

AUSTRALIAN

NAVY

ORDERS

1968

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RESTRICTED

ANO's 1-15/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
9th January 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

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17436/67

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## Section 1

### ADMINISTRATIVE AND GENERAL

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#### 1—Australian Navy Orders

1. Navy Orders are printed orders and instructions having general application throughout the Navy. They are printed in three series, Australian Navy Orders (ANOs), In-Confidence Australian Navy Orders (ICANOs) and Confidential Australian Navy Orders (CANOs). The first two series take in matter up to RESTRICTED while the last are all CONFIDENTIAL.

2. Many of these orders are based on Defence Council Instructions in which case the relevant DCI number is shown in italics beneath the title of the Navy Order.

3. The orders are divided into sections by subject as follows:

Section	Title
1	ADMINISTRATIVE AND GENERAL
2	PERSONNEL
3	OPERATIONAL AND TRAINING
4	EQUIPMENT, STORES AND SERVICING
5	BOOKS, CORRESPONDENCE, FORMS AND STATIONERY
6	ESTABLISHMENTS
7	CANCELLED LIST

4. Navy Orders are not intended as a permanent book of reference and remain extant for three years before automatic cancellation unless they are otherwise cancelled. A disposal instruction is included in Navy Orders each month listing the orders no longer in force which may be disposed of.

5. So that packs of orders may be amended readily, any order referred to in the text of an order has its number printed at the end of that order.

6. Separate indexes are issued annually for Ordinary and Confidential series (ICANOs being included in the Ordinary Index) covering orders promulgated over the previous three years. Supplementary indexes for each series are compiled in June of each year listing orders promulgated in the previous six months.

7. The last Navy Order issued for 1967 was No 564.

8. Navy Orders 1 and 794 of 1965 are hereby cancelled.

(CEO (GS) 47/8/7)

(Navy Orders 1 and 794 of 1965)

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#### 2—Commissioning

The following commissionings have been effected:

HMAS AITAPE	..	..	..	..	13th November, 1967
HMAS ATTACK	..	..	..	..	17th November, 1967
HMAS BRISBANE	..	..	..	..	16th December, 1967.

(AS (NS) 1211/51/387)

## UNCLASSIFIED

**3—Dental Documentation—Inclusion of Duplicate Dental Records as an Enclosure to Medical Envelope—Form AF Med 4**

1. Experience gained since the implementation of the revised system of dental documentation, promulgated in Navy Order 725 of 1965, indicates that greater care must be taken by all concerned to ensure that duplicate Dental History Envelopes, Form AM 190y, are enclosed in the members Medical Envelope, Form AF Med 4, prior to posting or discharge.

2. It has been decided therefore to change the existing method of raising the original copy of Form AM 190y, currently under revision, and the procedures outlined in subsequent paragraphs of this order are to be implemented as soon as the revised forms are available. It should be noted, however, that duplicate Dental History Envelopes already in existence are not to be replaced with the revised Form AM 190y.

**New Entries into the RAN**

3. One copy of Form AM 190y, Dental History Envelope, marked 'Duplicate' is to be raised for all members on entry by the Medical Staff at the relevant Recruiting Centre. This document is to be allocated Enclosure Number 3 and is then to be filed in the members Medical Envelope, Form AF Med 4. On joining the establishment to which the member is posted, a full clinical examination and charting of the patients condition on entry is to be carried out by the Dental Officer using a second copy of Form AM 190y, marked 'Original', for this purpose. Subsequently, the results of the charting are to be transcribed to the duplicate copy of Form AM 190y and the original is to be forwarded to the Medical Director-General without delay.

**Members Serving Prior to the Date of this Order**

4. The system currently in use, whereby the creation of a duplicate Form AM 190y is indicated on Table 9 of Form AF Med 4, is to be discontinued forthwith and all existing duplicate copies of Form AM 190y are to be allocated an enclosure number to Form AF Med 4. Where duplicate dental documents are held in the custody of a Dental Officer, suitable arrangements are to be made with the Medical Officer for this to be completed as soon as possible. In ships and establishments not carrying a Dental Officer the allocation of an enclosure number will be the responsibility of the Medical Staff borne. The enclosure number is to be 2A.

5. In cases where a duplicate Dental History Envelope is not already held for a member, a copy of Form AM 190y, marked 'Duplicate', is to be raised when officers and sailors are posted to a ship or establishment carrying a dental officer or on first presentation for treatment after the promulgation on this order. The patients condition at that time is to be charted under 'Dental Condition on Entry' and all subsequent treatment recorded as detailed in Paragraph 10.

**Custody and Disposal of Duplicate Forms AM 190y**

6. a. (1) *Where a Dental Officer is Borne.* In ships and establishments carrying a Dental Officer the duplicate copies of Form AM 190y are to be retained in the Dental department. However, when notification is received that a member is to be posted the Dental Officer is to ensure that the relevant Dental History Envelope, complete with its enclosures, is forwarded to the Medical department prior to the members departure.

(2) On all other occasions when Forms AF Med 4 are temporarily transmitted from one ship or establishment to another, eg, Submarine Suitability Tests, the Medical Staff are to ensure that duplicate Forms AM 190y are enclosed in the members Form AF Med 4,

(3) During leave periods, or on other occasions when the Dental Staff are temporarily absent from their ship or establishment, all duplicate copies of Form AM 190y held in the Dental department are to be returned to the Sick Bay to ensure that the provisions of Paragraph 6 a. (1) and (2) above are complied with.

b. *Where no Dental Officer is Borne.* The duplicate copy of Form AM 190y is to remain as an enclosure to the members Form AF Med 4. Under these circumstances a member requiring dental treatment from Naval sources is to be given the duplicate copy of Form AM 190y which is to be presented to the Dental Officer. When treatment is completed the Dental Officer is to place the duplicate copy of Form AM 190x in the members AM 190y and return it to the authority referring the member. Receipts for such transactions should normally be covered by the use of Form AM 46z. Where no Medical Officer or Sick Berth Staff are borne the Commanding Officer is to ensure that these instructions are complied with. In cases where a Naval Dental Officer is not available the provisions of Paragraph 7 are applicable.

**Personnel Referred to Other than Naval Dental Officers**

7. On occasions where it is necessary to refer a member to a dentist other than a Naval Dental Officer, the member concerned is to be given two copies of Form AM 190x. He is to be instructed to request the dentist to record the treatment on these forms in duplicate. On completion of treatment the forms are to be returned by the member to his ship or establishment which is to dispose of them in accordance with Paragraph 13. On all occasions when a member is referred to a civilian dentist Form AM 201, Order for Medical/Dental Treatment of a Naval Patient, is to be used.

**Emergency Dental Treatment Whilst on Leave, Detached Duties or Otherwise Living Out**

8. Such treatment is to be obtained from Service sources but in cases where this is not possible and is received from a civilian practitioner, the officer certifying the correctness of the account as regards the faithful performance of the services charged is to ensure that details of this treatment are transcribed to Form AM 190x in duplicate and that these forms are disposed of in accordance with Paragraph 13.

**Recording of Dental Treatment—Form AM 190x**

9. All dental treatment is to be recorded on Form AM 190x, Monthly Dental Treatment Record, in duplicate. A separate form is required for every member who receives dental treatment during the month but not for each individual operation. All entries are to be clearly recorded in ink and unauthorised abbreviations are not to be used. Care is to be taken that the personal number and full Christian names of all members are recorded.

**Charting of Dental Treatment—Form AM 190y**

10. To provide an accurate record of a members dental condition at any time during his period of service, a charting of all dental treatment subsequent to entry is to be maintained in pencil in the appropriate section of the members duplicate Form AM 190y as follows:

- a. on each occasion the member receives conservative treatment;
- b. when teeth are extracted;
- c. when any prosthetic appliance, eg, a crown, bridge or denture is provided; and
- d. on all occasions when a member is referred to or receives dental treatment from a civil source.

All such charting on Form AM 190y is to be made concurrently with the entry on Form AM 190x.

#### Filing of X-ray Films

11. All X-ray films are to be attached to the duplicate copy of Form AM 190x and filed in the members duplicate Dental History Envelope, Form AM 190y.

#### Recording of Specialist Dental Treatment

12. A copy of the specialists report is to be transcribed to Form AF Med 7 in duplicate and certified by the Dental Officer as a true copy. The original AF Med 7 is to be forwarded to the Medical Director-General with the Monthly Dental Treatment Records and the second copy is to be enclosed in the members duplicate Dental History Envelope.

#### Disposal of Forms AM 190x

13. At the end of each calendar month the original copies are to be forwarded to the Medical Director-General, in alphabetical order, with a covering letter. Forms AM 190x of personnel still requiring treatment may be retained until completion of treatment. The duplicate copy is to be placed in Form AM 190y in date order.

14. If considered necessary the Command Dental Surgeon, East Australia Area, may make arrangements with the Commanding Officer or Medical Officer as appropriate to retain duplicate copies of Forms AM 190y for personnel of ships which are alongside at Garden Island and do not carry a Dental Officer. However, these forms must be returned to the ship prior to its departure. Similar arrangements may be made in other areas if considered expedient.

15. If for any reason a duplicate Dental History Envelope is retained after a member has been posted, it is to be forwarded as soon as possible to the ship or establishment concerned under cover of Form AM 46z. As an interim measure a notation is to be made on Form AM 46z covering the transmission of the members Medical Envelope that the dental documents have been retained and will be forwarded in due course by the Dental Officer concerned. On all occasions when Forms AM 46z are used by Dental Staff, serial numbers are to be inserted in the appropriate section of this form.

16. The provisions of this order apply in principle to Royal Navy Loan or Exchange personnel, members of other Commonwealth Navies serving in the RAN, members of the Citizen Naval Forces and RAN Emergency Reserve on full-time service.

17. Forms AM 190y, Dental History Envelope, and AM 190x, Monthly Dental Treatment Record, are available on demand from the Medical and Dental Store Officer, RAN Medical Distribution Centre, Royal Edward Victualling Yard, Jones Bay Road, Pyrmont, NSW 2009. However, initial supplies of Form AM 190y will be forwarded to all Recruiting Centres without demand but subsequent replenishments will be met only on receipt of a demand note, Form AS 134 S/W.

18. Navy Order 725 of 1965 is hereby cancelled.

(MDG 327/251/85)

(Navy Order 725 of 1965)

#### UNCLASSIFIED

##### 4—Discussion of Classified Information in Public

1. Recent instances have highlighted the need for reticence on the part of all Service and civil personnel to ensure that classified information is not made available to persons not authorised to receive it. Personnel are warned that individuals not employed in the Government service are not entitled to have access to classified matter of any kind. This restriction applies to wives and husbands of Service and civilian personnel who are not themselves employed by the Commonwealth. In all other cases, the rule of need-to-know is to be applied.

2. All personnel are warned to avoid discussion on the following matters:
  - a. All information known to be classified.
  - b. Movements of HMA ships unless authorised.
  - c. Details of employment on active operations unless authorised by the Captain.
  - d. Capabilities of ships and their equipment.
  - e. Technical details of weapons and weapon systems.
  - f. Technical details of non-commercial communications and electrical equipment.
  - g. Conduct and results of trials.
  - h. Conduct and results of operations.
  - j. Identification of key technical personnel.
  - k. Press statements not attributed to a member of the Government or an officer identified by name or position.
3. This order will be reprinted for posting on notice boards.

(DNI 1617/201/66)

#### UNCLASSIFIED

##### 5—Safety—Eye Protection When Using Power Tools

1. An accident occurred recently in one of HMA ships in which a sailor working in the vicinity of another sailor using a rotary wire buff was struck in the eye by a flying particle.
2. Ships Standing Orders are to specify that not only the user, but any sailor working in the vicinity of a power tool is to wear goggles.

(CONS 177/1/104)

#### Section 2

##### PERSONNEL

#### UNCLASSIFIED

##### 6—EDP Personal Numbers for Members

Navy Order 653 of 1965 as amended by Navy Order 485 of 1967 is to be amended as follows:

##### Paragraph 4 (a):

Following 'N—Nursing Sister' insert R—Male Sailor.

(HPB 303/1/34)

(Navy Orders 653 of 1965 and 485 of 1967)

#### UNCLASSIFIED

##### 7—Prize—1967 Intake of Supplementary List Midshipmen (Seaman)

The Naval Board are pleased to announce that the 'United Services Institution of Victoria Prize' has been awarded to:

Midshipman (SL) L. T. CUPITT, RAN.

(HPB 38/6/31)

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### 8—Uniform Badges—RAN Aircrew Badges—Availability of Revised Patterns

1. Supplies of revised pattern metal badges for wear by qualified aircrew personnel, referred to in Navy Order 521 of 1966, are now available on demand from the Superintending Victualling Store Officer, Royal Edward Victualling Yard.
2. The design of the Sailor Aircrew Badge will be similar to the Observers Badge negative the crown and the 'O'.
3. Nomenclatures and issuing prices are included in the current clothing Price List.

(D of V 917/54/121)

*(Navy Order 521 of 1966)*

## Section 4

### EQUIPMENT, STORES AND SERVICING

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### 9—Alteration and Addition Item—HMAS SUPPLY

The following Alteration and Addition Item is approved to be carried out in HMAS SUPPLY:

*Class List Item No 46 (Ex TDL 'NLBH')*

- a. *Item:* To provide an enclosed Bridge on 03 Deck level generally in accordance with Navy Office Guidance Drawing No 216/206, HMAS SUPPLY—Bridge Modifications.
- b. No compensation is required for the estimated increase in weight of 10.5 tons but weight variations are to be reported.
- c. *References:* (1) HMAS SUPPLY's Form AS 1182 TDL 'BE' and Memorandum 7/1/54, both dated the 2nd June, 1965, forwarded under cover of FOCAF Memorandum AF 1908/29 dated 13th July, 1965.  
(2) ACNB signal DTG 120022Z August, 1965.  
(3) Navy Office Memorandum 1246/251/41 dated 27th August, 1965.  
(4) Navy Office Memoranda CO3847 and CO4095 dated 15th August and 26th August, 1966, respectively.  
(5) HMAS SUPPLY's Memorandum 7/1/54 dated 28th September, 1966, forwarded under cover of FOCAF Memorandum AF 1212/53/5 dated 8th November, 1966.

(CNTS 1246/251/41)

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### 10—Class Group 0612—Bathythermograph Slides—Precautions in Handling

The following precautions are to be observed in handling bathythermograph slides issued to HMA ships and services:

- a. Great care is to be taken by personnel to ensure that slides are handled by the edges only. SNSO Sydney is to examine boxes before issue and if a warning to this effect is not shown, an appropriate label is to be stuck on the box.
- b. Only one box of slides is to be opened at a time and all the slides used before opening another box.
- c. Slides are to be stowed away from excessive heat and moisture.

(DNS 1224/67/349)

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### 11—Medical and Dental Stores—Returns to Army Base Medical Store Depots—Discrepancies

Navy Order 489 of 1967 is to be amended as follows:

#### Paragraph 2:

*Renumber Sub-paragraph 2 (c) to read Sub-paragraph 2 (b) (ii) (C).*

(DSAP 1605/201/35)

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### 12—Naval Stores (Technical Sonar Transducers Group Class 0612/0633 (5845)—Periodic Return for Overhaul and Test—Care and Preservation

1. The following Sonar Transducers are subject to slow deterioration and after a life of five years they should be examined for performance:

*Catalogue numbers 1158, 800416, 802727, 803149, 803232, 804082, 804323, 805498, 805499, 805500, 805973.*

2. The year in which a transducer was made or last overhauled can be ascertained from the last two digits of the serial number marked on the number plate of the transducer or on the special-to-contents case, eg, serial number 176/65A indicates that the transducer is frequency A and that it was made or last overhauled and tested in 1965.

3. Arrangements are accordingly to be made for stocks of over-age transducers to be sent to SNSO, Sydney, for overhaul and test after five years from the date of manufacture or of last overhaul. Transducers returned by yards and depots should be depreciated in value by AD 3004 action and transferred to repairable ledger charge before they are forwarded. Repairable transducers (irrespective of age) are also to be returned. All transducers are to be thoroughly cleaned with fresh water and dried before being packed in their special-to-contents cases for return to the depot.

4. HMA ships and services are to ensure that fitted transducers are replaced as opportunity offers after they have become over-age.

5. Demands for transducers to replace those due for overhaul are to quote this order as authority and detail the serial numbers of the transducers to be replaced. The over-age transducers are not to be returned until replacements have been received.

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6. Any of the abovementioned transducers fitted in Reserve Fleet ships entering Extended Reserve should, in view of liability of deterioration, be returned to the SNSO, Sydney.

7. Ships in Operational Reserve are not affected by Paragraph 6 but attention is particularly drawn to Paragraphs 4 and 5.

8. Catalogue No. 1158 quartz transducer having an exposed 15-in diameter steel face plate is often received in store from HMA ships with the mild steel face pitted and rusted, showing that the instructions in the handbook for the sonar set are not always observed. The face of these transducers is protected from the effects of sea water by coatings of 'Cerrex' non-drying, anti-rust compound, and whenever the transducers are raised for inspection or for other purposes, the face should be examined and the 'Cerrex' compound renewed as necessary. If any signs of rust are present underneath the coating, the whole should be cleaned with petrol and the transducer face repainted with two coats of 'Cerrex'. Before these transducers are packed in their special-to-contents cases for shipment or dispatch, they are to be cleaned, thoroughly dried and the face coated with 'Cerrex'.

(DNS 517/51/190)

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13—Stores General (Group Class 1560)—Airframe Structural Components—  
Change of Stock Numbers

1. The Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
1560	00-373-4611	Washer, Thrust .. ..	3120	00-030-1532
1560	00-474-9210	Bushing .. ..	1615	00-474-9210
1560	00-528-5259	Burnisher, Jewellers .. ..	5120	00-529-5259
1560	00-533-9605	Plate, Identification .. ..	1615	00-533-9605
1560	00-624-5239	Bushing, Sleeve .. ..	1615	00-624-5239
1560	00-625-0114	Bearing, Duplex Ball .. ..	3110	00-625-0114
1560	00-625-0123	Bearing, Sleeve .. ..	1615	00-625-0123
1560	00-625-0138	Shim, Laminated .. ..	1615	00-625-0138
1560	00-629-4452	Sleeve .. ..	3120	00-835-5712
1560	00-633-0827	Bolt, Main Drive Shaft .. ..	5306	00-633-0827
1560	00-633-0828	Cover Main Rotor .. ..	1615	00-633-0828
1560	00-649-8149	Vent Cap, Transmission .. ..	1615	00-649-8149
1560	00-649-8222	Ring, Swash Plate Support .. ..	1615	00-649-8222
1560	00-649-8227	Bearing Liner Assy .. ..	1615	00-649-8227
1560	00-670-2959	Lock, Strap Retainer .. ..	1615	00-670-2959
1560	00-674-4209	Indicator, Sight .. ..	1615	00-674-4209
1560	00-690-7280	Cap Assy .. ..	1615	00-690-7280
1560	00-690-7283	Support Assy Elevation .. ..	1615	00-690-7283
1560	00-690-7600	Shim .. ..	1615	00-690-7600
1560	00-701-4144	Cover Assy, Seal .. ..	1615	00-701-4144
1560	00-701-9935	Cap Assy .. ..	1615	00-701-9935
1560	00-707-7781	Spacer, Sleeve .. ..	1615	00-707-7781
1560	00-707-7792	Tube Assy, Metal .. ..	1615	00-707-7792
1560	00-731-8078	Spacer .. ..	1615	00-731-8078
1560	00-731-9012	Adapter, Curvic Coupling .. ..	1615	00-731-9012
1560	00-735-6554	Spacer Set .. ..	1615	00-735-6554

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
1560	00-765-2407	Plate, Coupling Retaining .. ..	1615	00-765-2407
1560	00-765-2408	Coupling, Shaft .. ..	1615	00-765-2408
1560	00-765-2416	Hanger, Driveshaft .. ..	1615	00-765-2416
1560	00-766-8578	Hanger, Assy Driveshaft .. ..	1615	00-766-8578
1560	00-766-8590	Quill Assy Tail Rotor .. ..	1615	00-766-8590
1560	00-775-7744	Spacer Sleeve .. ..	1615	00-775-7744
1560	00-785-3625	Washer, Thrust .. ..	1615	00-785-3625
1560	00-787-4269	Gear, Bevel .. ..	1615	00-787-4269
1560	00-797-6071	Liner, Gear .. ..	1615	00-797-6071
1560	00-797-8573	Gear, Bevel .. ..	1615	00-797-8573
1560	00-830-4286	Oil Collector Assy .. ..	1615	00-830-4286
1560	00-830-8041	Cap, Outer .. ..	1615	00-830-8041
1560	00-830-9729	Trim Tab Assy .. ..	1615	00-830-9729
1560	00-830-9742	Fitting .. ..	1615	00-830-9742
1560	00-830-9752	Spacer, Sleeve .. ..	1615	00-830-9752
1560	00-856-3986	Tube Assy, Droop .. ..	1615	00-856-3986
1560	00-898-0046	Lock, Inner Race .. ..	1615	00-898-0046
1560	00-863-5752	Tube Assy, Metal .. ..	1615	00-863-5752
1560	00-874-0865	Tube Assy, Metal .. ..	1615	00-874-0865
1560	00-875-7988	Seal, Mast Assy .. ..	1615	00-875-7988
1560	00-877-5843	Tube, Aluminium Alloy .. ..	1615	00-877-5843
1560	00-976-0976	Bearing, Sleeve .. ..	1615	00-976-0976
1560	00-625-0063	Bushing, Sleeve .. ..	3120	00-625-0063
1560	00-840-2716	Ring, Bearing, Inner .. ..	1615	00-840-2716
1560	00-691-2112	Washer, Thrust .. ..	5340	00-691-2112
1560	00-847-1120	Washer, Thrust Gasket .. ..	1615	00-847-1120

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual), Article 1812.

(DSAP 607/51/69)

UNCLASSIFIED

14—Stores General (Group Class 3110)—Bearings, Antifriction,  
Unmounted—Change of Stock Numbers

1. The Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
3110	00-064-8493	Washer, Key .. ..	3110	00-506-8871
3110	00-074-9948	Bearing, Ball, Annular .. ..	3110	00-773-9554
3110	00-099-3534	Bearing, Ball, Annular .. ..	3110	00-114-8527
3110	00-100-6190	Ball, Bearing .. ..	3110	00-100-6160
3110	00-141-9914	Bearing, Ball, Thrust .. ..	3110	00-151-8330
3110	00-144-8860	Bearing, Ball, Annular .. ..	3110	00-239-8267
3110	00-159-9169	Bearing, Ball, Annular .. ..	3110	00-155-9623
3110	00-183-5799	Bearing, Ball, Annular .. ..	3110	00-157-1940
3110	00-186-1070	Washer Key .. ..	3110	00-205-8244
3110	00-227-2902	Bearing, Ball, Annular .. ..	3110	00-155-9626

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
3110	00-227-3047	Bearing, Ball, Annular	3110	00-155-8418
3110	00-227-4329	Bearing, Ball, Annular	3110	00-157-1908
3110	00-271-0007	Bearing, Roller, Needle	3110	00-902-2711
3110	00-277-8327	Bearing, Roller, Needle	3110	00-112-5882
3110	00-300-1120	Bearing, Ball, Annular	3310	00-155-9594
3110	00-330-0163	Bearing, Ball, Annular	3110	00-155-6209
3110	00-331-7687	Ball, Bearing	3110	00-100-6146
3110	00-331-7688	Bearing, Ball, Annular	3110	00-155-9645
3110	00-331-9736	Ball, Bearing	3110	00-100-6150
3110	00-332-0256	Bearing, Ball, Annular	3110	00-144-8637
3110	00-356-1820	Bearing, Ball, Annular	3110	00-144-8821
3110	00-356-7466	Bearing, Ball, Annular	3110	00-156-3574
3110	00-356-7468	Bearing, Ball, Annular	3110	00-144-8630
3110	00-364-4753	Ball, Bearing	3110	00-100-6182
3110	00-370-0004	Bearing, Ball, Annular	3110	00-144-8494
3110	00-372-3852	Retainer Plate	5840	00-640-7057
3110	00-379-2128	Bearing, Ball, Annular	3110	00-155-6198
3110	00-505-6631	Bearing, Ball, Annular	3110	00-109-1134
3110	00-506-1207	Bearing, Roller, Needle	3110	00-112-5884
3110	00-516-9861	Bearing, Ball, Annular	3110	00-144-8919
3110	00-521-8010	Bearing, Ball, Annular	3110	00-144-8483
3110	00-524-8956	Bearing, Ball, Annular	3110	00-144-8652
3110	00-525-1653	Bearing, Roller, Needle	3110	00-159-9530
3110	00-525-2837	Bearing, Ball, Annular	3110	00-155-8425
3110	00-529-8533	Bearing, Roller, Needle	3110	00-120-3316
3110	00-529-9452	Ball, Bearing	3110	00-100-6208
3110	00-529-9705	Bearing, Ball, Annular	3110	00-198-1452
3110	00-540-4588	Bearing, Ball, Annular	3110	00-183-9975
3110	00-540-8105	Ball, Bearing	3110	00-679-6794
3110	00-542-0763	Ball, Bearing	3110	00-100-6158
3110	00-542-0767	Bearing, Ball, Annular	3110	00-227-3170
3110	00-542-0995	Bearing, Ball, Annular	3110	00-608-0847
3110	00-554-0153	Bearing, Ball, Annular	3110	00-155-9581
3110	00-554-3639	Bearing, Roller, Cylindrical	3110	00-117-0695
3110	00-554-5308	Bearing, Ball, Annular	3110	00-151-8095
3110	00-554-5751	Bearing, Ball, Annular	3110	00-158-5981
3110	00-555-3997	Bearing, Ball, Annular	3110	00-633-6052
3110	00-555-5509	Bearing, Ball, Annular	3110	00-186-5025
3110	00-564-8320	Bearing, Ball, Annular	3110	00-155-8430
3110	00-568-2605	Bearing, Ball, Annular	3110	00-277-0616
3110	00-585-1475	Bearing, Ball, Annular	3110	00-108-9200
3110	00-585-1833	Ball, Bearing	3110	00-100-6212
3110	00-585-4171	Bearing, Ball, Airframe	3110	00-142-4326
3110	00-586-8413	Bearing, Ball, Annular	3110	00-155-6213
3110	00-593-3380	Bearing, Ball, Annular	3110	00-155-9609
3110	00-623-1161	Ball, Bearing	3110	00-100-6180
3110	00-624-5549	Bearing, Ball, Annular	3110	00-144-8589
3110	00-631-1169	Bearing, Ball, Annular	3110	00-277-0201
3110	00-640-8103	Bearing, Ball, Annular	3110	00-144-8660
3110	00-653-6808	Bearing, Ball, Annular	3110	00-198-0785
3110	00-654-2094	Bearing, Ball, Annular	3110	00-198-2885

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
3110	00-654-5447	Bearing, Ball, Annular	3110	00-155-9630
3110	00-656-2377	Bearing, Ball, Annular	3110	00-157-1909
3110	00-699-1715	Bearing, Ball, Annular	3110	00-156-3481
3110	00-702-4505	Bearing, Ball, Annular	3110	00-198-2928
3110	00-702-9075	Bearing, Roller, Self-aligning	3110	00-574-7682
3110	00-733-4296	Bearing, Ball, Annular	3110	00-144-8540
3110	00-739-7053	Bearing, Ball, Annular	3110	00-155-9602
3110	00-739-7061	Bearing, Ball, Annular	3110	00-156-3515
3110	00-741-1673	Bearing, Ball, Annular	3110	00-144-8813
3110	00-762-6111	Bearing, Ball, Annular	3110	00-590-7121
3110	00-765-2616	Gasket, Ball, Bearing	5330	00-765-2616
3110	00-803-0551	Bearing, Ball, Annular	3110	00-787-8903
3110	00-830-1679	Bearing, Ball, Annular	3110	00-155-9628
3110	00-834-8636	Bearing, Ball, Annular	3110	00-156-5046
3110	00-839-5762	Bearing, Ball, Annular	3110	00-679-2598
3110	00-868-3268	Bearing, Ball, Annular	3110	00-144-8562
3110	00-868-3269	Bearing, Ball, Annular	3110	00-144-8662
3110	00-872-8552	Bearing, Ball, Annular	3110	00-155-8907
3110	00-879-1987	Bearing, Ball, Annular	3110	00-144-8921
3110	00-895-9630	Bearing, Ball, Annular	3110	00-144-8547
3110	00-895-9631	Bearing, Ball, Annular	3110	00-144-8510
3110	00-955-6658	Bearing, Ball, Annular	3110	00-155-6197
3110	00-955-6659	Bearing, Ball, Annular	3110	00-155-6204
3110	00-955-6773	Bearing, Ball, Annular	3110	00-144-8518
3110	00-955-6774	Bearing, Ball, Annular	3110	00-144-8534
3110	00-989-1149	Bearing, Ball, Annular	3110	00-155-6266
3110	00-525-1653	Bearing, Roller, Needle	3110	00-159-9530
3110	00-205-8250	Washer, Key	3110	00-045-3811
3110	00-542-9100	Bearing, Ball, Annular	3110	00-540-4665
3110	00-186-1058	Washer, Key	3110	00-205-8247
3110	00-679-4150	Bearing, Ball, Annular	3110	00-289-6583
3110	00-991-7553	Adapter, Clamp	4930	00-991-7553

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

(DSAP 400/70/115)

## Section 5

### BOOKS, CORRESPONDENCE, FORMS AND STATIONERY

#### UNCLASSIFIED

#### 15—Addressing of Mail for HMA Ships

1. All mail both official and private for HMA ships is to be addressed to name of ship c/o GPO. Names of capital cities and Postcodes are not to be included in address.

2. Personnel are to be advised to arrange for their mail to be addressed accordingly.

(CEO (GS) 68/201/40)





ANO 16/68



# AUSTRALIAN NAVY ORDER

Navy Office, Canberra,  
29 January 1968.

The enclosed order is promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*Handau.*

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers in  
Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY

## Section 4

## EQUIPMENT, STORES AND SERVICING

## UNCLASSIFIED

## 16—Introduction of New Forms for Demanding and Returning Stores

1. In conjunction with the introduction of EDP procedures into supply activities on a limited scale during the last quarter of 1967, a number of new forms for supply transactions in all categories of stores between ships and establishments and RAN store depots have been brought into use. Medical and Dental Stores are to continue to be demanded from Army Base Medical and Dental Store Depots on Army forms in accordance with ABR 4, Chapter 34. The introduction of these new forms is necessary to ensure that the information required for efficient functioning of the EDP system is more readily available for collection and processing while simultaneously providing adequate documentation for ships and store depot storekeeping procedures.

2. Initially, the EDP system will apply only to Victualling Stores—Group Classes V1 to V8 of ABR 5074 (RAN Catalogue of Stores)—and only to the supply operations of the Victualling Store Depots, Pymont and Randwick. However, as the new forms are also suitable for non-EDP ('manual') supply transactions, it has been decided that they are to be used for demanding and returning all categories of stores (except for those Medical and Dental Stores which the Army is responsible to supply) and their use not restricted to Victualling Stores.

3. The new forms are as follows:

<i>Form No</i>	<i>Title</i>
SX12	Stores Demand (Single-line and Hectograph Master)
SX14	Stores Demand (Multi-line and Hectograph Master)
SX13	Stores Demand (Single-line)
SX15	Stores Demand (Multi-line)
SX22	Local Issue Voucher
SX20	Issue Voucher
SX21	Stock in Transit Advice
SX27	Stores Return (Single-line and Hectograph Master)
SX28	Stores Return (Multi-line and Hectograph Master)
SX25	Stores Return Voucher
SX26	Stores Return Voucher Continuation Sheet

A brief description of the purpose of each form is given in the following paragraphs.

**Form SX12 and Form SX14**

4. These forms replace the current Forms AS134S and AS134W. Forms SX12 and SX14 are to be used by ships, establishments and civil repair organisation contractors when demanding stores direct from store depots. For demanding categories of stores which are 'not on EDP', these forms are the only permissible ones—SX13 and SX15 must not be used.

5. For stores which are 'on EDP'—Victualling Stores only at the outset—Form SX14 cannot be used and Form SX12 is only to be used when the urgency of the requirement is of such a high priority that loss of computer stock control is justified and it is necessary to by-pass the EDP Centre and submit the demand direct to the store depot. However, for the first few weeks of EDP operation, all demands for Victualling Stores are to be submitted direct to the Victualling Store Depots using Form SX12 or Form SX14. Subsequently, from

a date to be promulgated later, all demands for Victualling Stores, other than high priority requirements, will require to be communicated to the EDP Centre. Such demands are to be prepared on either Form SX13 or SX15. (See Paragraph 10.)

6. Form SX12 is supplied in a set comprising a hectograph master, an EDP copy and a ships copy. Copy No 1 (hectograph master) and Copy No 2 (EDP copy) are to be lodged with the store depot, while Copy No 3 (ships copy) is to be retained by the demanding unit.

7. If stock is available and issue is authorised by the store depot, Copy No 1 (hectograph master) is used to prepare the Local Issue Voucher (Form SX22)—see Paragraph 12—for supply action, whereupon Copy No 2 is redundant and is destroyed by the store depot. In the event of stock not being available to satisfy the demand, a Local Issue Voucher is not prepared but Copy No 2 of the demand is used for reporting the requirement to the EDP Centre. In this case, Copy No 1 is no longer required and is destroyed by the store depot. (For stores which are 'not on EDP', Copy No 2 of SX12 is not required for EDP purposes and may be used by the store depot for local purposes or destroyed.)

8. Form SX14 (not to be used for stores on EDP) is supplied in a set comprising a hectograph master and a ships copy. Copy No 1 (hectograph master) is to be lodged with the store depot; Copy No 2 (ships copy) is to be retained by the demanding unit. Copy No 1 (hectograph master) is used by the store depot to prepare the Local Issue Voucher.

9. For stores other than Victualling Stores, the new store demand forms and the Local Issue Voucher are to be used, but the EDP Centre will not be involved in any way with the processing of such transactions until a date to be advised. If the store depot is unable to satisfy the requirement, it will follow current procedures in advising the demanding unit of the situation.

**Form SX13 and Form SX15**

10. These forms are to be used by ships, establishments and civil repair organisation contractors when demanding stores 'on EDP', except in the case of high priority requirements. (See Paragraph 5.) They are supplied in sets of two copies—an EDP copy and a ships copy. Copy No 1 (EDP copy) is used for reporting the requirement to the EDP Centre, while Copy No 2 (ships copy) is retained by the demanding ship.

11. As indicated in Paragraph 5, these two forms will not be brought into use for some time after commencement of the EDP system. Also, when instructions are issued for their use, they will apply, initially, only to demands for Victualling Stores.

**Form SX22**

12. The Local Issue Voucher is prepared at the store depot by spirit duplicator process from the hectograph master (Copy No 1) of the stores demand (Form SX12 or SX14).

13. Four copies of the voucher are normally prepared. Copy No 1 is used as the store depot accounting copy, also as the input report of the transaction to EDP. Copy No 2 is for store depot use. Copy No 4 is dispatched to the ship as a stock-in-transit advice and for completion of the 'Certificate of Receipt' in due course and return to the store depot. Copy No 3 is sent to the ship with the stores and is to be used as the ships accounting copy. Eventually, when ships accounts are being maintained at the EDP Centre, Copy No 3 will be used for the input report to EDP of receipt of the stores in the ship and Copy No 4 will no longer require certification and return to the store depot.

**Form SX20**

14. This form will be brought into use along with Forms SX13 and SX15. (See Paragraphs 10–11.) It is output from the computer when stock is available to meet the requirement and is notification to the store depot of the requirement.

15. Copy No 1 becomes the store depot copy and, if the quantity on the voucher is amended or cancelled by the store depot or the supply is unexecuted, this copy is used to report the details to EDP. Copy No 3 is sent to the ship with the stores and is to be used as the ships accounting copy. Copy No 2 is used at the store depot for local purposes. Eventually, when ships accounts are being maintained by the computer, copy No 3 will also be used as the input report to EDP of receipt of the stores in the ship.

#### Form SX21

16. This form will also be brought into use at the same time as Forms SX13 and SX15. (See Paragraphs 10–11.) It is a copy of the Issue Voucher (Form SX20) and is sent to the ship or establishment direct from EDP as advance advice of the impending issue from the store depot. The 'Certificate of Receipt' on the form is to be completed by the ship on receipt of the stores and the form returned to the store depot. Eventually, certification and return of this copy of the voucher will not be necessary.

#### Form SX27 and Form SX28

17. These two forms replace the current Forms AS331S and AS331W. Forms SX27 and SX28 are for use by ships, establishments and civilian repair organisation contractors when returning stores to RAN store depots.

18. Forms SX27 and SX28 are each supplied in a set comprising a hectograph master and a ships copy. Copy No 1 (hectograph master) is the store depot copy and Copy No 2 is the ships copy. The hectograph master is used at the store depot to prepare a Stores Return Voucher (Form SX25) (see Paragraphs 20–21), Copy No 3 of which will be receipted and forwarded to the ship.

19. When ships accounting records are being maintained by EDP, Copy No 2 of Form SX27 and SX28 will also be used for reporting the return of the stores to EDP.

#### Form SX25

20. This form replaces the current Forms AS331P and AS331X. Form SX25 is prepared at the store depot by spirit duplicator process from the hectograph master (Copy No 1) of the stores return document (Form SX27 or SX28).

21. Normally, four copies of Form SX25 are prepared. Copy No 1 is used as the store depot accounting copy, also as the input report to EDP of receipt of the stores. Copy No 2 and Copy No 4 are retained by the store depot for other purposes. Copy No 3 is receipted by the store depot, and forwarded to the ship for retention.

#### Form SX26

22. This form is used only at store depots. It is used in conjunction with Form SX25 (Stores Return Voucher) to allow for a maximum of fifteen line-item receipts after survey on one Form SX25 combined with one Form SX26 against one item returned by a unit on Form SX27 or SX28.

#### Preparation of Forms

23. To obtain the greatest possible use and benefit from the EDP system, it is imperative that stores documents which provide input to the system are prepared with great care and accuracy and instructions for their use strictly followed. The instructions given in Annex A have been prepared as an aid in the preparation of Stores Demand and Stores Return documents and are to be carefully observed when using the new forms.

24. A frequent source of error in an EDP system is the uncertainty whether the character 'O' in a document is a numeric zero or the letter O. To obviate this source of possible error, whenever the numeric zero is used it is to be indicated by placing an oblique stroke through the O, thus: 'Ø'.

#### Registration of Stores Documents

25. The EDP system requires changes to be made in the registration of stores documents. It is essential that the registration format used be standardised to a greater extent than exists at present as there are considerable advantages in that common rules can be applied in the preparation of documents and in the application of common methods in EDP processing. This results in the most efficient use of the system and enables proper control to be achieved. The system to be used for registration of the new Stores Demand and Stores Return documents is described in Annex B.

#### EDP Source Codes

26. Each store depot, ship, establishment and self-contained unit likely to be the subject of supply documents input to or output by EDP has been allocated a source identification code consisting of four numeric characters. A list of these source codes is given in Navy Order 439 of 1967. The occasions when source codes are to be used on forms is explained in Annexes A and B.

### ANNEX A

#### INSTRUCTIONS FOR PREPARATION OF FORMS

##### Form SX12—Stores Demand (Single-line and Hectograph Master)

1. Insert in appropriate boxes/columns of the form the undermentioned information (boxes/columns stated as 'Mandatory' must always contain information):

FORM CODE	.. ..	Mandatory. Code 'SD' is preprinted on form.
SOURCE	.. ..	Mandatory. The four-digit code (allocated for EDP purposes) of the demanding unit, eg 1236.
YEAR	.. ..	Mandatory. Last two digits of current year, eg 67.
REGR (Register)	.. ..	Mandatory. A one-character code to indicate the individual registration series used for SX12s by the demanding unit: 'V'.
REGISTRATION NO	.. ..	Mandatory. Sequential number for this SX12 obtained from the appropriate check list (register), eg 123.
CONSIGNEE CODE	.. ..	Mandatory. The four-digit code of consignee (same code as shown in 'Source' box), eg 1236.
CONSIGNEE	.. ..	Mandatory. Name of consignee, eg HMAS YARRA.
REMARKS	.. ..	Optional. Any applicable remarks. A maximum of 40 characters including spaces (starting from the left of the box) will be used for EDP purposes.
STORE DEPOT CODE	.. ..	Mandatory. The four-digit code for the store depot nominated by ABR 5074—RAN Catalogue of Stores—as holder of the required item, eg 0086. (Pending issue of all sections of ABR 5074, those stores not covered by the sections held by the demanding authority are to be demanded from the usual sources.)
DATE REQUIRED	.. ..	Optional. Date on which delivery of the stores is required. Any date stated is to be expressed in the form '07OCT67' or '13OCT67'—with no spaces between characters.
SEQ NO (Sequence No)	.. ..	Mandatory. Insert '1F'.
GROUP CLASS	.. ..	Mandatory. Group Class of the item as shown in ABR 5074 or other relevant catalogue, eg V6.

## ANNEX A—continued

CATALOGUE NO	..	Mandatory. Catalogue Number of the item as shown in ABR 5074 or other relevant catalogue, eg 51487.
SHORT NAME	..	Mandatory. Approved Short Name of the item as shown in ABR 5074, eg GOBLET, WINE, STEMLESS, or, if in other relevant catalogue, a suitable brief name.
D of Q	..	Mandatory. Approved Denomination of Quantity code for the item from ABR 5074 or, if in other relevant catalogue, the approved code as shown in Appendix C to the Memorandum of Instructions for ABR 5074, eg NO.
CL	..	Mandatory. Accounting Classification for the item from ABR 5074 or other relevant catalogue, eg C.
REASON CODE	..	Mandatory. One of the numeric 'Reason for Demand' codes (1-7) listed at foot of form. If code 7 is used, 'Remarks' box must contain appropriate data.
USAGE CODE	..	Optional. Leave empty unless demand is for permanent item in replacement of item: <ul style="list-style-type: none"> <li>a. deficient on stocktaking;</li> <li>b. surveyed on board and written off charge; or</li> <li>c. lost by accident or neglect— in which case, insert '4'.</li> </ul>
STOWAGE LOCATION	..	Optional. Limited to eight characters including spaces.
QUANTITY REQUIRED	..	Mandatory. To be shown in numeric form, eg '12'. Part of a standard D of Q is to be shown in decimal form to the nearest two places, eg 3 $\frac{3}{8}$ as 3.63.
QUANTITY ON BOARD	..	Mandatory. To be shown in numeric form—whole number only. Insert Ø (zero) if applicable.
QUANTITY ALLOWED OR 12 MTHS EXP.	..	Mandatory. To be shown in numeric form—whole number only. Insert Ø (zero) if applicable.

## Form SX13—Stores Demand (Single-line)

2. Insert in appropriate boxes/columns of the form the undermentioned information (boxes/columns stated as 'Mandatory' must always contain information):

FORM CODE	..	Mandatory. Code 'SD' is preprinted on form.
SOURCE	..	Mandatory. The four-digit code (allocated for EDP purposes) of the demanding unit, eg 1201.
YEAR	..	Mandatory. Last two digits of current year, eg 67.
REGR (Register)	..	Mandatory. A one-character code to indicate the individual registration series used for SX13s by the demanding unit: 'V'.
REGISTRATION NO	..	Mandatory. Sequential number for this SX13 obtained from the appropriate check list (register), eg 123.
MESSAGE TYPE	..	Mandatory. Code 'O' is preprinted on form.
FOR DTO USE	..	Leave empty.
CONSIGNEE CODE	..	Optional. Same code as shown in 'Source' box.
CONSIGNEE	..	Optional. Name of consignee.
REMARKS	..	Optional. Any applicable remarks. A maximum of 40 characters including spaces (starting from the left of the box) will be used for EDP purposes.

## ANNEX A—continued

STORE DEPOT CODE	..	Mandatory. The four-digit code for the store depot nominated by ABR 5074 as holder of the required item, eg 0086.
DATE REQUIRED	..	Optional. Date on which delivery of the stores is required. Any date stated is to be expressed in the form '07OCT67' or '13OCT67'—with no spaces between characters.
DUES OUT LONG-TERM CODE	..	Optional. If it is desired to give early advice of a long-term future requirement, '1' should be entered here.
SEQ NO (Sequence No)	..	Mandatory. '1F' is preprinted on form.
GROUP CLASS	..	Mandatory. Group Class of the stores item as shown in ABR 5074, eg V6.
CATALOGUE NO	..	Mandatory. Catalogue Number of the item as shown in ABR 5074, eg 51487.
SHORT NAME	..	Optional. Approved Short Name of the item as shown in ABR 5074.
D of Q	..	Mandatory. Approved Denomination of Quantity code for the item from ABR 5074, eg NO.
CL	..	Optional. Accounting Classification for the item from ABR 5074.
REASON CODE	..	Mandatory. One of the numeric 'Reason for Demand' codes listed at foot of the form, except code 5. If code 7 is used, 'Remarks' box must contain appropriate data.
USAGE CODE	..	Optional. Leave empty unless demand is for permanent item in replacement of item— <ul style="list-style-type: none"> <li>a. deficient on stocktaking,</li> <li>b. surveyed on board and written off charge, or</li> <li>c. lost by accident or neglect— in which case, insert '4'.</li> </ul>
STOWAGE LOCATION	..	Optional. Limited to eight characters including spaces.
QUANTITY REQUIRED	..	Mandatory. To be shown in numeric form, eg '12'. Part of a standard D of Q to be shown in decimal form to the nearest two places, eg 3 $\frac{3}{8}$ as 3.63.
QUANTITY ON BOARD	..	Mandatory. To be shown in numeric form—whole number only. Insert Ø (zero) if applicable.
QUANTITY ALLOWED OR 12 MTHS EXP.	..	Mandatory. To be shown in numeric form—whole number only. Insert Ø (zero) if applicable.

## Form SX14—Stores Demand (Multi-line and Hectograph Master)

3. This form is not to be used when demanding items which are 'on EDP' direct from a store depot. Where the urgency of the requirement is such that it is necessary to by-pass the EDP system and submit the demand direct to the store depot, the single-line hectograph master demand form (SX12) must be used.

4. For multi-item requirements of categories of stores which are 'not on EDP', Form SX14 may be used. The instructions given previously for preparation of Form SX12—Stores Demand (Single-line and Hectograph Master) apply also to the preparation of Form SX14, except as follows:

SEQ NO (Sequence No)	..	Mandatory. Number each item on form sequentially from '1'. Draw line immediately below last item with diagonal line from right-hand end of horizontal line to bottom left-hand corner of form.
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## ANNEX A—continued

## Form SX15—Stores Demand (Multi-line)

5. The instructions given previously for preparation of Form SX13—Stores Demand (Single-line) apply also to the preparation of Form SX15, except as follows:

SEQ NO (Sequence No) .. Mandatory. Sequential item numbers commencing with '1' for the first item with successive numbers for the remaining items. The SEQ NO of the last item is to have the character 'F' as a suffix, eg 8F or 15F (last item on a completely-filled form). Blank lines are not to be numbered.

## Form SX27—Stores Return (Single-line and Hectograph Master)

6. Insert in appropriate boxes/columns of the form the undermentioned information (boxes/columns stated as 'Mandatory' must always contain information):

FORM CODE .. .. Mandatory. Code 'RSV' is preprinted on form.

SOURCE .. .. Mandatory. The four-digit code of the returning unit, eg 1813.

YEAR .. .. Mandatory. Last two digits of current year, eg 67.

REGR (Register) .. .. Mandatory. A one-character code to indicate the individual registration series used for SX27s by the returning unit: 'E'.

REGISTRATION NO .. .. Mandatory. Sequential number for this SX27 obtained from the appropriate check list (register), eg 721.

IN LIEU OF ITEMS DEMANDED ON RETURNED TO .. .. Optional. If appropriate, insert reference to the Stores Demand raised for replacement item.

REMARKS .. .. Mandatory. The four-digit code of the store depot to which the item is being returned.

REASON FOR RETURN .. .. Optional. Any applicable remarks.

SEQ NO (Sequence No) .. .. Mandatory. Insert '1F'.

GROUP CLASS .. .. Mandatory. Group Class of the item as shown in ABR 5074 or other relevant catalogue, eg 0253.

CATALOGUE NO .. .. Mandatory. Catalogue Number of the item as shown in ABR 5074 or other relevant catalogue, eg 943-1655.

SHORT NAME .. .. Mandatory. Approved Short Name of the item as shown in ABR 5074, eg PSYCHROMETER, or, if in other relevant catalogue, a suitable brief name.

D of Q .. .. Mandatory. Approved Denomination of Quantity code for the item from ABR 5074 or, if in other relevant catalogue, the approved code as shown in Appendix C to the Memorandum of Instructions for ABR 5074, eg NO.

CL .. .. Mandatory. Accounting Classification for the item from ABR 5074, or other relevant catalogue, eg P.

QUANTITY RETURNED .. .. Mandatory. To be shown in numeric form, eg 2. Part of a standard D of Q is to be shown in decimal form to the nearest two places, eg 6 $\frac{2}{3}$  as 6.67.

## ANNEX A—continued

## Form SX28—Stores Return (Multi-line and Hectograph Master)

7. The instructions given previously for preparation of Form SX27—Stores Demand (Single-line and Hectograph Master) apply also to the preparation of Form SX28, except as follows:

SEQ NO .. .. Mandatory. Sequential item numbers commencing with '1' for the first item with successive numbers for the remaining items. The SEQ NO of the last item is to have the character 'F' as a suffix, eg 8F or 15F (last item on a completely-filled form). Blank lines are not to be numbered.

## ANNEX B

## Registration of Stores Documents

1. All stores documents used in the EDP system must be unique in their identification to permit:

- return of rejected transactions to the source;
- recording to enable matching with subsequent transactions; and
- utilisation on the stock accounting record.

2. Although only Victualling Stores will be involved at the inception of the EDP system, the revised registration system is to apply to the use of the new demand and return forms for all categories of stores.

## Format of Registration Data

3. The format of the registration data to be inserted on the new forms is as follows:

SOURCE .. .. Four numeric characters, eg 1202.

YEAR .. .. Two numeric characters, eg 67.

REGISTER .. .. One alpha character, eg V.

REGISTRATION NUMBER .. .. One to seven numeric characters, eg 1234.

ITEM SEQUENCE NUMBER .. .. One to two numeric characters, eg 14.

## Source

4. Each ship and establishment has been allocated a Source Identification Code for EDP purposes. The individual code of the unit raising the document is to be inserted in the 'Source' box on the form.

## Year

5. This portion of the registration consists of the last two digits of the calendar year in which the document was registered.

## Register

6. Whilst the source code identifies the unit that is the originator of a document or transaction, the register code indicates the individual registration series used within the source for a particular type of document.

7. The registration series used for Stores Demands by any demanding unit is to be identified by the code letter 'V'. All Forms SX12, SX13, SX14 and SX15 raised by a unit are to be registered in the one series—identified by register code 'V', which is to be inserted

## ANNEX B—continued

in the 'Register' box on the form. Where it is necessary, because of local requirements, for the registration of demand forms to be broken up into distinguishing sets of documents, this is to be achieved by allocating separate blocks of registration numbers as necessary, but all demands raised under this method are to bear the register code 'V'.

8. The registration series used for Stores Returns by any returning unit is to be identified by the code letter 'E'. All Forms SX27 and SX28 raised by a unit are to be registered in the one series—identified by register code 'E', which is to be inserted in the 'Register' box on the form. As in the case of stores demands, separate blocks of registration numbers may be used for stores return documents, but all Forms SX27 and SX28 must bear the common register code of 'E'.

**Registration Number**

9. The registration numbers given to Stores Demands and Stores Returns by a unit are to commence at one on introduction of the new forms and are to recommence at one at the beginning of each calendar year thereafter. One series of registration numbers is to be used for Forms SX12, SX13, SX14 and SX15 (Register Code 'V') and a separate series of numbers for Forms SX27 and SX28 (Register Code 'E'). A check list of registration numbers is to be maintained by the unit for each series.

10. The registration number of any document is to comprise from one to seven numeric characters. Any alphabetic character, punctuation mark or other symbol inserted in the 'Registration No' box on a form is illegal and will cause rejection of the document.

11. With a maximum length of seven characters provided for a registration number, up to 10 million numbers are available in each registration series in a calendar year. Ample scope is thus available for the allocation of distinct blocks of registration numbers to meet any local requirements for segregation of Stores Demands and Stores Returns into distinguishing sets of documents within a common registration series, as mentioned previously in Paragraph 7.

12. An example of the registration data for a Form SX12 raised by a ship would be as follows:

<i>Source</i>	<i>Year</i>	<i>Register</i>	<i>Registration No</i>
1201	67	V	1234

**Item Sequence Number**

13. Every line item on a stores document (indicated by Group Class and Catalogue No) whether on a single or multi-item form, is to be given an Item Sequence Number which is to be inserted in the 'SEQ NO' box on the form. The first item is to be numbered one and succeeding items are to be numbered in an unbroken series from two to a maximum of 15. The number of the terminating item on the form is to bear the suffix 'F' to indicate that it is the final item on the form.

14. The Item Sequence Number provides a unique identification to each transaction on the document. Thus, the complete registration detail recorded in the EDP system for a transaction could be 1201 67 V 1234 1.

**Registration Control**

15. As stated previously in Paragraph 9 a check list (register) of registration numbers is to be maintained by each ship and establishment that raises Stores Demands and Stores Returns. The following information is to be displayed prominently on the cover sheet of each register:

- Source Code of the unit.
- Register Code: V for Stores Demands; E for Stores Returns.

## ANNEX B—continued

- Last two digits of the calendar year.
- The 'Form Codes' which are permitted to be registered in each register: 'SD' in the 'V' Register; 'RSV' in the 'E' Register.

16. As each registration number is allocated to a document, the form number—'SX12', etc—is to be inserted against the number in the register. The date is to appear at least once for each day. The register is to be ruled off at the end of each day.

(AS (EDP) 464/51/52)

(Navy Order 439 of 1967)





RESTRICTED

ANO's 17-30/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
30 January 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

A handwritten signature in cursive script, appearing to read "A. Handau".

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY

10169/68

RESTRICTED

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## Section 2 PERSONNEL

### UNCLASSIFIED

#### 17—Dissemination of Recruiting Information when HMA Ships and Establishments are Open for Inspection

1. When ships or establishments are open for public inspection, one of the chief benefits to the service is the attraction of recruits. Experience during the past two years has proved the value of providing a 'Naval Careers Information Office' in a conspicuous position.

2. When establishments hold Open Days or ships are open for inspection in Australian ports, a suitable office or space in a conspicuous position should be designated as 'Naval Careers Information Office'. It should be manned by a well-indoctrinated officer and senior sailors whose functions will be:

- a. to answer questions;
- b. to hand out pamphlets and application forms to those interested;
- c. to forward any completed forms to the nearest Naval Recruiting Officer;
- d. to forward any queries they are unable to answer to the nearest Naval Recruiting Officer for direct reply to the inquirer.

3. Packs containing the latest recruiting brochures and information have been forwarded to all ships and establishments and the Director of Naval Recruiting is responsible for keeping these packs up-to-date.

4. Demands for supplies of recruiting literature should be made direct to the nearest Naval Recruiting Officer (Brisbane, Sydney, Melbourne, Adelaide or Perth) giving as much notice as possible.

5. Depending on the commitments of the Naval Display Team it may be possible to supply a supporting static display and requests should be forwarded direct to the Director of Naval Recruiting.

6. Navy Order 169 of 1965 is hereby cancelled.

(DNR 307/3/51)

*(Navy Order 169 of 1965)*

### UNCLASSIFIED

#### 18—Grant of Permanent Commissions to WRANS Officers

1. The Naval Board has decided that initial appointments to the WRANS Officers List will be on the basis of a six-year short service commission only.

2. It has also been decided that permanent commissions may now be granted to selected serving officers.

3. Annually in March, all officers with over four years service as an officer will be considered, and, subject to the requirements of the Service, may be given the opportunity to transfer to permanent commissions.

4. Should a selected officer decline the offer of a permanent commission, this decision will in no way jeopardise her future career prospects or prevent a further offer being made at a later date.

**DFRB Contributors**

5. In the event of these officers being contributors to the DFRB Fund and, if eligible, electing not to be paid a gratuity under the Naval Financial Regulations in respect of their short service commissions this short service will be permitted to count as service for pension.

6. Pensionable service of officers not eligible for payment of a gratuity on transfer to a permanent commission will be permitted to count as service for pension.

7. Officers on short service commissions can qualify for pension on reaching retiring age if they have completed sufficient time for pension.

(HPB 302/5/19)

**UNCLASSIFIED****19—Scale of Fees for Dental Treatment by Civilian Dentists**

1. The following scale has been approved by Treasury as the maximum fees allowable in respect of dental treatment by civil dental practitioners. This scale is to be applied in the recovery of the cost of treatment given to personnel of other Navies. These fees are operative on and from 1 August 1967.

2. Members on leave, detached duties, or otherwise living out are to obtain dental treatment through Service sources. The Department will be responsible for the cost incurred by members for private dental treatment only in cases where the treatment was for relief of pain or the urgent repair of dentures.

3. Members entitled to treatment under the provisions of Paragraph 2 above should not pay the account but should have it forwarded to the appropriate Naval authority for payment.

4. Where possible, the services of civil dentists, prepared to act at fees as promulgated in this Navy Order are to be utilised. Paragraph 6 below refers.

<i>Item</i>	<i>Rate</i> \$
<b>a. Extractions</b>	
With local anaesthetic:	
One tooth .. .. .	2.40
Each additional tooth .. .. .	1.20
<b>b. Extractions Under General Anaesthesia</b>	
(1) Multiple extraction under general anaesthesia (in surgery):	
Minimum (up to 4 teeth) .. .. .	9.65
Maximum (5 or more teeth) .. .. .	12.10
(2) Multiple extractions performed in a hospital by a Local Dental Officer:	
Minimum (up to 4 teeth) .. .. .	16.90
Maximum (5 or more teeth) .. .. .	19.30
(3) Fees payable to a medical practitioner for administration of general anaesthetic for multiple extractions:	
(a) Endotracheal anaesthesia .. .. .	10.50
(b) Closed inhalation or intravenous anaesthesia .. .. .	6.30
(c) Open inhalation anaesthesia .. .. .	4.20

*Note:* Prior approval of the Medical Director-General or his authorised representative should be obtained before extractions under general anaesthesia are undertaken.

<i>Item</i>	<i>Rate</i> \$
<b>c. Fillings</b>	
(1) Amalgam:	
One surface .. .. .	3.75
Two surfaces .. .. .	4.30
Three surfaces .. .. .	5.20
(2) Synthetic porcelain and plastic restoration .. .. .	4.30
<b>d. Root Fillings</b>	
(1) Removal of pulp and root filling .. .. .	8.65
(2) Treatment of putrescent pulp and root filling—per each tooth .. .. .	14.40
(This procedure is limited to the 10 anterior teeth in each jaw)	
<b>e. Inlays and Crowns</b>	
(1) Gold inlays—To be done only if prior approval is obtained for work and fees which must not exceed .. .. .	15.55
(2) Crowns and bridgework—To be done only if prior approval of the Medical Director-General or his authorised representative is obtained regarding work and fee.	
<b>f. Prophylaxis</b>	
(1) Deciduous—Limited to one visit .. .. .	3.00
(2) Permanent—Limited to one visit .. .. .	4.50
<b>g. Periodontia</b>	
(1) <i>Acute</i>	
(a) Gingival infection—First visit .. .. .	3.50
(b) Subsequent visits—Negotiated fee with maximum for whole treatment of .. .. .	13.80
Fee is to be fixed by negotiation with a maximum for full periodontal treatment, when provided by a Specialist Periodontist, of .. .. .	72.45
<b>h. Orthodontia</b>	
To be done only if prior approval of the Medical Director-General or his authorised representative is obtained regarding both the work and fee. Fee is to be arranged by prior negotiation.	
Maximum fee payable .. .. .	276.00
<b>i. Oral Operations</b>	
To be done only if prior approval of the Medical Director-General or his authorised representative has been obtained:	
(1) Minor—To be done only by an approved dentist .. .. .	9.65
to	
14.50	
(2) Major—Fee to be fixed by prior negotiation.	
<b>j. Dentures</b>	
(1) Full upper or lower .. .. .	44.00
(2) Full upper and lower .. .. .	84.00
(3) Partial dentures:	
Up to 4 teeth with two clasps .. .. .	24.00
Each additional tooth or clasp .. .. .	2.40

<i>Item</i>	<i>Rate</i> \$
(4) Cast Metal Dentures:	
Basic denture (up to 4 teeth with two clasps) .. .. .	24.00
Each additional tooth or clasp .. .. .	2.40
Plus the cost of casting. (Prior approval to be obtained. Fee for casting by negotiation.)	
(5) Relining (processed) lower .. .. .	14.00
(6) Rebasing (processed) upper .. .. .	16.50
(7) Remodelling full upper or lower .. .. .	23.00
(8) Remodelling a part denture of more than four teeth .. .. .	18.50
(9) Remodelling of part denture of four teeth or less .. .. .	11.50
<b>Notes:</b>	
1. For partial dentures, the following definition of rests and clasps will apply:	
a. Occlusal rests, whether in cast or acrylic dentures, will be regarded as an integral part of the basic denture structure.	
b. A clasp, whether it has one, two or three arms will be regarded as one clasp for the purpose of assessment.	
2. In appropriate cases, specific approval may be given for the use of the functional impression technique (eg Hydro-cast) for rebasing dentures, the fee to be arrived at by negotiation:	
a. Where treatment is necessary for both upper and lower dentures—Maximum fee payable .. .. .	23.00
b. Where treatment is necessary for upper or lower denture—Maximum fee payable .. .. .	11.50
<b>k. Repairs to Dentures</b>	
(1) Ordinary fractures .. .. .	4.60
(2) Replacement of one tooth (or clasp).. .. .	5.20
Each additional unit .. .. .	2.00
(3) Addition of a new tooth (or clasp) .. .. .	6.35
Each additional unit .. .. .	2.00
<b>l. Topical Fluoride Application</b>	
To be done only if prior approval has been obtained for the work. Per application (maximum three applications) .. .. .	
	4.50
<b>m. X-rays</b>	
(1) X-rays (and, where required, a written report)—Up to two films .. .. .	2.60
(2) Each additional film .. .. .	0.90
(3) Full mouth—14 films .. .. .	12.95
(4) Extra oral-lateral (each side) .. .. .	4.85
<b>n. Sedative Dressings</b>	
Emergency treatment for relief of pain or control of haemorrhage (maximum of two treatments) .. .. .	
	1.75
<b>o. Consultation and Report</b>	
Consultation and examination if specifically requested and submission of report:	
(1) Local Dental Officer .. .. .	2.90
(2) Orthodontist and Periodontist .. .. .	5.75

<i>Item</i>	<i>Rate</i> \$	
(3) Oral Surgeon .. .. .	5.75	
(4) Senior Visiting Dental Officer (where for reasons of urgency or because sufficient cases have not accumulated in a reasonable time, it is necessary to see patients at rooms) .. .. .	6.90	
(5) Subsequent visits for (2), (3) and (4).. .. .	3.60	
<b>p. Dental Examinations for Enlistment Purposes</b>		
Such examinations would ordinarily be carried out by the examining Medical Officer or if necessary at a Service dental post.		
<b>q. Fees for Visiting Dental Officers for Sessions at Departmental or Service Establishments</b>		
	<i>First hour</i> \$	
	<i>Subsequent half hours</i> \$	
(1) Principal Visiting Dental Officer .. .. .	13.50	5.00
(2) Senior Visiting Dental Officer .. .. .	11.50	4.50
(3) Visiting Dental Surgeon .. .. .	10.50	4.50
(4) Visiting Dental Officer .. .. .	7.25	2.25
<b>r. Miscellaneous</b>		
Specialised treatment outside the scope of the abovementioned items. Fee to be arranged by prior negotiation, but prior approval of the Medical Director-General or his authorised representative is to be obtained both as to the work and the fee.		
<b>s. Papua and New Guinea</b>		
A surcharge of 15 per cent over mainland rates may be met for dental treatment provided in the Papua and New Guinea area.		
5. The authorised representatives of the Medical Director-General are the Senior Dental Surgeon, HMAS CERBERUS, the Command Dental Surgeon, East Australia Area, and the Fleet Dental Officer, HMAS MELBOURNE.		
6. Administrative Authorities are to maintain lists of local dental practitioners who are prepared to act at the above fees and promulgate in local orders. Copies of these lists are to be referred to Navy Office.		
7. Navy Order 595 of 1965 is hereby cancelled.		
(MDG 327/61/26)		
(Navy Order 595 of 1965)		
<b>RESTRICTED</b>		
<b>20—Wessex HAS 31A Pilot Qualification for Night A/S Sorties</b>		
1. To maintain operational efficiency and a high degree of safety for Wessex HAS Mark 31A night anti-submarine sorties, the following pilot training requirements are laid down.		
<b>General</b>		
2. No pilot is to fly a night anti-submarine sortie unless he has:		
a. Completed the Flight Control System Course in an A/S OPS.		
b. A current instrument card (Wessex).		

3. No pilot is to fly a night anti-submarine sortie as first pilot unless he has:
  - a. Flown at least one night FCS 3 training sortie (Two Stage Amber).
  - b. Flown at least one night FCS 3 training sortie as co-pilot.

*Note:* The sorties in 3 a. and b. are to have been flown with an experienced night anti-submarine pilot.

#### Continuation Training

4. All night anti-submarine qualified pilots are to be periodically checked for standardisation of techniques, procedures and flying accuracy. These check flights are to be carried out by a night anti-submarine qualified QFI (H) at intervals not exceeding six months. If a QFI (H) is not available, a suitably experienced night anti-submarine pilot is to be selected by the Squadron Commander to undertake these check flights.

5. All night anti-submarine qualified pilots are to review the following aspects of the FCS 3 every three months. These revisions should be achieved during crewroom lecture/supervised discussion periods:

- a. Procedures, drills and techniques.
- b. Trouble shooting techniques and system.
- c. Malfunctions and corrective actions.

#### Monthly Flying Requirements

6. The following monthly minimum flying is to be achieved by all night anti-submarine pilots to maintain operational efficiency:

- a. Instrument flight, actual or simulated—4 hours.  
(These hours may be achieved by using Two Stage Amber during routine anti-submarine sorties.)
- b. Automatic transitions:  
Day—12 transitions.  
Night—6 transitions or two night A/S sorties.
- c. Night Flying—2 hours in addition to a.

*Note:* In the event of a pilot not maintaining these monthly minima, Paragraph 3 above will apply.

#### Refamiliarisation of Pilots

7. Prior to flying a night anti-submarine sortie, the following minimum training sorties are to be flown by all pilots who have not flown FCS Mark 3 procedure for a period in excess of three months:

- a. Day clear hood—1 hour (6 transitions).
- b. Day Two Stage Amber—1 hour (6 transitions).
- c. Night—2 hours (10 transitions).

*Note:* All sorties are to be flown with an experienced night anti-submarine qualified pilot. Mutual familiarisation is permitted.

#### Log Book Notations

8. a. Pilots will log 'actual' instrument flying for all night FCS 3 flying.
  - b. The first pilot will log the total 'actual' instrument flying carried out during a sortie. The co-pilot will log only the time that he was physically controlling the aircraft.
  - c. All pilots will log the total number of transitions carried out during a sortie, categorising them as 'actual' or 'simulated'.
9. Navy Order 111 of 1965 is hereby cancelled.

(DNAP 311/201/98)

(Navy Order 111 of 1965)

## Section 3 OPERATIONAL AND TRAINING

### RESTRICTED

#### 21—Anti-submarine Air Controllers—Training

1. In order to ensure that efficient anti-submarine air controllers are available for the S2E Tracker and Wessex 31B aircraft being introduced into service in 1968, the following arrangements have been made:

#### Qualifications

2. Personnel qualified in helicopter control will remain so qualified.
3. Anti-submarine aircraft control qualifications will be as follows:

##### a. ASAC2:

- (1) Officers or sailors who successfully complete the ASAC Course at HMAS WATSON and pass the practical test at sea (Course No 903290.)
- (2) Officers and sailors on qualifying as ASAC in the USN. (Course No 903300.)
- (3) D and SDPR officers who have obtained a helicopter control qualification in the United Kingdom, and satisfactorily completed a three-day cross-training course at HMAS WATSON (*see note*). (Course No 901481.)

- b. ASAC 1 (Qualification No 03180). Officers and sailors who reach a high standard of control after suitable experience as ASAC 2. As a guide, an ASAC 2 should have logged at least 20 hours live control including control during a co-ordinated ASW action, before being considered for up-grading to ASAC 1.

*Note:* Depending on their experience some of these officers will be suitable for immediate up-grading to ASAC 1 after cross-training.

4. Up-grading from ASAC 2 to ASAC 1, HC 2 to ASAC 2 or HC 1 to ASAC 1 may be authorised by:

- a. The ND School HMAS WATSON.
- b. The Direction Officer (D) of HMA Ships.
- c. The Direction Officer (D) MELBOURNE Air Group.
- d. In ships where no Direction Officer is carried the Senior DL or SDPR Officer qualified ASAC 1.

#### Maintaining Qualifications

5. In order to maintain proficiency in air control skills required, Commanding Officers are to make every endeavour to ensure that qualified controllers log a minimum of 10 hours live or synthetic control per half year.

6. Commanding Officers of ships are to make full use of ship-board facilities for the maintenance of qualifications.

#### Control Rules

7. ASW aircraft are given either Positive Control or Self Control. The maximum number of aircraft to be controlled at any one time is at the discretion of the command. Restrictions effecting the grade of controller differs with the two different types of aircraft and are as follows:

##### a. Helicopters:

- (1) ASAC 2 (or HC 2) may not control helicopters by night, in low visibility, or in co-ordinated ASW action.
- (2) ASAC 1 (or HC 1) may control helicopters under all conditions.

b. *Fixed Wing:*

- (1) ASAC 2 may control aircraft under all conditions except co-ordinated ASW action when other aircraft are co-operating.
- (2) ASAC 1 may control aircraft under all conditions.

*Notes:*

1. Captains are to arrange for Grade 1 controllers who will control aircraft in a co-ordinated ASW action to be given suitable tactical training.
2. Grade 2 controllers may practice control under Grade 1 conditions when supervised by a Grade 1 controller.

**Training**

8. As from 1 January 1968 Helicopter Control Courses will cease and Anti-submarine Air Control Courses will take their place. The object of these courses will be to train personnel to the present standard of helicopter control, at the same time qualifying them in the control of fixed wing anti-submarine aircraft, particular emphasis being placed on the control of the S2E Tracker.

9. The Course (No 903290) will consist of a two week phase at HMAS WATSON to include training on the Solartron Trainer, with a one week period at sea to study the practical control of ASW aircraft.

10. It will not be possible to post helicopter controllers to HMAS WATSON for cross-training, and ships and establishments are to make arrangements direct with HMAS WATSON for a three day cross-training course when possible. Qualification 03290 is to be awarded on satisfactory completion of cross-training.

11. During the early months of 1968 in particular, there may be occasions when ships without qualified ASACs will be programmed to work with S2E aircraft. In such cases arrangements will be made by the Flag Officer Commanding, Her Majestys Australian Fleet, for team training at HMAS WATSON and the loan of ASAC 1 from HMAS WATSON as requisite.

12. As from the 1 January 1968 RP Courses will include an element of fixed wing ASW aircraft control procedures.

**Complements**

13. The aim is to provide ASACs to ships as shown below. It will be some time before this aim is achieved.

				<i>ASAC 1</i>	<i>ASAC 2</i>
CVS..	..	..	..	2	2
DDG	..	..	..	2	2
Escorts	..	..	..	2	3
				(one officer, one sailor)	(one officer, two sailors)

*Notes:*

1. CVS and DDG numbers are in addition to the D, DL and SDPR Officers borne.
2. DDG numbers include two cross-trained AIC/ASAC.
3. Total numbers of sailors in CVS will be increased to six ASAC if practicable.
4. It will seldom be possible to post officers for ASAC Courses as PCT, and Commanding Officers are to take every opportunity to arrange for Courses direct with HMAS WATSON.

14. Action will be taken by the Posting Authority to post sailors to HMAS WATSON for an ASAC Course as part of PCT to ensure the correct number of ASACs are borne. Where personnel qualified as ASAC have been divorced from ASAC matters for a considerable period, they will be posted for a refresher course at HMAS WATSON before proceeding to their ships.

**Reporting Results**

15. HMAS WATSON is responsible for reporting results of courses, the authority concerned reporting up-grading in accordance with Paragraph 4. Form AS16A is to be used. HMAS WATSON should also be informed of up-gradings.

16. Navy Order 85 of 1967 is cancelled. ABR 27 and Schemes of Complement will be amended.

(DMT 303/221/82)

*(Navy Order 85 of 1967)***UNCLASSIFIED****22—Diving—Hard Work—Use of Decompression Tables***(DCI (RN) 1254/1967)*

1. A recent severe case of decompression sickness has emphasised the need for particular attention by MCD/CD and Supervisory Officers to the correct use of decompression tables.

2. Whenever a diver exerts himself unduly, his body absorbs more gas than usual and he will require a longer period of decompression to eliminate this gas. On all occasions when hard physical work is carried out by a diver the decompression routine for the dive is to be taken as that for the next longer time increment for the dive.

3. In mixture breathing there is the additional problem that the high consumption of gas, caused by severe exercise, will increase the relative percentage of nitrogen in the counter lung. (It is for this reason that the reducer flow is increased for underwater swimming.) The equivalent air depths and standard flow rates in ABR 155 are to be strictly adhered to and the counter lung is always to be flushed through before starting the ascent.

*(DTWP 177/1/107)***Section 4****EQUIPMENT, STORES AND SERVICING****UNCLASSIFIED****23—Alteration and Addition Item—HMAS DIAMANTINA**

The following Alteration and Addition Item is approved to be carried out in HMAS DIAMANTINA:

*Class List Item No 638 (Ex TDL 'DA')*

- a. *Item:* To remove and land 'A' Gun Deck complete with Barbette. Existing access ladder to 'B' Gun Deck to be extended.
- b. Weight saving to be reported by ship on completion of the item.
- c. *Reference:* HMAS DIAMANTINA Form AS 1182 TDL 'DA' dated 8 March 1967, forwarded under cover of NOIC WA Memorandum 56/8/33 dated 31 May 1967.

*(CNTS 1224/56/187)*

## UNCLASSIFIED

**24—Alteration and Addition Item—HMA Ships—General Fleet Fitting**

The following Alteration and Addition Item is approved for the undermentioned ships:

<i>Ship or Class</i>	<i>Class List</i>		<i>Ex TDL</i>
	<i>Item No</i>	<i>Item No</i>	
MELBOURNE .. .. .	224	'NMBZ'	
SYDNEY .. .. .	361	'NYAN'	
SUPPLY .. .. .	61	'NLBU'	
MORESBY .. .. .	38	'NHAD'	
Type 12 Destroyer Escorts .. .. .	348	'NFEH'	
Daring Class Destroyers .. .. .	115	'NDCE'	
DDGs .. .. .	11	'NSAF'	
DIAMANTINA .. .. .	639	'NRAF'	
QUEENBOROUGH .. .. .	612	'NQBD'	
ANZAC .. .. .	188	'NBBU'	
STALWART .. .. .	1	'NTA'	

a. *Item:* To fit an indicating light in a conspicuous position to indicate that electrical supply is available to the domestic refrigerator containing medical supplies.

b. Weight compensation is not required, however the work is not to be undertaken in HMA Ships STUART and DERWENT until the moratorium on weight is lifted.

(CNTS 400/2/719)

## UNCLASSIFIED

**25—Naval Stores (General) Class Group 0473—Weed Killer**

1. Bromocil weed killer has been introduced for general use in the RAN in lieu of Telvar weed killer. Bromocil weed killer is to be purchased to Specification No DMS-106.

2. Bromocil weed killer is obtainable in two types and is accountable for under Class Group 0473 Type I in powder form in 2 lb and 50 lb packages:

*Herbicide* .. .. . Pattern 6840-66-027-4010 (2 lb)  
Pattern 6840-66-027-4011 (50 lb)

Type II in pellet form in 10 lb and 50 lb packages:

*Herbicide* .. .. . Pattern 6840-66-027-4012 (2 lb)  
Pattern 6840-66-027-4013 (50 lb)

3. Type I is mixed with water and applied as a spray. Rega type knapsack sprayers stocked under Class Group 0264 are suitable for application of Type I, provided provision is made for continuous agitation during use. Type II is used dry by spreading evenly over the ground for spot treatment or in areas difficult of access with spray equipment.

4. Bromocil weed killer is non-flammable and non-volatile, and is low in toxicity to men and animals when used in accordance with the manufacturers directions. Precautions to be taken during storage and use are included on the label of packages and should be observed at all times.

5. The weed killer is to be used strictly in accordance with the manufacturers instructions which are printed on the label of each package. For any further detailed instructions for use, or for use on any specific weeds or grasses, the suppliers nearest representative should be consulted.

6. The weed killer is not to be used on or near desirable trees or plants or on areas where their roots may extend, or on areas where the chemical may be washed or moved into contact with their roots. The effects of the weed killer are slow to appear and may not become apparent until the chemical has been carried to the root zone of the weeds by moisture. The degree of control and duration of effect will vary with the amount applied, soil type, rainfall and other conditions.

7. Navy Order 196 of 1965 is hereby cancelled.

(DNS 512/76/20)

(Navy Order 196 of 1965)

## UNCLASSIFIED

**26—Stores General (Group Class 5120)—Hand Tools, Nonedged, Nonpowered, Obsolescent Federal Stock Numbers**

1. The USA has advised that the undermentioned Federal Stock Numbers for Non-standard Items are replaced by Standard Items.

2. Accordingly, the Federal Stock Numbers have been declared obsolescent superseded by the Standard Item, as follows:

<i>Obsolescent Item</i>			<i>Superseding Item</i>	
<i>Group Class</i>	<i>Catalogue No</i>	<i>Item Name</i>	<i>Group Class</i>	<i>Catalogue No</i>
5120	00-190-5540	Igniter, Friction .. .. .	5120	00-965-0326
5120	00-293-0187	Pliers, Retaining Ring .. .. .	5120	00-595-9550
5120	00-254-9956	Flint Tip, Friction .. .. .	5120	00-965-0603
5120	00-293-2227	Pliers, Retaining Ring .. .. .	5120	00-288-9085
5120	00-596-9620	Wrench, Ratchet .. .. .	5120	00-831-1054
5120	00-254-9956	Flint Tip, Friction Igniter .. .. .	5120	00-965-0603
5120	00-244-6751	Wrench, Torque .. .. .	5120	00-900-1283
5120	00-260-0883	Vise, Machinists .. .. .	5120	00-293-1439

3. The obsolescent symbol 'O' is to be inserted against all records of the item.

4. Ships and establishments are to continue to demand the old Federal Stock Number until advice is received that stocks are exhausted.

(DSAP 506/71/558)

## UNCLASSIFIED

**27—Stores General (Group Class 5305)—Screws—Change of Stock Numbers**

1. The Stock Numbers of the undermentioned items have been changed as follows:

<i>Old Stock No</i>		<i>Item Name</i>	<i>New Stock No</i>	
<i>Group Class</i>	<i>Catalogue No</i>		<i>Group Class</i>	<i>Catalogue No</i>
5305	00-013-8250	Screw, Cap, Socket, Head .. .. .	5305	00-273-6502
5305	00-017-9838	Bolt, Machine .. .. .	5305	00-362-0737
5305	00-018-0128	Screw, Cap, Hexagon Head .. .. .	5305	00-543-4497
5305	00-042-7223	Screw, Machine .. .. .	5305	00-271-5227

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue No		Group Class	Catalogue No
5305	00-043-5610	Screw, Machine	5305	00-059-4904
5305	00-059-3409	Screw, Cap, Socket Head	5305	00-207-7519
5305	00-064-8490	Screw, Cap, Socket Head	5305	00-978-9355
5305	00-096-1816	Screw	5305	00-768-4859
5305	00-206-2064	Screw, Machine	5305	00-638-4524
5305	00-207-0134	Screw, Machine	5305	00-182-1344
5305	00-207-5579	Screw, Machine	5305	00-208-6433
5305	00-207-7069	Screw, Machine	5305	00-370-1167
5305	00-207-7472	Screw, Machine	5350	00-370-0926
5305	00-208-1860	Screw, Drive	5305	00-175-3230
5305	00-209-3682	Thumbscrew	5305	00-207-4967
5305	00-252-3391	Sealing Compound	8030	00-252-3391
5305	00-264-2351	Screw, Machine	5305	00-208-0786
5305	00-271-7637	Screw, Machine	5305	00-282-2289
5305	00-271-8091	Screw, Machine	5305	00-174-1169
5305	00-272-7352	Screw, Cap, Socket Head	5305	00-273-7406
5305	00-273-6287	Screw, Cap, Socket Head	5305	00-273-6439
5305	00-273-6472	Screw, Cap, Socket Head	5305	00-866-7395
5305	00-282-4421	Screw, Machine	5305	00-638-5411
5305	00-282-9153	Screw, Machine	5305	00-054-5650
5305	00-284-5575	Knob	5355	00-245-0404
5305	00-285-5180	Screw, Cap, Hexagon Head	5305	00-206-0012
5305	00-285-5718	Screw, Machine	5305	00-058-6836
5305	00-286-3806	Screw, Machine	5305	00-754-4253
5305	00-290-2572	Screw, Machine	5305	00-011-0499
5305	00-298-2469	Screw, Machine	5305	00-637-1448
5305	00-307-3443	Screw, Machine	5305	00-638-8669
5305	00-316-2907	Screw, Machine	5305	00-637-4850
5305	00-332-8882	Screw, Machine	5305	00-638-2303
5305	00-391-9721	Stud	5815	00-391-9721
5305	00-392-0211	Bolt	5306	00-392-0211
5305	00-392-1751	Screw, Shoulder	5305	00-297-2151
5305	00-392-2107	Screw, Machine	5305	00-206-8638
5305	00-448-2177	Spring	5815	00-448-2177
5305	00-448-3697	Screw, Machine	5305	00-448-3642
5305	00-497-3971	Screw, Machine	5305	00-702-4555
5305	00-515-7574	Screw, Machine	5305	00-298-4530
5305	00-530-9756	Screw, Machine	5305	00-043-6732
5305	00-537-8248	Screw, Machine	5305	00-208-6431
5305	00-543-4502	Screw, Cap, Socket Head	5305	00-579-4146
5305	00-543-4602	Screw, Machine	5305	00-282-4489
5305	00-571-2405	Screw, Cap, Socket Head	5305	00-988-3610

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue No		Group Class	Catalogue No
5305	00-579-1273	Screw, Machine	5305	00-558-2865
5305	00-579-1416	Screw, Machine	5305	00-550-5001
5305	00-579-3016	Screw, Machine	5305	00-550-5002
5305	00-579-3019	Screw, Machine	5305	00-639-4777
5305	00-579-3025	Screw, Machine	5305	00-543-2768
5305	00-579-3028	Screw, Machine	5305	00-531-9521
5305	00-579-4148	Screw, Cap, Socket Head	5305	00-579-4633
5305	00-579-4153	Screw, Cap, Socket Head	5305	00-042-6816
5305	00-582-5681	Screw, Machine	5305	00-543-2786
5305	00-584-5427	Screw, Machine	5305	00-022-7053
5305	00-588-0574	Screw, Machine	5305	00-543-4358
5305	00-605-3786	Screw, Machine	5305	00-043-6640
5305	00-608-5663	Screw, Cap, Socket Head	5305	00-543-4564
5305	00-608-5664	Screw, Cap, Socket Head	5305	00-680-4250
5305	00-610-7744	Screw, Cap, Socket Head	5305	00-042-6892
5305	00-614-3448	Screw, Machine	5305	00-059-8021
5305	00-616-2386	Screw, Machine	5305	00-059-8461
5305	00-616-8117	Screw, Cap, Socket Head	5305	00-042-6747
5305	00-619-1332	Setscrew	5305	00-543-5289
5305	00-624-1525	Screw, Machine	5305	00-721-4609
5305	00-625-5740	Screw, Cap, Hexagon Head	5305	00-655-6363
5305	00-637-1448	Screw, Machine	5305	00-324-8773
5305	00-637-5374	Screw, Machine	5305	00-208-6403
5305	00-638-1703	Screw, Machine	5305	00-398-2473
5305	00-639-2859	Screw, Machine	5305	00-543-5821
5305	00-639-6397	Screw, Machine	5305	00-285-5581
5305	00-639-7516	Screw, Machine	5305	00-370-0922
5305	00-677-1908	Stud, Teletypewriter	5815	00-677-1908
5305	00-677-2290	Screw, Machine	5305	00-754-4181
5305	00-677-2291	Screw, Machine	5305	00-721-4608
5305	00-680-5779	Screw, Machine	5305	00-059-8024
5305	00-680-9158	Screw, Machine	5305	00-059-8446
5305	00-701-2534	Screw, Machine	5305	00-285-5577
5305	00-701-8697	Screw, Shoulder	5305	00-754-4259
5305	00-702-8908	Screw, Machine	5305	00-576-7493
5305	00-785-0037	Spring	5815	00-785-0037
5305	00-802-4448	Screw, Machine	5305	00-543-2799
5305	00-802-9248	Screw, Machine	5305	00-059-7906
5305	00-810-3623	Screw, Self Locking	5305	00-753-4454
5305	00-839-2510	Screw, Cap, Socket Head	5305	00-273-7443
5305	00-952-6592	Screw, Machine	5305	00-045-1628
5305	00-952-7762	Screw, Machine	5305	00-022-7059



Old Stock No		Item Name	New Stock No	
Group Class	Catalogue No		Group Class	Catalogue No
5305	00-978-9793	Setscrew .. .. .	5305	00-717-6950
5305	00-282-4205	Screw, Machine .. .. .	5305	00-149-9896
5305	00-768-1745	Screw, Machine .. .. .	5305	00-054-5647

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual), Article 1812.

(DSAP 506/61/526)

#### UNCLASSIFIED

##### 28—Naval Stores—General—Tradesmans Tool Kits, Hammer, Hand, Machinists, Ball Pein

1. It has been decided to introduce the following item:

Group Class	Catalogue No	Description	Acctg Classn
5120	66-010-8484	HAMMER, HAND, Machinists, ball pein, 1½ lb	Permanent

2. Experience has shown that the 0274-910-4650 Hammer, ball pein, 1 lb at present included in various trademans tool kits is not of sufficient weight for certain heavy duty tasks required to be undertaken.

3. It has therefore been decided to progressively replace the 0274-910-4650 Hammer with the 5120-66-010-8484 Hammer in Tool Kits A1, A2, A3, A4, A10, A12, E1 and NS5 as stocks of the former become exhausted.

4. An amendment to LE 48 will be issued in due course.

(DSAP 506/83/54)

#### UNCLASSIFIED

##### 29—Naval Stores—Paints, Oils, Greases, Inflammables (Group Classes 0442/0474/0475) Re-identification to Defence Stock Numbers

1. Following a decision to standardise on the Denomination of Quantity, amendments to the DQ as shown in Navy Order 146 of 1967 are to be effected, together with other amendments as indicated hereunder.

Item No	Group Class	Catalogue No	Amendment Action
1	8030	66-023-3110	In Col 8 (DQ): amend 'DM' to read 'GL'
2	9150	66-023-3115	amend 'DM' to read 'GL'
5	5610	66-023-3010	amend 'TI' to read 'GL'
6	5610	66-023-3009	amend 'DM' to read 'GL'
7	5610	66-023-3011	amend 'TI' to read 'GL'
8	5610	66-023-3012	amend 'DM' to read 'GL'
9	5610	66-023-3013	amend 'DM' to read 'GL'
10	5610	66-023-3014	amend 'TI' to read 'GL'
11	5610	66-023-3015	amend 'DM' to read 'GL'
12	8010	66-011-0893	amend 'TI' to read 'GL'
13	8010	66-023-3004	amend 'DM' to read 'GL'
14	8010	66-011-0474	amend 'TI' to read 'GL'

Item No	Group Class	Catalogue No	Amendment Action
15	8010	66-023-4039	In Col 5: amend 'Enamel' to read 'Paint, Oil'. In Col 8 (DQ): amend 'TI' to read 'GL'
16	8010	66-023-2982	amend 'TI' to read 'GL'
17	8030	66-023-3016	amend 'TI' to read 'GL'
18	8030	66-011-3420	amend 'TI' to read 'GL'
19	8010	66-023-3017	amend 'DM' to read 'GL'
20	8010	66-011-0683	amend 'TI' to read 'GL'
21	8010	66-011-0684	amend 'TI' to read 'GL'
22	8010	66-023-3018	amend 'DM' to read 'GL'
23	8010	66-011-4513	In Col 4: amend Cat No to read '66-010-4513'
24	8010	66-011-0679	In Col 8 (DQ): amend 'TI' to read 'GL'
25	8010	66-023-3020	amend 'DM' to read 'GL'
27	8010	66-013-1934	amend 'TI' to read 'GL'
28	8010	66-023-3021	amend 'DM' to read 'GL'
30	8010	66-013-1933	amend 'DM' to read 'GL'
31	8010	66-023-3023	amend 'TI' to read 'GL'
32	8010	66-018-5125	amend 'TI' to read 'GL'
34	8010	66-010-0002	amend 'TI' to read 'GL'
36	8010	66-010-0004	amend 'TI' to read 'GL'
38	8010	66-011-2238	amend 'TI' to read 'GL'
40	8010	66-010-0009	amend 'TI' to read 'GL'
43	8010	66-010-0014	amend 'TI' to read 'GL'
46	8010	66-010-0016	amend 'TI' to read 'GL'
49	8010	66-023-2990	amend 'TI' to read 'GL'
51	8010	66-023-3025	amend 'TI' to read 'GL'
52	8010	66-023-3026	amend 'DM' to read 'GL'
53	8010	66-010-0025	amend 'TI' to read 'GL'
54	8010	66-010-0027	amend 'TI' to read 'GL'
55	8010	66-023-3029	amend 'TI' to read 'GL'
56	8010	66-010-0032	amend 'TI' to read 'GL'
58	8010	66-010-0114	amend 'TI' to read 'GL'
59	8010	66-023-3002	amend 'DM' to read 'GL'
61	8010	66-010-0115	amend 'TI' to read 'GL'
62	8010	66-023-3003	amend 'DM' to read 'GL'
64	8010	66-010-0003	amend 'TI' to read 'GL'
65	8010	66-023-2993	amend 'DM' to read 'GL'
67	8010	66-011-2458	amend 'TI' to read 'GL'
68	8010	66-023-2994	amend 'TI' to read 'GL'
69	8010	66-023-2995	amend 'DM' to read 'GL'
71	8010	66-011-2460	amend 'TI' to read 'GL'
72	8010	66-023-2997	amend 'DM' to read 'GL'
74	8010	66-010-0013	amend 'TI' to read 'GL'
75	8010	66-023-2998	amend 'DM' to read 'GL'

Item No	Group Class	Catalogue No	Amendment Action
77	8010	66-010-0017	In Col 8 (DQ): amend 'TI' to read 'GL'
78	8010	66-023-2999	amend 'DM' to read 'GL'
81	8010	66-010-0018	amend 'TI' to read 'GL'
82	8010	66-010-0051	amend 'TI' to read 'GL'
83	8010	66-023-3005	amend 'DM' to read 'GL'
84	8010	66-023-3008	amend 'TI' to read 'GL'
85	8010	66-023-3006	amend 'TI' to read 'GL'
86	8010	66-023-3007	amend 'DM' to read 'GL'
87	8010	66-013-2383	amend 'TI' to read 'GL'
88	8010	66-023-3031	amend 'TI' to read 'GL'
89	8010	66-023-3032	amend 'DM' to read 'GL'
90	8010	66-010-0048	amend 'TI' to read 'GL'
91	8010	66-010-0050	amend 'TI' to read 'GL'
92	8010	66-023-3033	amend 'DM' to read 'GL'
93	8010	66-023-2983	amend 'TI' to read 'GL'
94	8010	66-011-8093	Delete in entirety (Duplication of Item 12)
95	8030	66-011-8621	In Col 8 (DQ): amend 'TI' to read 'GL'
96	8030	66-011-8058	amend 'DM' to read 'GL'
97	8030	66-023-3035	amend 'DM' to read 'GL'
98	6850	66-011-7284	amend 'TI' to read 'GL'
99	6850	66-023-3034	amend 'DM' to read 'GL'
100	8030	66-022-9298	amend 'DM' to read 'GL'
101	6850	66-023-3110	In Col 3: delete '6850', insert '8010' In Col 4: delete '66-023-3110', insert '66-024-1241' In Col 5: delete 'Dry Cleaning Solvent', insert 'Thinner, Paint, Mineral Spirits' In Col 8: amend 'DM' to read 'GL'
102	9620	66-023-3117	In Col 8 (DQ): amend 'TI' to read 'LB'
103	9150	66-017-1445	amend 'TI' to read 'LB'
104	9150	66-019-0023	amend 'TI' to read 'LB'
105	8030	66-023-3116	amend 'TI' to read 'LB'
106	8030	66-011-8054	amend 'TI' to read 'LB'
107	8030	66-011-8052	amend 'TI' to read 'LB'
108	9150	66-023-3113	amend 'TI' to read 'LB'
109	9150	66-023-3114	amend 'TI' to read 'LB'
110	9150	66-011-8045	amend 'TI' to read 'GL'
111	9150	66-019-0019	amend 'DM' to read 'GL'
113	9150	66-023-3119	amend 'TI' to read 'GL'
114	9150	66-023-3120	amend 'DM' to read 'GL'
115	8030	66-016-5727	amend 'TI' to read 'GL'
116	8030	66-023-9255	amend 'DM' to read 'GL'
117	6850	66-011-8055	In Col 3: amend '6850' to read '8030' In Col 5: delete 'Inhibitor, Corrosion, Lubricating Oil', insert 'Corrosion Preventive Compound' In Col 8: amend 'DM' to read 'GL'

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual), Article 1812.

(DSAP 512/51/85)

(Navy Order 146 of 1967)

## Section 6 ESTABLISHMENTS

### UNCLASSIFIED

#### 30—Fire Prevention and Control—Establishments

1. Attention is drawn to the instructions regarding fire prevention and control in establishments contained in RI (ABR 5016), Article 5605 and other publications referred to therein; in particular it is desired to stress the importance of reviewing regularly the organisation and equipment, including water supply, means of escape, etc, necessary to deal adequately with fire and explosions should they occur, and the steps required to prevent their occurrence.

2. Fire drills are to be conducted at frequent intervals and instruction given in the use of all fire-fighting appliances. These activities when practicable should be carried out in liaison with the local civil fire authority.

3. Fire drills and instruction should emphasise, inter alia, the conditions necessary for the effective use of fire-hose when connected to internal hydrants. In this regard it is essential that the hose should be laid out and handled in such a way as to provide for the unimpeded flow of water throughout its length, otherwise the hose may kink and this could cause it to burst. The opening of the hydrant-valve should also be carried out with due caution, and the hose adequately manned, to prevent the 'threshing' that can occur, with consequent damage to persons and property, when a hose is suddenly charged with high-pressure water.

4. Every effort should be made to inculcate in all personnel a 'fire-consciousness' and an awareness of the need to take all possible precautions at all times to prevent outbreaks of fire.

5. Navy Order 147 of 1965 is hereby cancelled.

(DNW 1446/1/27)

(Navy Order 147 of 1965)

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1. The purpose of this document is to provide information regarding the activities of the [redacted] in the [redacted] area. This information is being provided to you for your information only and is not to be disseminated outside your agency.

2. The information contained in this document is classified as [redacted] because it relates to the internal security of the United States and the defense of the United States against espionage.

3. This information is being provided to you under the authority of [redacted] and is to be used only for the purposes stated in this document. It is to be kept confidential and is not to be disseminated outside your agency.

4. If you have any questions regarding this document, please contact [redacted].

Item No.	Description	Quantity	Unit Price	Total Price
101	[redacted]	100	1.00	100.00
102	[redacted]	200	2.00	400.00
103	[redacted]	300	3.00	900.00
104	[redacted]	400	4.00	1600.00
105	[redacted]	500	5.00	2500.00
106	[redacted]	600	6.00	3600.00
107	[redacted]	700	7.00	4900.00
108	[redacted]	800	8.00	6400.00
109	[redacted]	900	9.00	8100.00
110	[redacted]	1000	10.00	10000.00

Approved: [redacted]  
Special Agent in Charge

1. This document is classified as [redacted] because it contains information that is so classified.

RESTRICTED

ANO's 31-50/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
5 February 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

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## Section 1

### ADMINISTRATIVE AND GENERAL

#### UNCLASSIFIED

#### 31—Pilotless Target Aircraft Unit—General Information

1. The KD 2R5 Radio Controlled Pilotless Target Aircraft (short title PTA) has been introduced into the Service for training of ships Anti-aircraft Gunnery and Guided Weapons teams.
2. The principal characteristics of pilotless target aircraft are:
  - Manufacturer*—Radioplane Co, Van Nuys, California, USA.
  - Type*—Single engine monoplane.
  - Speed*—200 + knots.
  - Endurance*—1 hour.
  - Range*—PTA are gyro stabilised and can be flown 'out of sight' under radar observation. Practical operating range is approximately 10 miles.
  - Dimensions*—Length: 12 ft 3 in.  
Span: 13 ft 2 in.  
Height: 3 ft.
  - Radio Frequency*—406–420 mc/s.
  - Launch*—Solid propellant rocket from a portable zero length launcher from ashore or ship.
  - Recovery*—Parachute.
3. FOICEA will be responsible for the allocation of pilotless target aircraft to meet all requirements. Ships will be allocated a pilotless target aircraft for AA firings as follows:
  - During Work-up—Two firings.
  - Continuation Training—One firing every six months.
  - For Seacat—On each occasion of firing a missile.
4. The Officer-in-Charge of the PTA Unit will be responsible to Commander (Air), HMAS ALBATROSS for:
  - a. The control and operation of PTA, and the training of controllers in operating technique.
  - b. The training of sailors in the maintenance and servicing of targets.
  - c. Carrying out such trials as may be required.
  - d. Developing launching, operating and recovery techniques.
  - e. Writing and issuing servicing schedules.
  - f. Analysis of flying achieved, and records of use of targets.
  - g. Advising the Naval Board on scales of target spares, and ground equipment required through the normal administrative channels.
5. The Officer-in-Charge of the PTA Unit will be responsible to the Commanding Officer of the ship or establishment to which the unit is attached for the discipline, welfare, etc, of the personnel of the unit.
6. The Captain, RAN Air Station, Nowra, will be responsible to his Administrative Authority for the execution of the task.

7. Instructions of the 'Operation and Accounting Procedures for PTA, KD 2R5' are promulgated in ABR 5052.

8. Navy Order 122 of 1965 is hereby cancelled.

(DNAP 1606/203/49)

(Navy Order 122 of 1965)

## Section 2 PERSONNEL

UNCLASSIFIED

### 32—Charges for Victualling and Accommodation in HMA Ships and Naval Establishments

The following amendment, operative from 1 July 1967, is to be made to Navy Order 623 of 1966:

#### Appendix:

Part B (ii) Overseas Personnel:

Delete '\$2.50' in each column and insert '\$3.50' in lieu.

(DNA 201/58/14)

(Navy Order 623 of 1966)

## Section 4 EQUIPMENT, STORES AND SERVICING

UNCLASSIFIED

### 33—Made-to-Measure Uniforms for Sailors at Melbourne, Sydney, Brisbane and Perth—1967-68

1. Navy Order 422 of 1967 is to be amended as follows:

Sailors, Class I, II and III:

Insert new items as follows:

Item	Contractor	New Price to be Inserted \$
Coat, mans, cloth, wool, serge No 2, double breasted, with gilt buttons, CPO	M. Leiboff and Son, Brisbane	37.00
Coat, mans, cloth, wool, serge No 2, double breasted, with gilt buttons, PO	M. Leiboff and Son, Brisbane	36.60
Coat, mans, drill, white, with blue facings, w/o buttons	Evers and Cohen, Sydney ..	8.53
Coat, mans, drill, white, with gilt buttons, CPO	Evers and Cohen, Sydney ..	9.10
Coat, mans, drill, white, with gilt buttons, CPO	M. Leiboff and Son, Brisbane	15.35
Coat, mans, drill, white, with gilt buttons, PO	Evers and Cohen, Sydney ..	9.10
Coat, mans, drill, white, with gilt buttons, PO	M. Leiboff and Son, Brisbane	15.26
Coat, mans, drill, white, w/o buttons, Class I and III and NAA	M. Leiboff and Son, Brisbane	14.76

Item	Contractor	New Price to be Inserted \$
Trousers, mens, cloth, wool, serge No 2, Class I and III	Evers and Cohen, Sydney ..	11.48
Trousers, mens, cloth, wool, serge No 2, Class I and III	M. Leiboff and Son, Brisbane	13.68
Trousers, mens, drill, white, Class I and III	M. Leiboff and Son, Brisbane	8.88

2. This order will be reprinted for posting on notice boards.

(D of V 930/52/34)

(Navy Order 422 of 1967)

UNCLASSIFIED

### 34—Officers Performing Specialist Duties

1. The Naval Board attach great importance to specialist officers maintaining an up-to-date and accurate knowledge of their sub-specialisations and the attention of all such officers is to be brought to this order.

2. Commanding Officers are to ensure that officers have ready access to any order, book of reference or other publication which affects their specialist duties.

3. RI Article 2726 is relevant.

(DOA 303/1/72)

UNCLASSIFIED

### 35—RAN, RANR and ASCC Officers and Chaplains Made-to-Measure Uniforms at Melbourne, Sydney, Perth and Brisbane—1967-68

1. Navy Order 426 of 1967 is to be amended as follows:

Appendix F:

Insert new items as follows:

Item	Contractor	New Price to be Inserted \$
Coat, mans, cloth, wool, serge No 2, officer (unlaced)	M. Leiboff and Son, Brisbane	36.80
Coat, mans, cloth, wool, venetian No 1, officer (unlaced)	M. Leiboff and Son, Brisbane	43.60
Coat, mans, drill, white, with gilt buttons (excluding shoulder straps)	M. Leiboff and Son, Brisbane	15.35
Coat, mans, drill, white, w/o gilt buttons (excluding shoulder straps)	M. Leiboff and Son, Brisbane	14.76
Trousers, mens, cloth, wool, serge No 2	M. Leiboff and Son, Brisbane	14.22
Trousers, mens, cloth, wool, venetian No 1	M. Leiboff and Son, Brisbane	19.32
Trousers, drill, white	M. Leiboff and Son, Brisbane	8.88

Appendix G:

Insert new item as follows:

Coat, mans, drill, khaki	Commonwealth Government Clothing Factory	13.60
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2. This order will be reprinted for posting on notice boards.

(D of V 930/52/34)

(Navy Order 426 of 1967)

## UNCLASSIFIED

**36—Results of Passing Out and Higher Education Test—  
HMAS LEEUWIN—December 1967**

1. The pass marks obtained by Junior Recruits at the Passing Out and Higher Educational Tests held in HMAS LEEUWIN are shown in the Annex to this order.

2. The results of the above test have been adjusted to the HET standard and the sailors mentioned in the Annex have been granted passes in the subjects indicated.

3. Commanding officers are to ensure that the Certificates of Service of those concerned are noted in the appropriate section.

**ANNEX  
HMAS LEEUWIN—Passing Out Examinations**

Name	Rank	O/N	III Geography	IV Navigation	V Mathematics	VII Magnetism and Electricity	VIII English Expression	Remarks
ANDREW, Darryl G.	JR1(DA)	R95804	—	—	—	—	53	
BINDER, James W.	JR1(CO)	R95812	50	—	—	—	58	
BINNEY, Edward G.	JR1(UW)	R95813	—	—	—	—	51	
BINSTEAD, Garry K.	JR1(RP)	R95814	—	57	—	—	—	
BISCOE, Gordon C.	JR1(EM)	R95815	65	63	—	—	52	
BLANCH, John J.	JR1(RP)	R95817	—	—	—	—	64	
BOURNE, Murray S.	JR1(ME)	R95820	51	—	—	—	53	
BOYD, Michael D.	JR1(SA)	R95822	56	—	—	—	55	
BURGESS, Graeme D.	JR1(EM)	R95827	—	—	—	—	62	
CHAPPELL, Michael E.	JR1(SA)	R95831	—	—	—	—	60	
CHESTER, Anthony J.	JR1(SR)	R95832	52	—	—	—	63	
CLARK, Rodney K.	JR1(EM)	R95836	—	70	—	—	52	
COOK, William J.	JR1(ME)	R95840	—	—	—	—	61	
COULSON, Burnett G. C.	JR1(ME)	R95841	—	—	—	—	64	
CRELLIN, Thomas D.	JR1(UC)	R95842	—	—	—	—	56	
DAVIS, Ronald J.	JR1(UC)	R95848	—	—	—	—	51	
DELLAR, Stephen R.	JR1(ME)	R95849	—	—	—	—	52	
DE MOEL, Daimyn A.	JR1(EM)	R95850	—	—	—	—	50	
DOR'E, Peter D.	JR1(NAM)	R95853	—	51	—	—	55	
DRESSER, John J.	JR1(CO)	R95854	—	55	58	—	52	
DREWETT, Stephen J.	JR1(SA)	R95855	—	56	—	—	56	
ENGERT, Bruce R.	JR1(UC)	R95859	51	77	—	—	50	
ETHERTON, Paul	JR1(EMA)	R95860	—	—	—	—	—	

Name	Rank	O/N	III Geography	IV Navigation	V Mathe- matics	VII Magnetism and Electricity	VIII English Expression	Remarks
EY, Trevor P. .. ..	JR1(CO)	R95861	—	61	81	62	—	—
FERGUSON, Wayne H. ..	JR1(EM)	R95863	—	—	—	—	53	—
FOTEK, Jan .. ..	JR1(RP)	R95864	55	63	50	—	—	—
FRENCH, Brian R. .. ..	JR1(EM)	R95866	—	—	—	—	56	—
HADFIELD, David .. ..	JR1(UC)	R95878	50	—	—	—	—	—
HALL, William L. .. ..	JR1(EM)	R95879	55	—	—	—	60	—
HARRIS, John B. .. ..	JR1(CO)	R95885	—	—	—	—	53	—
HAWLEY, John S. .. ..	JR1(FC)	R43300	—	—	—	—	58	—
HOULGRAVE, Christopher R. ..	JR1(CO)	R95889	—	—	—	—	60	—
LAWRENCE, Peter G. .. ..	JR1(RP)	R95903	—	—	—	—	50	—
LAWRENCE, Raymond W. A. ..	JR1(EM)	R95904	—	64	—	50	—	—
LINDSAY, Francis S. .. ..	JR1(CO)	R95908	—	—	—	—	62	—
McAULIFFE, Phillip J. .. ..	JR1(EM)	R95925	65	51	—	—	58	—
McCUBBIN, Peter B. .. ..	JR1(ME)	R95926	—	—	—	—	52	—
McGINTY, Mark I. .. ..	JR1(EM)	R95930	—	56	—	—	58	—
McLEAN, Ian R. .. ..	JR1(WM)	R95931	—	—	—	—	60	—
McLENNAN, Brenton L. .. ..	JR1(EM)	R95932	—	54	—	—	57	—
MACKAY, John V. .. ..	JR1(STD)	R95911	—	—	—	—	56	—
MARTIN, Peter J. .. ..	JR1(CO)	R95913	—	—	—	—	54	—
MASCORD, David J. .. ..	JR1(CO)	R95914	—	50	—	—	52	—
MEEHAN, Terence J. .. ..	JR1(WM)	R95917	—	—	—	—	62	—
MITCHELL, Gary M. .. ..	JR1(EMA)	R95920	52	—	—	—	57	—
MITTEN, Russell J. .. ..	JR1(CD)	R95921	—	—	—	—	55	—
MOBLEY, Mark E. .. ..	JR1(WTR)	R43355	—	—	—	—	65	—
MORGAN, Kenneth A. .. ..	JR1(RP)	R95923	—	52	—	—	—	—
MURRAY, Stephen P. .. ..	JR1(CO)	R95924	—	56	—	—	—	—
NORTH, John R. .. ..	JR1(NAM)	R95934	—	—	—	—	53	—

O'BRIEN, John L. .. ..	JR1(QMG)	R95935	—	—	—	—	60	—
OZOLS, Edgar .. ..	JR1(WTR)	R95938	56	—	—	—	—	—
PHELAN, Anthony J. .. ..	JR1(EM)	R95943	57	58	—	—	60	—
REID, Lawrence E. .. ..	JR1(WTR)	R95945	—	69	55	—	—	—
ROBERTS, Geoffrey C. .. ..	JR1(ME)	R95949	55	—	—	—	—	—
ROWE, Raymond W. .. ..	JR1(EM)	R95952	74	72	—	66	58	QSD
RUDD, Allan B. .. ..	JR1(CO)	R95953	—	—	—	—	51	—
RUSSELL, Vivian C. .. ..	JR1(CO)	R95955	—	56	—	—	56	—
SCHIPANSKI, Paul A. .. ..	JR1(CO)	R95959	—	60	—	—	51	—
SELLEN, Peter M. .. ..	JR1 (UW)	R95962	62	—	—	—	68	—
SHIELS, Darryl W. .. ..	JR1(CO)	R95964	—	—	—	—	62	—
SIERAK, Norman .. ..	JR1(CO)	R95966	—	—	—	—	50	—
SMITH, Nigel G. .. ..	JR1(WM)	R95970	—	—	—	—	65	—
SMITH, Peter J. .. ..	JR1(WTR)	R43335	—	68	—	—	65	—
SNELL, Maurice R. .. ..	JR1(NA)	R95972	—	51	—	—	—	—
SNELL, Robert D. .. ..	JR1(EM)	R95973	—	50	—	—	53	—
STAFFORD, Stephen D. .. ..	JR1(CK)	R95974	—	53	—	—	57	—
STEPHENS, Wayne C. .. ..	JR1(UW)	R95978	—	—	—	—	56	—
STEWART, Colin D. .. ..	JR1(CO)	R95980	—	—	—	—	50	—
TELCHER, Maxwell P. .. ..	JR1(UC)	R95983	53	52	—	—	60	—
THOMAS, Peter R. .. ..	JR1(CO)	R96984	—	54	—	—	—	—
URBANC, Michael A. .. ..	JR1(STD)	R95987	—	55	—	—	54	—
WALKER, Peter J. .. ..	JR1(SR)	R95990	—	53	—	—	—	—
WATERS, Ian J. .. ..	JR1(EM)	R95994	64	62	54	—	63	QSD
WEINHOFEN, Rodney .. ..	JR1(CK)	R95838	—	—	—	—	53	—
WOODS, Richard F. .. ..	JR1(EM)	R96006	57	—	—	—	—	—



## UNCLASSIFIED

**37—Alteration and Addition Item—HMAS PERTH**

Navy Order 675 of 1966 is to be amended as follows:

**Title:**

Delete 'HMAS PERTH' insert 'DDGs'.

**First Paragraph:**

Delete 'HMAS PERTH' insert 'HMA Ships PERTH, HOBART and BRISBANE'.

(CNTS 1215/60/14)

(Navy Order 675 of 1966)

## UNCLASSIFIED

**38—Batteries and Cells—Mercury Batteries—Care in Handling—Use in Submarines**

Navy Order 470 of 1966 is to be amended as follows:

**Paragraph 3 (d), Line 1:**

Amend 'charged' to read 'changed'.

(ACDC 1108/51/50)

(Navy Order 470 of 1966)

## UNCLASSIFIED

**39—Battery Charging—Precautions**

1. A recent fire was caused in one of HMA ships when a battery was connected to a charger with an inadequate size of conductor; in addition access to the fire was delayed due to the battery charging room being locked.

2. The size of the conductor to be used must always be based on the maximum current output of the charger, BR 320D Class Group 0561 Part 2, Table 3, gives a suitable selection of cable sizes for this purpose using Column 'H' as the parameter for selection.

3. When battery charging is in progress the battery charging compartment is to be unlocked and should be inspected at regular intervals, the interval is not to exceed one hour.

(DWE 1215/57/397)

## UNCLASSIFIED

**40—Electrical—Rotating Machinery—Dynamic Balancing of Armatures and Rotors**

1. To ensure that noise, vibration and wear of bearings are kept to a minimum it is essential that all armatures and rotors be accurately balanced dynamically after rewinding or extensive repair.

2. Where practicable dynamic balancing shall be carried out at the maximum working speed of the machine to which the armature or rotor belongs. The residual unbalance in each plane of correction shall not exceed the following values of U:

Speed (N)	U
Below 150 rpm .. ..	0.25 W
150–1,000 rpm .. ..	5,630 W/N <sup>2</sup>
Above 1,000 rpm .. ..	4 W/N

Where U = maximum allowable residual unbalance in ounce-inches.

W = weight of rotating part in pounds.

N = maximum operating speed in rpm.

3. For diesel engine driven generators the above limits do not apply and balance is to be such as to ensure satisfactory mechanical performance.

(ACDC 400/2/411)

## UNCLASSIFIED

**41—Maintenance of Life-saving Equipment and Employment of Safety Equipment Personnel**

1. The Naval Board wish to stress the importance of correct maintenance of life-saving equipment in HMA ships at all times.

2. Maintenance and inspection routines for inflatable liferafts and lifejackets are laid down in BR 1977 (1) and the Australian Supplement thereto. It is essential that sufficient time is allowed the SE sailor or sailor trained in the maintenance of life-saving equipment, for these routines to be adequately carried out. As an example, it is estimated that the maintenance of this equipment in a daring should take approximately four hours daily.

3. As lifejackets are now stored in more accessible positions and in some cases are worn regularly, it is important that in particular, these be inspected regularly to detect any damage from exposure.

(DMT 303/221/67)

## UNCLASSIFIED

**42—Medical Stores—HMA Ships in Reserve**

1. In order to provide an immediate supply of dressings in case of accidents to working parties or inspection parties in non-living ships of the reserve group, each party is to take a small first aid satchel with them when proceeding to such ships for duty.

2. The satchel is to be drawn from the sick bay of the parent ship and returned thereto upon return. A signature book of issue and receipt is to be maintained. The non-expendable items are to be checked each time of issue and receipt.

3. Care is to be taken that injuries received by any member of the party are reported to the sick bay and entered in Form AM 209Z, Daily Medical Record, upon return of the party. Witnesses are to sign the entry immediately thereafter.

## 4. The first aid satchel is to contain at least the following items:

Acriflavine lotion 1/500, 60 ml bott	..	..	..	..	No 1
Bandage, gauze, mixed sizes	..	..	..	..	No 6
Dressing, combined, 4 in x 3 in in pieces, pkt of 24	..	..	..	..	No 1
Dressing, first aid, field, small	..	..	..	..	No 6
Plaster, adhesive, surgical non-elastic, 1/2 in x 1 yd roll	..	..	..	..	No 1
Scissors, bandage, 7 in	..	..	..	..	No 1
Satchel, canvas	..	..	..	..	No 1

5. The Medical Officer of the parent ship is to ensure that the kit is properly maintained.

6. Navy Order 9 of 1965 is hereby cancelled.

(MDG 1002/51/17)

(Navy Order 9 of 1965)

## UNCLASSIFIED

## 43—Shirts, Evening, Collar Attached

1. The evening shirts with collar attached introduced in accordance with Navy Order 144 of 1965 are not available from trade sources.

2. Investigations undertaken in an endeavour to obtain an acceptable alternative have been in progress for some time and it is expected that a suitable shirt will be produced in the near future.

3. As an interim measure it has been approved to purchase an all nylon (nyl symphony) shirt to meet immediate requirements and this type will be issued from Royal Edward Victualling Yard under the existing catalogue Numbers.

(D of V 917/96/63)

(Navy Order 144 of 1965)

## UNCLASSIFIED

44—Stores General—Group Class 0423—Band Accessories—  
Reclassification of Accounting Classification

1. The undermentioned items, which have a relatively short life and little arising value after use, have now been classified as consumable. However, they should be regarded as attractive items and will be included in ABR 4, Article 0804, in due course.

Group Class	Pattern No	Description
0423	6558	Tympani sticks
0423	6559	Heads, tympani
0423	6701	Folios, music
0423	6702	Wind, iron
0423	6714	Bass drum cover, black cloth
0423	6715	Cover, side drum, black cloth
0423	6716	Cover, tenor drum, black cloth
0423	6746	Cases for drum, bass, waterproof
0423	6748	Cases for drum, tenor, waterproof

Group Class	Pattern No	Description
0423	L70507	Covers for side drum, bass drum and tenor drum, rain defy, royal blue
0423	6556	Bows for double bass mutes, general
0423	6611	Weights for trombones
0423	6664	Aprons, leg, for drums, side
0423	6693	Cords, blue, for bugles
0423	6700	Stands, band, iron
0423	6703	Forks, tuning
0423	6726	Cases for double basses
0423	6747	Covers for drum, side, waterproof
0423	NP	Covers for bell lyre
0423	NP	Keys, piano, tuning
0423	NP	Pads, practice, IR for side drums
0423	NP	Stands, folding, saxophone
0423	NP	Stools, drummer, collapsible type
0423	NP	Trimmers, reed, clarinet

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual), Article 1812.

3. ABR 5074 will be amended in due course.

(DSAP 512/69/776)

## UNCLASSIFIED

45—Stores General—Group Class 2815—Diesel Engines and Components—  
Change of Stock Numbers

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Catalogue Number	Item Name	Group Class	Catalogue Number
00-097-2519	Bearing, Half Sleeve	2815	00-594-8068
00-097-2525	Ring, Piston	2815	00-273-0580
00-125-7768	Cap, Radiator	2815	00-364-7095
00-148-6570	Washer Lock	5310	00-010-3334
00-317-7456	Gasket	2990	00-499-1010
00-339-6179	Spring, Helical Compression	2910	00-319-3985
00-360-3944	Cup, Rocker Arm	2815	00-125-7767
00-362-3422	Spring, Helical Compression	2815	00-256-7145
00-364-2560	Spring, Helical Compression	5340	00-260-4092
00-364-2561	Spring, Helical Compression	2815	00-260-4093
00-364-3758	Packing Preformed	5330	00-285-9539
00-511-1163	Bearing Roller Needle	3110	00-120-3080
00-511-2884	Spring, Helical Compression	2990	00-209-8452

Catalogue Number	Item Name	New Stock No	
		Group Class	Catalogue Number
00-524-9111	Washer Flat .. .. .	5310	00-193-9787
00-569-0301	Washer Non-metallic .. .. .	5330	00-255-6475
00-572-2205	Gasket .. .. .	2815	00-179-5113

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual), Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 1104/51/818)

#### UNCLASSIFIED

#### 46—Stores General—Group Class 3120—Bearings Plain, Unmounted— Change of Stock Numbers

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Catalogue Number	Item Name	New Stock No	
		Group Class	Catalogue Number
00-024-1490	PLATE, RETAINING .. .. .	4320	00-630-5627
00-294-3800	BEARING, SLEEVE .. .. .	3120	00-661-6824
00-364-2612	BEARING, SLEEVE .. .. .	2815	00-661-9381
00-433-4703	BEARING, PLAIN .. .. .	3120	00-662-1975
00-509-8266	BEARING, SLEEVE .. .. .	3120	00-661-8029
00-513-0280	BEARING, HALF .. .. .	3120	00-533-0651
00-529-7119	BEARING, PLAIN .. .. .	3120	00-540-5077
00-554-1748	BEARING, BALL, ANNULAR .. .. .	3110	00-663-2268
00-575-8321	BEARING, BALL, ANNULAR .. .. .	3110	00-144-8511
00-610-1045	BEARING, PLAIN .. .. .	3120	00-433-4771
00-661-5108	BEARING, SLEEVE .. .. .	3120	00-517-8482
00-662-2939	RING, BEARING, INNER .. .. .	3110	00-159-1322
00-734-6798	BEARING, BALL, ANNULAR .. .. .	3110	00-156-6712
00-844-7832	WASHER THRUST .. .. .	5310	00-844-7382
00-975-5054	BEARING, BALL, ANNULAR .. .. .	3110	00-975-5054
00-529-7116	WASHER, THRUST .. .. .	5310	00-529-7116
00-865-8085	BEARING, SLEEVE .. .. .	3120	00-287-7397
00-661-3283	WASHER THRUST .. .. .	3120	00-661-4737
00-533-0651	BEARING, HALF .. .. .	2815	00-947-3737
00-533-0655	BEARING, HALF .. .. .	2815	00-947-3737

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual), Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 506/61/556)

#### UNCLASSIFIED

#### 47—Stores General—Group Class 4130—Pumps and Compressors— Change of Stock Numbers

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Catalogue Number	Item Name	New Stock No	
		Group Class	Catalogue Number
00-030-1537	Pump, Reciprocating .. .. .	4930	00-801-5712
00-300-1259	Ring Externally Threaded .. .. .	5340	00-597-8915
00-308-8361	Clip, Spring Tension .. .. .	4130	00-369-3747
00-316-2701	Valve Relief .. .. .	4130	00-391-8807
00-316-2795	Gasket .. .. .	4130	00-391-8768
00-329-7383	Spring, Helical, Compression .. .. .	4130	00-291-5066
00-336-9568	Strainer Element .. .. .	4730	00-277-5288
00-336-9571	Strainer Assembly .. .. .	4130	00-300-1251
00-339-3444	Gasket .. .. .	5330	00-369-2437
00-349-4292	Sleeve, Cylinder .. .. .	4130	00-032-5223
00-359-7094	Dehydrator Desiccant .. .. .	4130	00-227-0454
00-391-8770	Gasket .. .. .	5330	00-369-2434
00-391-8771	Gasket .. .. .	5330	00-369-2436
00-393-4906	Sleeve, Cylinder .. .. .	4130	00-393-4905
00-499-6410	Strainer Element .. .. .	4730	00-202-8880
00-513-8172	Disk, Valve .. .. .	4130	00-393-4888
00-513-8173	Disk, Valve, Discharge .. .. .	4130	00-332-0032
00-547-1154	Filter, Air Conditioning .. .. .	4130	00-546-2233
00-625-4915	Gasket .. .. .	5330	00-599-4295
00-625-4932	Bearing, Connecting .. .. .	4130	00-339-3432
00-625-4933	Sleeve, Cylinder .. .. .	4130	00-393-4889
00-625-4934	Bearing, Main .. .. .	4130	00-339-3442
00-625-4935	Gasket .. .. .	4130	00-099-9393
00-625-4936	Ring, Piston .. .. .	4130	00-255-9096
00-625-4950	Ring, Piston .. .. .	4130	00-255-9101
00-625-4960	Gasket .. .. .	4130	00-393-4898
00-625-4963	Spring, Helical .. .. .	4130	00-209-9533
00-625-4966	Connecting Rod, Piston .. .. .	4130	00-349-4310
00-651-2876	Pin, Piston .. .. .	4130	00-264-2992
00-671-7143	Valve, Control .. .. .	4130	00-393-4897
00-752-9957	Filter, Air Conditioning .. .. .	4130	00-725-4823
00-895-7808	Pump Package Assembly .. .. .	4130	00-036-3850
00-554-8478	Cooler Unit, Air .. .. .	4130	00-913-9426
00-752-8848	Cooler Unit, Air .. .. .	4130	00-913-9422

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual), Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 1109/51/833)

## UNCLASSIFIED

**48—Stores General—Group Class 5120—Hand Tools, Non-edged and Non-powered—Change of Stock Numbers**

1. The Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5120	00-010-6626	Key, Socket Head Screw .. ..	5120	00-087-2088
5120	00-020-8669	Key, Socket Head Screw .. ..	5120	00-198-5391
5120	00-020-8674	Key, Socket Head Screw .. ..	5120	00-198-5398
5120	00-021-0162	Key, Socket Head Screw .. ..	5120	00-198-5392
5120	00-021-0167	Key, Socket Head Screw .. ..	5120	00-240-5274
5120	00-021-0168	Key, Socket Head Screw .. ..	5120	00-198-5390
5120	00-022-9793	Pliers .. ..	5120	00-239-8254
5120	00-045-6532	Wrench, Box and Open End .. ..	5120	00-228-9519
5120	00-062-5805	Wrench, Open End Fixed .. ..	5120	00-187-7124
5120	00-062-6394	Wrench, Open End Fixed .. ..	5120	00-277-2311
5120	00-180-0784	Extractor, Tap .. ..	5120	00-288-9184
5120	00-180-2955	Socket, Socket, Wrench .. ..	5120	00-189-7985
5120	00-180-2959	Socket, Socket, Wrench .. ..	5120	00-189-7933
5120	00-188-3256	Pliers, Retaining Ring .. ..	5120	00-288-9717
5120	00-188-3260	Pliers, Retaining Ring .. ..	5120	00-293-0047
5120	00-197-9488	Punch, Centre, Solid .. ..	5120	00-293-3509
5120	00-203-4697	Jack, Aircraft Landing Gear .. ..	1730	00-203-4697
5120	00-204-2717	Flint Tip, Friction .. ..	5120	00-254-9956
5120	00-212-4704	Extractor Lamp Cap .. ..	5120	00-293-1950
5120	00-212-7669	Pin, Straightener .. ..	5120	00-288-7813
5120	00-215-2565	Adjuster, Spring .. ..	5120	00-083-3070
5120	00-222-7974	Crowfoot Attachment .. ..	5120	00-541-4074
5120	00-223-9347	Burnisher, Contact, Hand .. ..	5120	00-255-4458
5120	00-233-9180	Socket, Socket, Wrench .. ..	5120	00-189-7932
5120	00-237-0986	Socket, Socket, Wrench .. ..	5120	00-189-7935
5120	00-240-6216	Pliers, Slip Joint .. ..	5120	00-223-7397
5120	00-242-5862	Screwdriver, Flat Tip .. ..	5120	00-236-2132
5120	00-243-7333	Bit, Screwdriver .. ..	5120	00-223-6986
5120	00-244-3313	Socket, Socket Wrench .. ..	5120	00-189-7924
5120	00-255-3236	Adjuster, Spring .. ..	5120	00-035-7711
5120	00-287-4160	Wrench, Socket .. ..	5120	00-542-4571
5120	00-287-4161	Wrench, Socket .. ..	5120	00-241-3188
5120	00-288-6921	Screwdriver, Flat Tip .. ..	5120	00-293-3178
5120	00-288-8343	Wrench, Open End, Adjustable .. ..	5120	00-264-3795
5120	00-288-9712	Pliers, Retaining Ring .. ..	5120	00-408-1434
5120	00-289-8430	Universal Joint, Socket .. ..	5120	00-269-7971
5120	00-289-9621	Socket, Socket, Wrench .. ..	5120	00-189-7927

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5120	00-289-9671	Socket, Socket, Wrench .. ..	5120	00-189-7946
5120	00-289-9672	Socket, Socket, Wrench .. ..	5120	00-235-5898
5120	00-293-0648	Alignment Tool .. ..	5120	00-288-7781
5120	00-309-0220	Adjuster Spring .. ..	5120	00-263-1137
5120	00-323-2152	Adapter, Socket Wrench .. ..	5120	00-240-8702
5120	00-333-2460	Adjuster, Spring .. ..	5120	00-035-7710
5120	00-340-3274	Pliers .. ..	5110	00-239-8253
5120	00-345-1344	Pricker, Sailmakers .. ..	5120	00-233-8197
5120	00-346-2344	Crimping Tool .. ..	5120	00-596-9313
5120	00-351-8367	Pliers, Retaining Ring .. ..	5120	00-293-0046
5120	00-355-6219	Puller Attachment .. ..	5120	00-288-6756
5120	00-356-4355	Bender, Switch Board .. ..	5120	00-041-1472
5120	00-357-5297	Extension, Socket Wrench .. ..	5120	00-224-3139
5120	00-357-8481	Wrench, Open End, Fixed .. ..	5120	00-224-3102
5120	00-357-8599	Wrench, Open End, Fixed .. ..	5120	00-277-1252
5120	00-357-8858	Wrench, Socket .. ..	5120	00-277-1801
5120	00-357-8860	Wrench, Socket .. ..	5120	00-277-1802
5120	00-357-8861	Wrench, Socket .. ..	5120	00-224-2596
5120	00-357-8863	Wrench, Socket .. ..	5120	00-596-1263
5120	00-357-8864	Wrench, Socket .. ..	5120	00-222-1499
5120	00-378-4291	Puller, Mechanical .. ..	5120	00-288-7713
5120	00-383-0902	Wrench, Open End, Fixed .. ..	5120	00-568-1848
5120	00-383-0949	Key, Socket Head Screw .. ..	5120	00-596-9205
5120	00-387-6173	Handle, Socket Wrench .. ..	5120	00-242-3256
5120	00-395-9675	Socket, Socket Wrench .. ..	5120	00-235-5870
5120	00-399-3940	Gun Casing Seal .. ..	4930	00-399-3687
5120	00-408-0477	Alignment Tool .. ..	5120	00-293-0648
5120	00-412-8516	Pliers .. ..	5120	00-247-5177
5120	00-424-8749	Legs, Push Puller .. ..	5120	00-227-0634
5120	00-441-2078	Key Set, Socket Head Screw .. ..	5120	00-288-8732
5120	00-449-8133	Wrench, Open End, Fixed .. ..	5120	00-277-8299
5120	00-473-6953	Extension, Socket Wrench .. ..	5120	00-273-9203
5120	00-511-0211	Bit, Screwdriver .. ..	5130	00-672-8679
5120	00-513-6884	Handle, Socket Wrench .. ..	5120	00-240-5364
5120	00-516-2885	Wrench, Box .. ..	5120	00-224-3120
5120	00-516-3795	Socket, Socket Wrench .. ..	5120	00-261-2843
5120	00-516-3846	Pliers, Retaining Ring .. ..	5120	00-293-0186
5120	00-524-6929	Pliers, Retaining Ring .. ..	5120	00-293-0048
5120	00-535-8414	Handle, Socket Wrench .. ..	5120	00-230-6385
5120	00-540-1020	Key, Socket Head Screw .. ..	5120	00-249-9670
5120	00-540-5760	Key, Socket Head Screw .. ..	5120	00-198-5406
5120	00-540-6268	Key, Socket Head Screw .. ..	5120	00-240-5292

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5120	00-540-6535	Key, Socket Head Screw .. ..	5120	00-223-6995
5120	00-540-6963	Pliers .. ..	5120	00-224-1533
5120	00-541-5849	Puller, Mechanical .. ..	5120	00-288-7714
5120	00-541-6598	Wrench, Socket .. ..	5120	00-293-0375
5120	00-541-7052	Pliers .. ..	5120	00-268-3579
5120	00-542-4748	Handle, Socket Wrench .. ..	5120	00-240-5396
5120	00-555-2069	Wrench, Ratchet .. ..	5120	00-596-9620
5120	00-555-2089	Pliers, Slip Joint .. ..	5120	00-278-0352
5120	00-560-8363	Inserting Tool .. ..	5120	00-765-3690
5120	00-568-1846	Wrench, Spanner .. ..	5120	00-293-3734
5120	00-574-5944	Handle, Socket Wrench .. ..	5120	00-221-7968
5120	00-580-2188	Key, Socket Head Screw .. ..	5120	00-224-2510
5120	00-585-7860	Key, Socket Head Screw .. ..	5120	00-223-6995
5120	00-590-2782	Wrench, Box and Open End .. ..	5120	00-228-9509
5120	00-595-9303	Puller, Mechanical .. ..	5120	00-288-7711
5120	00-596-1228	Wrench, Open End, Fixed .. ..	5120	00-277-1253
5120	00-596-4489	Wrench, Spanner .. ..	5120	00-293-3752
5120	00-596-8587	Wrench, Open End, Fixed .. ..	5120	00-277-7025
5120	00-601-9759	Key Set, Socket Head .. ..	5120	00-541-5702
5120	00-606-7458	Wrench, Box and Open End .. ..	5120	00-228-9505
5120	00-606-7459	Wrench, Box and Open End .. ..	5120	00-228-9507
5120	00-606-7460	Wrench, Box and Open End .. ..	5120	00-228-9508
5120	00-609-7394	Pliers, Retaining Ring .. ..	5120	00-293-0049
5120	00-618-3172	Wrench Set, Socket .. ..	5120	00-289-1056
5120	00-626-2874	Pliers, Retaining Ring .. ..	5120	00-293-0018
5120	00-652-8585	Key, Socket Head Screw .. ..	5120	00-224-2504
5120	00-652-8586	Key, Socket Head Screw .. ..	5120	00-240-5300
5120	00-654-1850	Extension, Socket Wrench .. ..	5120	00-243-7326
5120	00-654-4869	Key, Socket Head Screw .. ..	5120	00-198-5412
5120	00-654-7420	Screwdriver, Flat Tip .. ..	5120	00-278-1282
5120	00-658-1374	Bit, Screwdriver .. ..	5120	00-293-3574
5120	00-689-7399	Capacitor, Fixed .. ..	5910	00-683-7399
5120	00-708-3704	Pliers, Retaining Ring .. ..	5120	00-595-9552
5120	00-722-5627	Pliers, Retaining Ring .. ..	5120	00-293-0045
5120	00-727-1028	Key, Socket Head Screw .. ..	5120	00-198-5400
5120	00-739-1491	Insertion Tool .. ..	5120	00-790-0131
5120	00-767-9090	Blow Torch, Gasoline .. ..	5120	00-222-1371
5120	00-784-2862	Key, Socket Head Screw .. ..	5120	00-889-2163
5120	00-787-2644	Key, Socket Head Screw .. ..	5120	00-198-5409
5120	00-799-4402	Socket Wrench Attachment .. ..	5120	00-683-8597
5120	00-802-0699	Adaptor, Socket Wrench .. ..	5120	00-240-8703
5120	00-806-3242	Crimping Tool .. ..	5120	00-776-1848

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5120	00-813-0252	Extractor, Lamp Cap .. ..	5120	00-234-8978
5120	00-820-8281	Wrench, Open End .. ..	5120	00-278-0340
5120	00-821-3433	Wrench, Torque .. ..	5120	00-230-6380
5120	00-825-1568	Crimping Tool .. ..	5120	00-756-3129
5120	00-836-9904	Adaptor, Socket Wrench .. ..	5130	00-836-9904
5120	00-849-6323	Socket, Socket Wrench .. ..	5120	00-237-0977
5120	00-853-4500	Handle, Socket Wrench .. ..	5120	00-237-4969
5120	00-853-4531	Wrench, Box and Open End .. ..	5120	00-228-9510
5120	00-853-4534	Wrench, Box and Open End .. ..	5120	00-228-9506
5120	00-853-4535	Wrench, Box and Open End .. ..	5120	00-228-9504
5120	00-853-4537	Wrench, Box and Open End .. ..	5120	00-228-9511
5120	00-853-6986	Socket, Socket Wrench .. ..	5120	00-243-7340
5120	00-853-7038	Socket, Socket Wrench .. ..	5120	00-239-0021
5120	00-853-7047	Socket, Socket Wrench .. ..	5120	00-235-5871
5120	00-853-7049	Socket, Socket Wrench .. ..	5120	00-189-7930
5120	00-853-7050	Socket, Socket Wrench .. ..	5120	00-189-7931
5120	00-853-7406	Socket, Socket Wrench .. ..	5120	00-239-0022
5120	00-853-7407	Socket, Socket Wrench .. ..	5120	00-189-7934
5120	00-853-7408	Socket, Socket Wrench .. ..	5120	00-237-0984
5120	00-853-7981	Wrench, Socket .. ..	5120	00-224-2599
5120	00-874-5423	Key, Socket Head Screw .. ..	5120	00-242-7410
5120	00-891-5341	Wrench, Box and Open End .. ..	5120	00-228-9516
5120	00-891-5342	Wrench, Box and Open End .. ..	5120	00-228-9514
5120	00-891-5344	Wrench, Box and Open End .. ..	5120	00-228-9512
5120	00-892-2140	Wrench, Box and Open End .. ..	5120	00-228-9515
5120	00-896-3684	Crimping Tool .. ..	5120	00-712-0428
5120	00-897-1293	Adaptor, Socket Wrench .. ..	5120	00-224-9219
5120	00-898-6952	Socket, Socket Wrench .. ..	5120	00-242-3345
5120	00-954-7273	Key, Socket Head Screw .. ..	5120	00-198-5401
5120	00-961-4445	Socket, Socket Wrench .. ..	5120	00-236-2264
5120	00-963-8235	Frame, Hand Hacksaw .. ..	5110	00-289-9657
5120	00-965-5938	Wrench, Open End, Adjustable .. ..	5120	00-240-5328
5120	00-967-7751	Wrench, Spanner .. ..	5120	00-293-0201
5120	00-972-0423	Socket, Socket Wrench .. ..	5120	00-227-6702
5120	00-972-0424	Socket, Socket Wrench .. ..	5120	00-227-6703
5120	00-972-0425	Socket, Socket Wrench .. ..	5120	00-237-4973
5120	00-974-9883	Screwdriver, Cross Tip .. ..	5120	00-240-8716
5120	00-974-9906	Screwdriver, Cross Tip .. ..	5120	00-234-8913
5120	00-980-7646	Alignment Tool .. ..	5120	00-585-6169
5120	00-982-7267	Socket Wrench Attachment .. ..	5120	00-516-4979
5120	00-992-2270	Wrench, Open End, Fixed .. ..	5120	00-277-2342
5120	00-992-2273	Socket, Socket Wrench .. ..	5120	00-241-3186

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5120	00-992-2276	Pliers, Slip Joint .. ..	5120	00-223-7396
5120	00-994-4565	Wrench .. ..	4935	00-756-9714
5120	00-083-3070	Adjuster, Spring .. ..	5120	00-230-7892
5120	00-222-8862	Screwdriver, Flat Tip .. ..	5120	00-236-2127
5120	00-278-1272	Screwdriver, Flat Tip .. ..	5120	00-260-4837
5120	00-712-0428	Crimping Tool .. ..	5120	00-827-0197
5120	00-260-0883	Vice Machinists .. ..	5120	00-293-1439

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual), Article 1812.

(DSAP 506/71/558)

## RESTRICTED

### 49—Wireless—Types 692/693—Duty Cycle

1. Transmitters, Type 692, are liable to overheating if the duty cycle, as laid down in BR 1492A, Part I, Section 2, Chapter 1, Paragraph 5, of five minutes at 'transmit' and ten minutes at 'standby' is exceeded. This is particularly liable to occur when transmitting RATT broadcasts. When transmitting intermittently for periods shorter than five minutes, as a guide, the transmitter should not be at 'transmit' for more than a total of five minutes in any fifteen minutes.

2. Ships and establishments are to take care that the duty cycle is not exceeded.

3. Transmitters, Type 693, are not to be used for broadcast purposes as severe damage would result if the duty cycle of the power amplifier was inadvertently exceeded even by a small amount.

(ACDC 518/251/809)

## Section 5

### BOOKS, CORRESPONDENCE, FORMS AND STATIONERY

## UNCLASSIFIED

### 50—Stores (Weapons and Electrical)—Return of Items—Use of Form AS 2061Z

1. Whenever permanent stores which are components of, or used in conjunction with the undermentioned equipments, are returned to Store Depots it is desirable that the Store Depot authorities be provided with adequate detail of any defects or the general state of the stores concerned. This information is required to assist with the survey and any subsequent action needed to arrange repair or refurbishing of the items after their return:

- a. Weapon Mechanical.
- b. Weapon Electrical.
- c. Radar and Radio.
- d. Sonar.
- e. Weapons and Electrical Test Equipments.

2. In order to provide the requisite information, Defect Records, Forms AS 2061Z, are to be prepared by the appropriate technical staff and are to accompany such items, both serviceable and unserviceable, when they are returned to Store Depots by HMA ships or establishments (including Naval dockyards). If practicable, the Forms AS 2061Z should be pasted to a blank label and attached securely to the item by personnel of the ship or establishment returning the stores. In the case of items being removed by dockyard staff for replacement, ie approved defect list items, etc, the forms are to be raised by ships staff concerned.

3. The Forms AS 2061Z are to contain the following type of information:

- a. Recent defects.
- b. Length of time in service.
- c. Units burnt out.
- d. Mechanical failure (with specific details).
- e. Exposure to excess temperature, moisture, shock or accidental dropping.
- f. Reason for return where this is not adequately covered by a. to e. above.

In the case of serviceable items any known relevant information in the nature of the foregoing should be reported on the Form AS 2061Z.

4. Documents used for accounting purposes are to be processed in the normal manner.

5. Under no circumstances are defective units being returned to be cannibalised for ships' 'come in useful' spares. This practice often necessitates repair authorities raising separate contracts for single missing components and can render repair of the complete assembly uneconomical, thereby jeopardising spares availability to the Fleet.

6. ABR 4 will be amended.

7. Navy Order 552 of 1966 is hereby cancelled.

(DSAP 464/69/5)

(Navy Order 552 of 1966)

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# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
5 February 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

A handwritten signature in cursive script, appearing to read "Handau".

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY



## CONTENTS

No.	Title
<b>SECTION 5—BOOKS, CORRESPONDENCE, FORMS AND STATIONERY</b>	
51	Distribution of Magazines, Pamphlets and Amendments to Publications, Etc, During October 1967
52	Distribution of Magazines, Pamphlets and Amendments to Publications, Etc, During November 1967

### Section 5

## BOOKS, CORRESPONDENCE, FORMS AND STATIONERY

### UNCLASSIFIED

#### 51—Distribution of Magazines, Pamphlets and Amendments to Publications, Etc, During October 1967

1. The magazines, pamphlets and amendments to publications, etc, contained in the annex to this order have been distributed to ships and Services during October 1967.

2. Copies of Amendments referred to in the annex to this order are available for supply to holders of personal copies of Books of Reference and Air Publications in accordance with Article 2517 (6) of ABR 4.

### ANNEX

#### BR AMENDMENTS

BR No	..	..	..	..	Amendment No
BR 4	..	..	..	..	Change No 8
BR 4	..	..	..	..	Change No 9
BR 4	..	..	..	..	Change No 10
BR 11	..	..	..	..	Change No 4
BR 70	..	..	..	..	Corrected to 30.4.1967
BR 93	..	..	..	..	Change No 2
BR 93	..	..	..	..	Change No 3
BR 188	..	..	..	..	Change No 4
BR 188	..	..	..	..	Change No 5
BR 188	..	..	..	..	Change No 6
BR 188	..	..	..	..	Change No 7
BR 217 (3D)	..	..	..	..	Change No 2
BR 217 (3E)	..	..	..	..	Change No 1
BR 217 (3F)	..	..	..	..	Change No 1
BR 217 (3F)	..	..	..	..	Change No 2
BR 225	..	..	..	..	Change No 1
BR 333 (4)	..	..	..	..	Change No 2
BR 367A	..	..	..	..	Change No 5
BR 910	..	..	..	..	Change No 1
BR 935 (3)	..	..	..	..	Change No 2
BR 983	..	..	..	..	Change No 1
BR 1066	..	..	..	..	Change No 10
BR 1145 (2)	..	..	..	..	Change No 3
BR 1771 (30)	..	..	..	..	Change No 1
BR 1771 (44)	..	..	..	..	Change No 3
BR 1917 (1) A	..	..	..	..	Change No 35
BR 1917 (1)	..	..	..	..	Change No 30
BR 1917 (2) A	..	..	..	..	Change No 34
BR 1917 (2)	..	..	..	..	Change No 24
BR 1943	..	..	..	..	Change No 3
BR 1950	..	..	..	..	Change No 11
BR 2122	..	..	..	..	Change No 2
BR 2232	..	..	..	..	Change No 6

BR AMENDMENTS—*continued*

BR No	Amendment No
BR 2330 .. ..	Change No 5
BR 2355 .. ..	Change No 4
BR 2171 Vol 2 .. ..	Change No 2
BR 2297 (8) A .. ..	Change No 9
BR 2225 .. ..	Change No 2
BR 2504 .. ..	Change No 1
BR 2504 .. ..	Change No 2
BR 2504 .. ..	Change No 3
BR 3002 .. ..	Change No 12
BR 3613 .. ..	Change No 1
ABR 5009 .. ..	Change No 3 July 1967
MBR 8001 .. ..	Issue No 23 11.7.1967
MBR 8074 .. ..	Supplement No 8 August 1967
MBR 8142 .. ..	Change No 2

## BOOKS, MAGAZINES AND PAMPHLETS

Publication	Date
Aircraft Vol 46 No 12 .. ..	September 1967
Electrical Design News 9th Edition 1967 Semiconductor Annual	
Electrical Design News Vol 12 No 9 ..	July 1967
Flight Vol 91 No 3042 .. ..	29.6.1967
Flight Vol 92 No 3044 .. ..	13.7.1967
Flight Vol 92 No 3045 .. ..	20.7.1967
Flight Vol 92 No 3046 .. ..	27.7.1967
Flight Vol 92 No 3047 .. ..	3.8.1967
Flight Vol 92 No 3048 .. ..	10.8.1967
HMSO List of Government Publications ..	June 1967
Joint Services Recognition Journal Vol 22 No 4	April 1967
Journal of Naval Engineering Vol 17 No 1	June 1967
US Naval Communications Bulletin	June 1967
OPNAV 94-P2 No 96	

## NAVWEP AND NAVSHIP AMENDMENTS

Publication	Change
OP 4 Vol 2 .. ..	Change No 5 1.7.1967
OP 2213 .. ..	Change No 11 15.7.1967
OP 2579 PMS/SMS Vol 3 .. ..	Advance Change Notice 0-1 15.5.1967
OP 2579 PMS/SMS Vol 4 .. ..	Advance Change Notice 0-3 15.6.1967
OP 2579 PMS/SMS Vol 4 .. ..	Change No 4 15.4.1967
OP 2579 PMS/SMS Vol 5 .. ..	Change No 3 1.4.1967
OP 2579 PMS/SMS Vol 5 .. ..	Change No 4 15.4.1967
OP 2585 PMS/SMS Vol 3 Part 1 .. ..	Advance Change Notice 0-3 1.9.1967
OP 2585 PMS/SMS Vol 4 .. ..	Advance Change Notice 0-1 1.5.1967
OP 2665 Supt Vol 2 .. ..	Change No 2 15.6.1967
OP 2665 IPB Vol 5 .. ..	Change No 6 15.4.1967
OP 2685 .. ..	Change No 2 1.5.1967

NAVWEP AND NAVSHIP AMENDMENTS—*continued*

Publication	Change
OP 2976 Vol 1 .. ..	Change No 7 15.4.1967
OP 2976 Vol 2 .. ..	Advance Change Notice 5-2 15.7.1967
OP 2976 Vol 2 .. ..	Advance Change Notice 5-3 15.7.1967
OP 2976 Vol 2 .. ..	Change No 6 15.4.1967
OP 3041 Vol 1 .. ..	Change No 3 1.6.1967
OP 3041 Vol 2 .. ..	Change No 2 1.6.1967
OP 3347 .. ..	Change No 8 1.8.1967

## AMENDMENTS TO AIR PUBLICATIONS

AP No	AL or Leaflet
101C-0103-6A (with Spine Card) .. ..	AL 6
109A-0001-1 .. ..	AIL 1/67
109A-0001-2 .. ..	(AL 1132)-B 751
	(AL 1135)-B 754
	(AL 1136)-B 662 (Alt 4)
	(AL 1137)-B 660 (Alt 3)
109A-0002-4F Issue 1 .. ..	AL (RAN) 1
109B-0102-5 .. ..	AL 33
113D-0901-16 .. ..	AL 1
113E-0201-16 .. ..	AL 1
114J-0101-16 Part 1 Book 1 .. ..	AL 3
116D-0102-2 .. ..	(AL 11)-B 6
	(AL 12)-B 7
1086 Book 4 Part 4 (2nd Edition) .. ..	AL 10
1086 Book 13 (2nd Edition) .. ..	AL 211
	AL 234
1182 (Naval) Vol 2 .. ..	(AL 230)-C 70
	(AL 231)-C 49
1182E (N) Vol 1 .. ..	AIL 4/67
1275A Vol 1 Section 15 .. ..	AIL 1/67
1275B Vol 2 .. ..	(AL 175)-Z 13
1275G Vol 1 (2nd Edition) Part 2 .. ..	AIL 1/67
	AIL 2/67
	AIL 3/67
	AL 41
1492A Vol 1 .. ..	AL 122
	AL 123
1602 .. ..	Air Almanac (1968) January to April
1641H Vol 1 .. ..	AL 40
	AL 41
1641H Vol 2 Part 3 .. ..	AL 73
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1641P Vol 1 (2nd Edition) Parts 1 and 3	AL 30
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1803S Vol 1 Book 2 Section 8 .. ..	AL 72
2173B Vol 6 Parts 2 and 3 .. ..	AL 13

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2360M Vols 1 and 6 .. ..	AL 45
2337 Vol 1 Book 2 .. ..	AL 104
2337 Vol 2 .. ..	(AL 256)-B 1 (Alt 3)
2337 Vol 6 .. ..	AL 98
2438C Vols 1 and 6 .. ..	AL 37
2487A and B Vol 1 .. ..	AL 13
2487A and B Vol 2 .. ..	(AL 32)-B 15 (Alt 1)
2531 (N) Vol 2 .. ..	(AL 16)-B 9 (Alt 1)
2802A (2nd Edition) Vol 1 Parts 1 and 3	AL 86
2887N Vol 2 .. ..	(AL 127)-B 79
	(AL 126)-B 78
2887N Vol 3 Part 1 (N) Book 1 .. ..	AL 4
	AL 5
2897E Vol 1 Book 1 .. ..	AL 40
4269C Vol 2 Part 1 .. ..	AL (RAN) 2
4288 Vol 4 Part 6 (RAN) .. ..	AL 17
4303C Vol 1 .. ..	AIL 8/67
	AIL 9/67
4343C Vol 2 .. ..	(AL 134)-B 9
	(AL 135)-B 10
	(AL 136)-B 11
4343D Vol 2 .. ..	(AL 148)-A 13A
	(AL 151)-Z 20
4343E Vol 2 .. ..	(AL 59)-Z 13
4343S Vol 1 Book 4 .. ..	AL 169
4360C 2nd Edition Pilots Notes .. ..	AL (RAN) 10
	AL (RAN) 11
4389 ML .. ..	AL 15
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	AL 27
(RAN) 8 Vol 2 .. ..	AIL (RAN) 133
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(RAN) 9 Vol 6 Part 4B .. ..	AL 21
(RAN) 9A Vol 6 Part 2A .. ..	AL 17

## AMENDMENTS TO AIR PUBLICATIONS—continued

AP No	AL or Leaflet
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(RAN) 10 Vol 5 Book 1 .. ..	AL 5
	AL 6
(RAN) 10 Crew Notes .. ..	AIL (RAN) 39
(RAN) 10 Vol 1 Book 3 .. ..	SAL 3
(RAN) 10 Vol 5 Book 2 .. ..	AL 10 and 11
(RAN) 26 Vol 5 Book 2 .. ..	AL 28
	AL 29
(RAN) 101 .. ..	AL 132
	AL 133
	AL 134
	AL 135
	AL 136
DCA Air Navigation Orders Part 105 ..	(15.5.67) (15.7.67) (August 1967)
	(September 1967)
DCA Air Navigation Orders Part 106 ..	(August 1967) (September 1967)
DCA Air Navigation Orders Part 107 ..	(August 1967) (September 1967)
DCA Air Navigation Orders Part 108 ..	(August 1967)
DCA Air Navigation Orders Section 100-91	(17.5.67)
Issue 4	
DCA Air Navigation Orders Section 100-2	(1.7.67)
Issue 2	
DCA Air Navigation Orders Section 101-2	(1.7.67)
Issue 1	
DCA Air Navigation Orders Section 101-3	(1.7.67)
Issue 1	
DCA Air Navigation Orders Section 101-4	(1.7.67)
Issue 1	
DCA Air Navigation Orders Section 101-8	(1.7.67)
Issue 1	
DCA Air Navigation Orders Section 101-9	(1.7.67)
Issue 1	
DCA Air Navigation Orders Section 101-10	(1.7.67)
Issue 1	
DCA Air Navigation Orders Section 101-22	(1.7.67)
Issue 1	
DCA Air Navigation Orders Section 101-23	(1.7.67)
Issue 1	
DCA Air Navigation Orders Section 101-24	(1.7.67)
Issue 1	
DCA Air Navigation Orders Section 101-31	(1.7.67)
Issue 1	
DCA Air Navigation Orders Part 100 ..	AL 53
DCA Aeronautical Information Publication	RAC/2 (AL 86)
Category East	RAC/2 (AL 87)
	ACA (AL 59)
DCA Aeronautical Information Publication	RAC/2 (AL 87)
Category A and C	RAC/2 (AL 88)
DCA Aeronautical Information Publication	RAC/2 (AL 86)
Category A and C with Erratum	

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AP No	AL or Leaflet
DCA AIC .. .. .	16/1967
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	22-67 (1.8.67)
	23-67
	24-69 (24.8.67)
	25-67
DCA Airways of Instructions Vol 1 ..	AL 5
DCA Airworthiness Advisory Circular ..	No 9 July 1967
DCA Notam .. .. .	10/67 (17.7.67)
	11/67 (8.8.67)
	12/67 (24.8.67)
DCA JASAP .. .. .	AL 22
ICAO Bulletin .. .. .	July 1965
Notices to Airmen Series 'A' 30.6.67 ..	Naval Supplement (Supersedes Previous Edition 1967)
SCPO .. .. .	25/67 (28.7.67)
	26/67 (3.8.67)
	28/67 (10.8.67)
Lucas Processes Manual (Pub L-OP) ..	Transmittal Letter No 7
AAP No 2 GCC 1015 (2nd Edition) ..	Sub AL 3 (AL 44519)
AAP No 2 GCC 5821 (7th Edition) ..	Sub AL 29 (AL 44584)
AAP No 2 GCC 5915 (7th Edition) ..	Erratum to Sub AL 31 (AL 41262)
AAP No 2 GCC 9330 (7th Edition) ..	Sub AL 5 (AL 42511)
AAP No 2 GCC Group F Section 14C (8th Edition)	Sub AL 9 (AL 40836)
AAP No 2 Table of Contents (17th Edition)	Sub AL 71 (AL 43630)
AAP 28A .. .. .	AL 3
AAP 69 Vol 1 .. .. .	AL 12
AAP 121 (Rev Jan 1962) .. .. .	AL 36
AAP 702.1 Book 1 Part 1 .. .. .	AL 187
AAP 711.16 Vol. 2 Part 1 .. .. .	AL 16
AAP 711.54 Vol 2 Parts 1 and 2 .. .. .	AL 69
	AL 73
	AL 80
AAP 721.65 Vol 2 Part 2 .. .. .	AL 204
	AL 208
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	AL 210
	AL 211
AAP 721.79 Vol 2 Part 1 .. .. .	Corrigendum to AL 60
AAP 721.79 Vol 2 Part 2 .. .. .	Corrigendum to AL 349
	AL 354
	AL 355
	AL 356
AAP 741.00 Vol 2 Parts 1 and 2 .. .. .	AL 111

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AAP 742.00 Vol 2 Parts 1 and 2 .. .. .	AL 69
	AL 70
	AL 72
AAP 742.11 Vols 1 and 6 .. .. .	AL 13
	AL 15
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AAP 744.00 Vol 2 Parts 1 and 2 .. .. .	AL 82
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AAP 744.00 Vol 2 Part 2 .. .. .	AL 84
AAP 751.53 Vols 1 and 6 .. .. .	AL 15
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	AL 17
AAP 996.02 .. .. .	AL 1

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## UNCLASSIFIED

## 52—Distribution of Magazines, Pamphlets and Amendments to Publications, Etc, During November 1967

1. The magazines, pamphlets and amendments to publications, etc, and SC Series contained in the annex to this order have been distributed to ships and Services during November 1967.

2. Copies of Amendments referred to in the annex to this order are available for supply to holders of personal copies of Books of Reference and Air Publications in accordance with Article 2517 (6) of ABR 4.

## ANNEX

## BOOKS, MAGAZINES AND PAMPHLETS

Publication	Date
Aeroplane .. .. .	16.8.1967
Aeroplane .. .. .	23.8.1967
Aeroplane .. .. .	30.8.1967
Aeroplane .. .. .	6.9.1967
Aeroplane .. .. .	13.9.1967
Aircraft Vol 47 No 1 .. .. .	October 1967
Aircraft Vol 47 No 2 .. .. .	November 1967
Appendix to Navy List 1967 .. .. .	Corrected to June 1967
Approach .. .. .	September 1967
Approach .. .. .	October 1967
Electrical Design News Vol 12 No 12 ..	20.9.1967
Electrical Design News Vol 12 No 13 ..	October 1967
Electronic Information Bulletin No 711	17.7.1967
N/S 0967-001-3711	
Electronic Information Bulletin No 712	31.7.1967
N/S 0967-001-8712	

BOOKS, MAGAZINES AND PAMPHLETS—*continued*

<i>Publication</i>	<i>Date</i>
Electronic Information Bulletin No 713 N/S 0967-001-3713	14.8.1967
Electronic Information Bulletin No 714 N/S 0967-001-3714	28.8.1967
Electronic Information Bulletin No 715 N/S 0967-001-3715	11.9.1967
International Electronics Vol 13 No 5 ..	October-November 1967
Naval Ship Systems Command Technical News Vol 16 No 7	July 1967
Personnel Practice Bulletin Vol 23 No 3	September 1967
RN Navy List	Summer 1967
US Naval Communications Bulletin No 97 OPNAV 94-P2	August-September 1967
US Journal of the Institute of Navigation Vol 14 No 2	Summer 1967

## BR AMENDMENTS

<i>BR No</i>	<i>Amendment No</i>
ABR 4 .. ..	Amendment No 28 and Errata
ABR 10 .. ..	Amendment No 10
ABR 27 .. ..	Amendment No 26 dated August 1967
BR 121 (1) .. ..	3rd Edition Suppt 1
BR 125 .. ..	Suppt No 2 August 1967—1967-68 Edition
BR 125 .. ..	Suppt No. 3 September 1967—1967-68
BR 125 .. ..	New Entries No 3 September 1967-1967/68
BR 188 .. ..	Change No 8
BR 218 (4) .. ..	Change No 2
BR 226C Part 9 .. ..	Change No AN 1
BR 301 .. ..	Change No 2
BR 575 (2) D .. ..	Change No 1
BR 677 .. ..	Change No 4
BR 819 (2) .. ..	Change No 104
BR 929 .. ..	Change No 3
ABR 1077 .. ..	Change No 4
BR 1152 .. ..	Change No 6
BR 1173 (2) A .. ..	Change No 4
BR 1195 (1) .. ..	Change No 1
BR 1750 .. ..	A/L 3—23.6.1960
BR 1750 .. ..	A/L 4—September 1962
BR 1750 .. ..	A/L 5—April 1963
BR 1750 .. ..	A/L 6—November 1965
BR 1750 .. ..	A/L 7—January 1966
BR 1750 .. ..	A/L 8—September 1966
BR 1750 .. ..	A/L 9—September 1966
BR 1870 (1) .. ..	Change No 10
BR 1870 (2) .. ..	Change No 10 and Erata
BR 1964 (19A) .. ..	Change No 1
BR 2050 (402C) .. ..	Change No 7

BR AMENDMENTS—*continued*

<i>BR No</i>	<i>Amendment No</i>
BR 2050 (644) .. ..	Change No 8
BR 2224 .. ..	Change No 2
BR 2247 (2) .. ..	Change No 3
BR 22978 (B) .. ..	Change No 6
BR 2297 (10) .. ..	Change No 6
ABR 5020 .. ..	Change No 5
ABR 5038 .. ..	Change No 4
ABR 5048 .. ..	Change No 2
ABR 5070 .. ..	Change No 2
MBR 8020 .. ..	Amendment No 4 dated April 1966
MBR 8020 .. ..	Amendment No 2 dated June 1966
MBR 8074 .. ..	Suppt No 9 1967

## NAVWEP AMENDMENTS NOVEMBER 1967

<i>Publication</i>	<i>Change</i>
OP 2213 .. ..	Change No 12—15.8.1967
OP 2213 .. ..	Change No 13—1.10.1967
OP 3041 Vol 1 .. ..	ACN 5-1—15.10.1967
OP 3041 Vol 2 .. ..	CH 3—1.4.1967
OP 3041 Vol 2 .. ..	CH 4—1.6.1967
OP 3041 Vol 3 .. ..	CH 1—1.6.1967

## SIGNAL CORRECTIONS NOVEMBER 1967

<i>ACP No</i>	<i>SC No—CHNO</i>
ACP 117B .. ..	SC 3/67 Corr 15/1 and 16/1
ACP 117B .. ..	SC 6/67 Corr 17/1
ACP 117B .. ..	SC 7/67 Corr 18/1
ACP 117B .. ..	SC 10/67 Corr 19/1
ACP 117B .. ..	SC 11/67 Corr 20/1
ACP 117C .. ..	Corr 2/1
ACP 118/1 .. ..	S 4/67 CH No 47

## AMENDMENTS TO AIR PUBLICATIONS

<i>AP No</i>	<i>AL or Leaflet</i>
109A-0001-2 .. ..	(AL 1138)-B 755
116B-0901-1 .. ..	AL 3
116G-0601-6 .. ..	AL 21
1275B Vol 1 Section 10 .. ..	AL 14
1464D Vol 2 Part 1 .. ..	AL 3 (50 20.6.67)
1492A Vol 2 .. ..	(AL 51)-F 2
2234E and G Vol 2 Part 1 .. ..	(AL 67)-F 4
2531J Vol 2 .. ..	(AL 245)-B 160
	(AL 246)-B 161
	(AL 247)-B 162
2554E Vol 2 .. ..	(AL 23)-B 16 (Alt 1)

AMENDMENTS TO AIR PUBLICATIONS—*continued*

<i>AP No</i>	<i>AL or Leaflet</i>
(RAN) 8 Vol 1 Book 5 .. ..	AL 16
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	AL 28
	AL 29
(RAN) 8 Vol 5 Book 2 .. ..	AL 67
(RAN) 10 Vol 2 Book 1 .. ..	AL 18
(RAN) 19 Vol 2 Book 1 (with MWO-55- 1520-211-20/32) .. ..	AL 20
(RAN) 108 Part 3 Book 1 .. ..	AL 3
	AL 4
(RAN) 108 Part 3 Book 2 .. ..	AL 5
FSN 0716-070-8921 .. ..	Revision Notice 15.12.64
	Change Notice 1.10.66
TM 55-1520-211-10CL .. ..	Change No 2-No 3-No 4
GANNET MODIFICATION BOOKLET	AL 18

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ANO's 53-60/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
15 February 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY

## CONTENTS

No	Title
<b>SECTION 2—PERSONNEL</b>	
53	Made-to-measure Uniforms for RANNS and WRANS Officers at Sydney and for WRANS Sailors at Melbourne and Sydney—1967-68.
54	Pay, Rent Norm and Table of Normal Living Expenses for Purpose of Payment of Temporary Rental and Temporary Accommodation Allowance.
55	US Naval War College—Correspondence Courses.
<b>SECTION 4—EQUIPMENT, STORES AND SERVICING</b>	
56	Alteration and Addition Item—HMAS SUPPLY.
57	Ammunition—Demolition Stores—637369 Fuze Safety No 11 Mark 2—Oversize Lots.
58	Boilers—Internal Cleaning—Processes.
59	Stores for Fleet Air Arm—Control of Important Items.
<b>SECTION 5—BOOKS, CORRESPONDENCE, FORMS AND STATIONERY</b>	
60	Re-numbering of Official Forms.

## Section 2 PERSONNEL

### UNCLASSIFIED

#### 53—Made-to-measure Uniforms for RANNS and WRANS Officers at Sydney and for WRANS Sailors at Melbourne and Sydney—1967-68

1. Official contractors, additional to those included in Navy Order 425 of 1967, for made-to-measure uniforms for RANNS and WRANS for 1967-68, are listed in the following annexes:

##### Sydney

Annex A (RANNS and WRANS officers and sailors) .. Bishop and White Pty Ltd, 1 Lee Street, Sydney, NSW 2000

##### Melbourne

Annex B (WRANS sailors) .. I. L. Wise, 360 Little Bourke Street, Melbourne, Vic 3000

2. The terms of the contract are as follows:

Bishop and White Pty Ltd	..	2½ per cent within 30 days
I. L. Wise	.. ..	2½ per cent within 30 days

3. The conditions governing the purchase of uniforms under these contracts are contained in ABR 93, Chapter 26.

4. Sailors are warned that they themselves are responsible for ensuring that uniforms obtained under these contracts, or from private fitters, are made strictly to the approved pattern and that they are liable to disciplinary action if incorrect uniform is worn.

5. This order will be reprinted for posting on notice boards.

### ANNEX A

#### Bishop and White Pty Ltd, Sydney—Made-to-measure Uniforms for RANNS and WRANS Officers and WRANS Sailors—1967-68

Item	Price \$
<b>RANNS Officers:</b>	
Coat, Womans, Cloth, Wool, Venetian No 1 .. ..	39.00
Coat, Womans, Cloth, Wool Barathea .. ..	33.00
Skirt, Womans, Cloth, Wool, Venetian No 1 .. ..	17.80
Skirt, Womans, Cloth, Wool, Barathea .. ..	14.80
<b>WRANS Officers:</b>	
Coat, Womans, Cloth, Wool, Venetian No 1 (Including shoulder flashes):	
1st Officer .. ..	39.80
2nd Officer .. ..	39.80
3rd Officer .. ..	39.80
Coat, Womans, Cloth, Wool, Barathea (Including shoulder flashes):	
1st Officer .. ..	33.80
2nd Officer .. ..	33.80
3rd Officer .. ..	33.80
Skirt, Womans, Cloth, Wool, Venetian No 1 .. ..	17.80
Skirt, Womans, Cloth, Wool, Barathea .. ..	14.80



ANNEX A—continued

<b>WRANS Sailors:</b>	<i>Price</i>
	<b>\$</b>
Coat, Womans, Cloth, Wool, Twill No 1 .. .. .	31.30
Skirt, Womans, Cloth, Wool, Twill No 1 .. .. .	13.50

Notes: 1. The amount of 80 cents is to be deducted from the cost of WRANS officers and sailors coats if shoulder flashes are not required.

2. Additional amounts are chargeable for the following extra which may be required on uniforms being manufactured:

- Extra*
- a. Sewing on Badges and Chevrons, etc .. .. \$0.80 per garment.
  - b. Sewing on Shoulder Flashes 'Australia' .. .. \$0.80 per garment.

ANNEX B

I. L. Wise, Melbourne—Made-to-measure Uniforms For WRANS Sailors—1967-68

<i>Item</i>	<i>Price</i>
	<b>\$</b>
Coat, Womans, Cloth, Wool, Twill No 1:	
CPO with Gilt Buttons .. .. .	24.50
PO with Gilt Buttons .. .. .	24.80
or with Horn Buttons .. .. .	24.25
Skirt, Womans, Cloth, Wool, Twill No 1 .. .. .	11.75
Attaching Shoulder Flashes 'Australia' (2 No per coat) ..	0.50 per coat (plus cost of flashes)

(D of V 930/52/34)

(Navy Order 425 of 1967)

UNCLASSIFIED

54—Pay, Rent Norm and Table of Normal Living Expenses for Purpose of Payment of Temporary Rental and Temporary Accommodation Allowance

1. A table showing the pay, rent norms and normal living expenses used in the assessment of claims for payment of Temporary Rental and Temporary Accommodation Allowance is contained in the Annex attached to this Navy Order.

2. These rates are applicable from 7 July 1967.

ANNEX  
Pay, Rent Norms and Normal Living Expenses for Temporary Rental Allowance and Temporary Accommodation Allowance with Effect from 7 July 1967

Rank	Pay plus Allowances (MA \$1.05 SA 70c. UA 28c. TOTAL = \$2.03)		Rent Norms for TAA and TRA (15% of Pay and Allowances)	Normal Living Expenses					
	Daily	Annual		Member, Wife and One Child		Member, Wife and Two Children			
				\$	c	\$	c	\$	c
A/Sub-Lieutenant	9.07	3,310.55	9.52	15.90	18.20	20.50	21.80	23.10	27.60
Sub-Lieutenant	10.02	3,657.30	10.50	17.10	19.60	22.10	23.50	24.90	27.60
0/2 years	10.42	3,803.30	10.50	17.70	20.30	22.90	24.35	25.80	27.60
0/4 years	10.82	3,949.30	10.50	17.70	20.30	22.90	24.35	25.80	27.60
0/6 years	11.75	4,288.75	10.50	18.90	21.70	24.50	26.05	27.60	27.60
Lieutenant	11.75	4,288.75	12.32	18.90	21.70	24.50	26.05	27.60	27.60
0/1 year	12.26	4,474.90	12.32	20.10	23.10	26.10	27.75	29.40	29.40
0/2 years	13.18	4,810.70	12.32	21.30	24.50	27.70	29.45	31.20	31.20
0/3 years	13.70	5,000.50	12.32	21.30	24.50	27.70	29.45	31.20	31.20
0/4 years	14.21	5,186.65	12.32	21.30	24.50	27.70	29.45	31.20	31.20
0/5 years	14.72	5,372.80	12.32	22.50	25.90	29.30	31.15	33.00	33.00
0/6 years	15.24	5,562.60	12.32	22.50	25.90	29.30	31.15	33.00	33.00
0/7 years	15.75	5,748.75	12.32	23.70	27.30	30.90	32.85	34.80	34.80
Lieutenant-Commander	17.12	6,248.80	17.99	24.90	28.70	32.50	34.55	36.60	36.60
0/1 year	17.63	6,434.95	17.99	26.10	30.10	34.10	36.25	38.40	38.40
0/2 years	18.15	6,624.75	17.99	26.10	30.10	34.10	36.25	38.40	38.40
0/3 years	18.66	6,810.90	17.99	26.10	30.10	34.10	36.25	38.40	38.40
0/4 years	19.17	6,997.05	17.99	26.10	30.10	34.10	36.25	38.40	38.40
0/6 years	19.68	7,183.20	17.99	26.10	30.10	34.10	36.25	38.40	38.40

Rank	Pay plus Allowances (MA \$1.05 SA 70c. UA 28c. TOTAL = \$2.03)		Rent Norms for TAA and TRA (15% of Pay and Allowances)	Normal Living Expenses				
	Daily	Annual		Member and Wife	Member, Wife and One Child	Member, Wife and Two Children	Member, Wife and Three Children	Member, Wife and Four Children
	\$ c	\$ c		\$ c	\$ c	\$ c	\$ c	\$ c
Commander ..	20.53	7,493.45	21.56	26.10	30.10	34.10	36.25	38.40
0/2 years ..	21.05	7,683.25	21.56	26.10	30.10	34.10	36.25	38.40
0/4 years ..	21.56	7,869.40	21.56	26.10	30.10	34.10	36.25	38.40
0/6 years ..	22.07	8,055.55	21.56	26.10	30.10	34.10	36.25	38.40
Captain ..	22.93	8,369.45	24.08	26.10	30.10	34.10	36.25	38.40
0/2 years ..	23.45	8,559.25	24.08	26.10	30.10	34.10	36.25	38.40
0/4 years ..	23.96	8,745.40	24.08	26.10	30.10	34.10	36.25	38.40
0/6 years ..	24.47	8,931.55	24.08	26.10	30.10	34.10	36.25	38.40
Ordinary Seaman ..	7.01	2,558.65	7.35	13.50	15.40	17.30	18.40	19.50
Able Seaman ..	7.65	2,792.25	8.05	14.10	16.10	18.10	19.25	20.40
0/2 years ..	7.74	2,825.10	8.05	14.70	16.80	18.90	20.10	21.30
0/4 years ..	7.78	2,839.70	8.05	14.70	16.80	18.90	20.10	21.30
0/6 years ..	7.83	2,857.95	8.05	14.70	16.80	18.90	20.10	21.30
0/8 years ..	7.87	2,872.55	8.05	14.70	16.80	18.90	20.10	21.30
Leading Seaman ..	8.47	3,091.55	8.89	15.30	17.50	19.70	20.95	22.20
0/2 years ..	8.54	3,117.10	8.89	15.30	17.50	19.70	20.95	22.20
0/4 years ..	8.62	3,146.30	8.89	15.30	17.50	19.70	20.95	22.20
Petty Officer ..	9.30	3,394.50	9.80	15.90	18.20	20.50	21.80	23.10
0/2 years ..	9.38	3,423.70	9.80	16.50	18.90	21.30	22.65	24.00
0/4 years ..	9.47	3,456.55	9.80	16.50	18.90	21.30	22.65	24.00
0/6 years ..	9.54	3,482.10	9.80	16.50	18.90	21.30	22.65	24.00

Chief Petty Officer ..	10.29	3,755.85	10.78	17.10	19.60	22.10	23.50	24.90
0/2 years ..	10.36	3,781.40	10.78	17.10	19.60	22.10	23.50	24.90
0/4 years ..	10.44	3,810.60	10.78	17.70	20.30	22.90	24.35	25.80
0/6 years ..	10.51	3,836.15	10.78	17.70	20.30	22.90	24.35	25.80
0/8 years ..	10.59	3,865.35	10.78	17.70	20.30	22.90	24.35	25.80
Artisan III ..	7.65	2,792.25	8.05	14.10	16.10	18.10	19.25	20.40
Artisan II ..	8.34	3,044.10	8.75	15.30	17.50	19.70	20.95	22.20
Artisan I ..	8.85	3,230.25	9.31	15.90	18.20	20.50	21.80	23.10
0/3 years ..	9.30	3,394.50	9.31	15.90	18.20	20.50	21.80	23.10
0/6 years ..	9.65	3,522.25	9.31	16.50	18.90	21.30	22.65	24.00
0/9 years ..	9.73	3,551.45	9.31	16.50	18.90	21.30	22.65	24.00
Chief Artisan ..	10.29	3,755.85	10.78	17.10	19.60	22.10	23.50	24.90
0/2 years ..	10.36	3,781.40	10.78	17.10	19.60	22.10	23.50	24.90
0/4 years ..	10.44	3,810.60	10.78	17.70	20.30	22.90	24.35	25.80
Artificer III ..	7.99	2,916.35	8.40	14.70	16.80	18.90	20.10	21.30
Artificer II ..	9.00	3,285.00	9.45	15.90	18.20	20.50	21.80	23.10
Artificer I ..	9.68	3,533.20	10.15	16.50	18.90	21.30	22.65	24.00
0/4 years ..	9.99	3,646.35	10.15	17.10	19.60	22.10	23.50	24.90
0/9 years ..	10.30	3,759.50	10.15	17.10	19.60	22.10	23.50	24.90
Chief Artificer ..	10.60	3,869.00	11.13	17.70	20.30	22.90	24.35	25.80
0/2 years ..	10.68	3,898.20	11.13	17.70	20.30	22.90	24.35	25.80
0/4 years ..	10.76	3,927.40	11.13	17.70	20.30	22.90	24.35	25.80
0/6 years ..	10.83	3,952.95	11.13	17.70	20.30	22.90	24.35	25.80
0/8 years ..	10.90	3,978.50	11.13	17.70	20.30	22.90	24.35	25.80

Rank	Pay plus Allowances (MA \$1.05 SA 70c. UA 28c. TOTAL = \$2.03)		Rent Norms for TAA and TRA (15% of Pay and Allowances)		Normal Living Expenses				
	Annual		\$ c		Member, and Wife	Member, Wife and One Child	Member, Wife and Two Children	Member, Wife and Three Children	Member, Wife and Four Children
	Daily	\$ c	\$ c	\$ c	\$ c	\$ c	\$ c	\$ c	\$ c
Mechanician I	9.68	3,533.20	10.15	18.90	16.50	18.90	21.30	22.65	24.00
0/4 years	9.99	3,646.35	10.15	19.60	17.10	19.60	22.10	23.50	24.90
0/9 years	10.30	3,759.50	10.15	19.60	17.10	19.60	22.10	23.50	24.90
Chief Mechanician	10.60	3,869.00	11.13	20.30	17.70	20.30	22.90	24.35	25.80
0/2 years	10.68	3,898.20	11.13	20.30	17.70	20.30	22.90	24.35	25.80
0/4 years	10.76	3,927.40	11.13	20.30	17.70	20.30	22.90	24.35	25.80
0/6 years	10.83	3,952.95	11.13	20.30	17.70	20.30	22.90	24.35	25.80
0/8 years	10.90	3,978.50	11.13	20.30	17.70	20.30	22.90	24.35	25.80

Note: Where a member has a wife and five or more children an amount equal to the difference between:

- The scale of normal living costs for a member, wife and three children; and
- The scale of normal living costs for a member, wife and four children, is to be added to b. for each child in excess of four in assessing the scale of normal living costs.

(HPB 252/4/65)

## UNCLASSIFIED

### 55—US Naval War College—Correspondence Courses

1. RAN officers of the rank of Lieutenant and above are eligible to study correspondence courses from the United States Naval War College. The USN War College offers courses in Naval Warfare and related subjects to improve the professional competence of officers. The subjects parallel those of the resident command and staff course.

#### Detail of Curriculum

2. The correspondence curriculum is divided into:

a. *Naval Command and Staff*

Courses offered are:

- (1) Military Planning.
- (2) National and International Security Organisation.
- (3) Naval Operations.
- (4) Command Logistics.

b. *Naval Warfare*

Courses offered are:

- (1) International Relations.
- (2) International Law.
- (3) Counter-insurgency.
- (4) Strategic Planning.

3. A student may enrol for a particular course which is most appropriate to his specialisation. However, the US War College Strongly advises that all the courses be studied, in the order shown in Paragraph 2. Each course is a complete study in itself, but the eight courses are designed so that students can proceed in an orderly manner from each to the next. Completion of the four courses of Paragraph 2 a. gains a diploma in Naval Command and Staff. Students who subsequently complete the four courses of Paragraph 2 b. gain a diploma in Naval Warfare, and are then considered to have reached the Naval War College resident level.

4. Each course is studied from correspondence notes supplemented by intensive reference reading, and requires an essay-type solution. It is stressed that the courses require a considerable expenditure of effort and time, as solutions to problems average about 30 pages each. At this graduate level of professional education, the standards are high, and unsatisfactory solutions must be resubmitted until evaluated as acceptable.

#### Procedure for Enrolment

5. Brochures and enrolment forms are held at Navy Office. Officers who wish to enrol should apply through normal official channels. Applications will be considered only when accompanied by a recommendation from Commanding Officers that the applicants background indicates that he has a reasonable chance of success.

#### General

6. **Completion of Courses.** Navy Office is to be informed each time an officer successfully completes a course. Results will be noted in officers records.

7. Study through the USN War College Correspondence scheme will not preclude an officer from selection for staff courses in the normal course.

8. **Reference Books.** When an officer enrolls, the USN War College will forward a list of recommended reading with the first lesson. A selection of the recommended books is being built up in the Central Reference Library, HMAS CERBERUS, and in the Navy Office Library. Also, the Central Reference Libraries, located in HMAS CERBERUS, WATSON and ALBATROSS, hold a wide selection of volumes allied to the course content, but not on the recommended list. Up-to-date CRL catalogues are held by Education Officers of all ships and establishments, and books may be drawn from the libraries by application to the Senior Instructor Officer of the establishment where the CRLs are located.

(DNES 311/4/213)

#### Section 4

### EQUIPMENT, STORES AND SERVICING

UNCLASSIFIED

#### 56—Alteration and Addition Item—HMAS SUPPLY

The following Alteration and Addition Item has been approved to be carried out in HMAS SUPPLY:

*Class List Item No 58 (Ex TDL 'BR')*

- a. *Item:* 'To fit a suction line from the harbour service feed pump to the reserve feed tanks in accordance with Navy Office Drawing No MFF-1-13.'
- b. Weight compensation is not required but details of weight added are to be reported on completion of the item.
- c. *Reference:* HMAS SUPPLYs Form AS 1182, TDL 'BR' dated 16 May 1967, forwarded under cover of FOCAF Memorandum AF 1212/53/16 dated 29 June 1967.

(CNTS 1246/51/201)

UNCLASSIFIED

#### 57—Ammunition—Demolition Stores—637369 Fuze Safety No 11 Mark 2—Oversize Lots

1. *Information* .. .. . Some 637369 Fuze safety No 11 Mark 2 currently in service is oversize.
2. *Action by HMA ships* .. .. . No undue difficulty should be experienced when fitting the oversize fuze in Detonators No 80M IN if the following instruction, contained in BR 1836, Chapter 2, Paragraph 32, is observed:  
'Cut off the desired length of tested safety fuze. Gently smooth the end between the fingers, twisting it in the direction of the "lay" of the braid. Insert the fuze into the open end of the detonator again with a slight twisting movement to prevent the braid from unlaying, until it will go no further

(DAS 725/252/50)

UNCLASSIFIED

### 58—Boilers—Internal Cleaning—Processes

1. The regulations, for examination and cleaning of boilers are laid down in BR 3000, Articles 1235 to 1239, and for Wear and Waste Tests in BR 3000, Articles 1286 to 1297. The Chief Staff Officers (Technical) to the Flag Officer Commanding, Her Majesty's Australian Fleet, is the Administrative Authority and examining officer for all boilers in all HMA ships in commission or in reserve. The examining officer for boilers in shore establishments and support craft is the General Manager of the HMA Naval Dockyard concerned, except for those boilers maintained under the control of the Department of Works.

2. The method of internally cleaning a boiler, in each case, will depend on the conditions necessitating a clean, and an internal clean to remove sludge deposits only is normally to be carried out by mechanical means. Internal cleaning by a chemical process will only be approved when warranted by the composition and/or thickness of scale on the internal surfaces, or when special circumstances have arisen.

3. Approval is to be obtained from Navy Office by the examining officer before a boiler is cleaned internally by chemical process. Each application is to be accompanied by a description of the composition and thickness of scale on the internal surfaces, and any special circumstances which may be applicable. If approval is given, cleaning is to be carried out strictly in accordance with the appropriate specification issued from Navy Office.

4. Under conditions where the day-to-day water treatment of boilers has been satisfactory, internal cleaning of water tube boilers should be carried out during refit periods, to coincide with removal of internal gear necessary to carry out Wear and Waste Tests. If the results of a Wear and Waste Test indicate that internal cleaning by a chemical process would be necessary before the subsequent refit period, the examining officer should consider the desirability of doing so either during the current refit or during the next maintenance period availability, and forward recommendations accordingly. In such considerations, the necessity to remove internal gear for chemical cleaning of some boilers, as detailed below, would be a prime factor.

5. Although the processes for chemical cleaning have now been established, it is probable that sludge deposits will remain to some extent at the completion of the cleaning process. Accordingly, steam is not to be raised in a boiler after cleaning by a chemical process until all internal surfaces have been examined and any sludge deposits removed.

6. To satisfy the requirements of Paragraph 5, and to provide adequate circulation within the boiler during the cleaning process, boiler internal gear in water tube boilers is to be removed as follows:

- a. Admiralty Type 3 drum boilers—internal gear may be left in place during cleaning.
- b. Daring Type boilers—all internal baffle gear in the intermediate water drum is to be removed. Internal gear in the steam drum may be left in place, but all baffles are to be lifted for examination on completion of cleaning; and
- c. DDG Type 12 and B and W boilers in HMAS SUPPLY—all internal gear in the steam drum is to be removed.

7. Chemical cleaning of a boiler, when approved, will normally be carried out under a contract arranged by the dockyard concerned in accordance with a standard specification issued from Navy Office. Under such circumstances, the responsibilities for various portions of the process will be as follows:

a. The General Manager of the dockyard will be responsible for:

- (1) Acceptance of a tender, having due regard to the capabilities of the tenderer to satisfactorily carry out the work for the price tendered;
- (2) The provision of a 250 gallon mixing tank for use by the Contractor—the tank is to be complete with appropriate heating arrangements;
- (3) The provision of normal services to the contractor;
- (4) The fitting of special connections to the boiler, ie, fitting dummy man-hole doors and internal hoses, the plugging of downcomer tubes (if necessary), replacing blowdown cocks, etc, by acid resistant valves (if necessary) and the removal of access panels if required. On completion of the cleaning process the dockyard is to remove all such special fittings and replace the normal fittings as appropriate;
- (5) Inspection of the Contractors equipment and materials before use;
- (6) Control of the cleaning and passivation processes at all times;
- (7) Co-ordination of all phases of the process in conjunction with the ships Marine Engineer Officer and the Contractor;
- (8) Acceptance of the work done by the Contractor, after the boiler has been inspected and found satisfactory by the examining officer and the ships Marine Engineer Officer;
- (9) Forwarding a detailed report of the process to Navy Office, copy to the examining officer; and
- (10) Assisting ships staff as may be necessary to water pressure test the boiler to normal working pressure after completion of the process.

b. The Contractor will be responsible for:

- (1) The supply and installation of all necessary pipework, valves and pumping equipment external to the boiler, other than those provided by the dockyard under Paragraph 7 a. (2) and (4) above;
- (2) The supply of the approved chemicals;
- (3) The taking of proper precautions against the accidental spilling or leakage of chemical solutions;
- (4) The correct carrying out of the process, under the control of the dockyard;
- (5) The disposal of waste, including spent chemical solutions and sludge, and the removal of sludge deposits, if necessary, during and on completion of the process;
- (6) Insuring against accidental damage to ships machinery and systems; and
- (7) Removal of all his equipment on completion of the process.

c. The Marine Engineer Officer of the ship will be responsible for:

- (1) The removal of boiler internal gear, if necessary, and its subsequent replacement;
- (2) Initial filling of the boiler with water, and heating of the boiler as required in the specification;

- (3) The operation of any ships machinery or systems necessary for the process;
- (4) A complete inspection of the boiler on completion of the process, in accordance with Paragraph 5 above and BR 3000, Article 1236 (9), and acceptance of the work as satisfactory; and
- (5) Renewal of handhole gaskets and water pressure testing to working pressure assisted where necessary by dockyard.

d. The examining officer will be responsible for:

- (1) The selection of the tubes necessary to assess the condition of the boiler;
- (2) A recommendation to Navy Office in accordance with Paragraphs 3 and 4; and
- (3) Inspection of the boiler and acceptance of the work as satisfactory in conjunction with the ships Marine Engineer Officer.

8. In the cases of a ship in reserve, and of boilers in shore establishments and support craft (Paragraph 1 above refers), the responsibilities of the Marine Officer of the ship, as detailed in Paragraph 7 (3) above, are to be assumed by the General Manager of the dockyard concerned.

(DMED 1211/251/123)

## UNCLASSIFIED

### 59—Stores for Fleet Air Arm—Control of Important Items

1. To ensure that the fullest use is made of RAN assets of Air Stores (and Naval Stores used for air purposes) and to provide more accurate information on which to base timely re-provisioning action, it has been decided that a selected range of short supply items, defined as hereunder, are to be centrally controlled.

2. The items controlled may be in short supply by reason of their expensive nature or because of difficulties in supply. A short supply item may be defined as:

- a. An item for which clear pattern of shortage has developed.
- b. An item for which a clear pattern of shortage can be predicted and which may result in:
  - (1) 'Robbery' action from an otherwise serviceable parent unit or assembly; or
  - (2) An aircraft being operationally grounded.
- c. An item, the non-availability of which affects the operational role of the 'User Unit'.

#### Central Control

3. The Superintending Air Store Officer, RAN Air Store Depot, Randwick (as the Central Control Cell), is the co-ordinating authority responsible for:

- a. Maintaining standing information about the availability of stocks both serviceable and repairable in:
  - (1) RAN Store Depots;
  - (2) RAN Air Workshop, Randwick;
  - (3) RAN Air Station, Nowra;
  - (4) HMA Ships; and
  - (5) Contractors of the Civilian Repair Organisation (CRO).

- b. Arranging re-allocation of available stocks to meet critical needs.
- c. Maintaining close follow up control of defective items due for return to ensure their early feed in for repair.
- d. Exercising general control of hastening action of items under repair.
- e. Arranging preparation and distribution of consolidated statements of short supply items at monthly intervals including stocks and distribution. *See Annex E.*
- f. Arranging for advance notification by signal of amendments to list of short supply items. Revised lists will be promulgated by Navy Order from time to time as necessary.

#### Introduction of Control

4. Items to be controlled following the issue of this order comprise certain Air Stores only at this stage and they are listed in Annex A. For ready reference the items are also listed in Annex D in stock number order. In cases where user units foresee increased usage or circumstances which could lead to short supply of other items, detailed advice should be forwarded to the Superintending Air Store Officer by letter, or in urgent cases, by signal.

#### The Procedure

5. The items subject to this procedure are kept under continuous review. For items newly brought under control all stockholders in the first instance are to report to Superintending Air Store Officer, RAN Air Store Depot, Randwick, the particulars required by the form at Annex B compiled to give the position at the date and time requested in respect of items fitted to aircraft, installed equipments (ie, items in test rigs, etc) and held as spares. When squadrons or aircraft transfer to other ships or to the parent station, or when aircraft are dispatched to and from the CRO, a separate form (*see Annex C*) is to be raised by the dispatching unit to notify controlled items being transferred with the squadron or aircraft.

*Note:* Where controlled items are allowed as spares the allowance should be reported on the form at Annex B even though no stock may be held.

6. Subsequently, the following accounting procedure applies:

- a. Concurrently with the report, the ledger pages for the items concerned are to be extracted from the main ledger and filed in a separate ledger to be known as 'The Controlled Items Ledger'. Substitution pages AS 153d, endorsed 'Ledger page held in controlled items ledger', are to be inserted in the main ledgers. AS 155 forms are not to be adjusted.
- b. As transactions occur on controlled items they are to be posted in the normal manner on the appropriate ledger page of the Controlled Items Ledger and at the same time entered on a report (in accordance with Annex C).
- c. Reports of stocks held at 0001k on 1st and 15th day of each month and transactions in preceding fortnight are to be forwarded on form Annex C to Superintending Air Store Officer, RAN Air Store Depot, Randwick, NSW 2031 (ships overseas using airmail). Nil reports are required.
- d. All demands (except those to meet urgent requirements with a target date of five days or less) for controlled items are to be forwarded to the appropriate authority, as shown on Column 5 of Annex A.

- e. Items required in five days or less are to be demanded by signal. Article 0611 of ABR 4 refers.
- f. For ease of identification the description of items on all demands including signalled demands and correspondence regarding controlled items, is to be prefixed 'CCC' and demands are to be clearly marked 'Controlled Item'.

7. One reason for shortages is that unserviceable articles are not always returned expeditiously. The Central Control Cell will assume that if a serviceable article is reported in the Record of Transactions as issued, a defectived article will be returned, or will be reported as scrap or repaired on board. The disposal of the assumed defective article will be revealed on subsequent reports, but if this has not occurred within a reasonable period of the date of report of the issue, the service concerned will be asked to report the position. Replies to such inquiries should be made as early as possible. The procedure for items subject to A21 action is detailed in Annex F.

8. A consolidated statement in the form of a summary will be distributed to reporting authorities by the Central Control Cell at monthly intervals to show the position as at the first day of the month. *See Annex E.*

#### Decontrol

9. The Central Control Cell will notify amendments to the list from time to time. *See Paragraph 3 f.* When notification is received that control of an item is lifted, the ledger page is to be removed from the Controlled Items Ledger and re-inserted in the main account.

#### ANNEX A Important Items Subject to Control

Item No (1)	Stock Number (2)	Description (3)	Applicability (4)	Return To (5)
1	26WX L55258 or 26WX 12386	Canister Cover Canister Cover (Anglicized Version)	..	
2	26WX L53241	Flotation Assembly STBD	..	
3	26WX L53244	Flotation Assembly PORT	..	
4	26WX 219	Throttle Servo Unit	..	
5	37F L50048	Starter Engaging Box	..	
6	26WX L50656	Cool Gas Generator	..	
7	37F L50018	Turbo Starter	..	Wessex SSO (Air) Randwick
8	6TF 3608	Attitude Indicator	..	
9	5UB 7800	D2A2 Inverter	..	
10	5UA L54502	Generator	..	
11	6TF 3604	Vertical Gyro Type A	..	
12	6TF 3605	Amplifier Unit	..	
13	6TF 3615	Hover Coupler	..	
14	6TF 3809	Servo Motor	..	
15	26WX 308 21566	Secondary Servo Unit	..	
16	26WX 214	Expansion Coupling	..	
17	26WX 307	Rotor Hub Assembly	..	
18	2840 509-8032	Nozzle Turbine Assy.	..	
19	2915 994-2016	Governor Assy.	..	
20	2915 993-0585	Regulator Fuel Control	..	Iroquois SSO (Air) Randwick
21	1615 756-9140	Main Rotor Blades	..	
22	1615 073-8203	Mast Assemblies	..	

**ANNEX B**

To: Superintending Air Store Officer,  
RAN Air Store Depot,  
Randwick,  
N.S.W. 2031

From: .....  
.....  
Ref : ..... Date.....  
Forwarded.

Supply Officer.....

**Control of Important Items of Stores**  
\*Report of Stocks held on.....

Item	Stock Number	Description	Assets					Number Allowed as Spares	Remarks
			Serviceable			Unserviceable			
			In Store	Permanent Loan	Installed	In Store	Installed		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1									
2									
3									
4									

\*To be dispatched by air mail by ships overseas.

**ANNEX C**

To: Superintending Air Store Officer,  
RAN Air Store Depot,  
Randwick,  
N.S.W. 2031.

Forwarded ..... From: ..... Date.....  
(Signed)  
for Supply Officer.....

**Control of Important Items of Stores**  
†Record of Transactions

Item	Stock Number	Description	Date of Transaction	Voucher		*Recd. from Issued to	Qtys. Recd.				Qtys. Issued		Serv. Stock Remaining		U/S Stock Remaining	
				Type	Number		Serv.	U/S Rep.	Form A21	Scrap	Serv.	U/S Rep.	Spares	Fitted	Spares	Fitted
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)

\*Aircraft Number, Permanent Loan, Ships Name, Depot etc.

†To be dispatched on 1st and 15th day of each month (by air mail from ships overseas). Nil returns are required.  
Forms and returns should quote aircraft number and not Squadron except for items on P/L.





## ANNEX F

## Defective Aircraft Stores in Short Supply—Items Subject to A 21 Action

1. A standard signal is to be used in the following form, and is always to be followed by the Form A 21 giving complete details which should include reference to the signal:

From: Unit  
To: FOICEA  
Info: FOCAF

Headed—For SAMR, SNSO, SSO (Air) CCC—Aircraft Defect—ANO . . .

- a. Squadron, unit, etc, as applicable.
  - b. Aircraft type, role, mark and serial numbers.
  - c. Power plants, number (if applicable) and engine, type, mark and serial numbers.
  - d. Components or sub-assembly, name, ie, description, type, stock number or part number, modification state as affecting the defect, date installed, hours flown, number of landings, date of last inspection.
  - e. Defective parts, ie, description, part number, serial number, stock number, makers name (if applicable).
  - f. Nature of defect and remarks (stating how defect was found and probable cause).
  - g. Recommended venue for repair, ie, Local or CRO.
2. Except for Paragraph g., the format is similar to RANAMM 251 which deals with 'Important Aircraft Defects'.
3. Defective items considered beyond local repair should be returned forthwith to the Authority noted in Annex A. The AS 118 labels are to be clearly marked 'Controlled Item' and should include reference to the signal.
4. Items which are repairable by local resources are to be given a high priority. Workshops are to ensure that all details of the necessary rectification are noted for inclusion in the Form A 21.
5. SAMR is to action signal reports as follows:
- a. Assess whether item should be sent for defect investigation.
  - b. Weigh a. against need for and availability of urgent replacement.
  - c. Initiate reply to signal, particularly in regard to signal Paragraph g.

(D of S 601/251/28)

## Section 5

BOOKS, CORRESPONDENCE, FORMS AND STATIONERY  
60—Re-numbering of Official Forms

## UNCLASSIFIED

The following forms have been reprinted in accordance with Navy Order 155 of 1967:

<i>Old Number</i>	<i>Functional Number</i>	<i>Title</i>
AB 103	PR 102	Form of Engagement—RAFR.
AB 131	PP 105	Annual Report and Change of Address for RAFR Sailors.
AD 157A	SA 121	List of Issue, Receipt and Transfer Vouchers actioned by Storehouseman.
AD 408C	TT 100	Report of Trials of Motor Boats.
AD 499	TE 100	Results of Testing Electrical Circuits.
AD 508 No 1A	SD 103	Additional Inventory.
AD 3007	KC 106	Supply Note (Confidential Books).
AD 3008	KC 107	Receipt Note (Confidential Books).
AE 190A	PP 106	Record and Certificates for Aircrew.
AM 15Z	PM 106	Weekly Return of Cases on Sick List.
AM 202y	PM 125	Mechanical Day Book (Dental).
AM 202z	PM 101	Surgical Day Book (Dental).
AM 233y	PM 100	Dental Appointment Book.
AM 252z	PM 132	Final Medical Board Report.
AS 18	FN 104	Casual Payments Sheet for Officers and Sailors.
AS 48a	FN 130	Pay List, Extra Copy.
AS 55	PR 103	Form of Engagement—PNF Seagoing.
AS 55c	PR 104	Form of Engagement—WRANS.
AS 55w	PR 105	Form of Engagement—Papua and New Guinea Division.
AS 55x	PR 106	Form of Engagement—Auxiliary Services.
AS 65z	FA 115	Official Receipt Book.
AS 79m	SA 111	Clothing Issued Free to RANR Class III on Entry.
AS 80	SX 108	Cash Clothing—Issue Note.
AS 101w	SX 102	Loan Bedding for Reserve Sailors.
AS 101x	SA 110	Bedding and Anti-flash Gear issued on Loan.
AS 148 (Outside)	SS 102	Report of Stocktaking.
AS 153	SA 112	Ledger Page—Permanent Stores.
AS 161b	FN 117	Report of Change Affecting Pay.
AS 206	PP 101	Confidential Report on Officers.
AS 206x	PH 105	Cover for Form PP 101—Confidential Report on Officers.
AS 301	SA 105	Expenditure of Small Arms Ammunition.
AS 301Z	TM 101	Maintenance Schedule.

<i>Old Number</i>	<i>Functional Number</i>	<i>Title</i>
AS 442	PE 102	Application for Test and Report of Result.
AS 462	SA 118	Return of Numbers Victualled and Provisions Expended.
AS 467c	TF 101	Supplementary Rough Engineroom Register.
AS 536n	PE 101	Qualification Sheet for Naval Artificer Apprentice.
AS 545z	PA 105	Envelope for Will Form.
AS 624	PB 104	Draft In/Out Card—HMAS PENGUIN.
AS 1053	SS 101	Record of Muster of Victualling Stores.
AS 1148 (I)	TW 104	Report on Failure of Guns, Depth Charges, etc.
AS 1149	LP 101	Notice to persons employed in Magazines.
AS 1150 (8)	OS 101	Fair Elevation Record.
AS 1177	TN 100	Compass Log.
AS 1197	TF 104	IC Engine Maintenance Log.
AS 1320D	CM 100	Message Form—Unclassified, Small.
AS 1320K	CM 101	Message Form—Top Secret.
AS 1588	LP 100	Notice. Communications Security.
AS 3008G O/E	TM 102	Auxiliary Sheets—Spare Gear.
AS 3012	TM 101	Maintenance Schedule.
AS 3130	CC 100	Central Reference—Book Order.
AR 11	PR 119	Recruiting Return.
AR 12	PR 114	Application for Entry into the RANNS.
AR 15	PR 116	Application for Entry as Midshipman (SL)
CP 12	PA 104	Position Card.
CP 13	PR 113	Application for Apprenticeship—Williamstown Naval Dockyard.
CP 20	PA 107	Indenture of Apprenticeship—Garden Island Naval Dockyard.
CP 26	PH 102	Personal File Cover.
CR 28	CR 107	Top Secret File Cover—East Australia Area.
DO 19	PH 103	Sea/Shore Record.
DO 20 (g)	PA 103	Numbers Record.
DW 303	TI 102	Rocket Motor PD Type 34.
ER 1	PR 109	Form of Engagement—RANER.
F Pkg 65	LB 108	Label. 'Fragile'.
F Pkg 67	LB 110	Label. 'This Side Up'.
HPB 8	PE 100	Educational Record.
NA 3/3A	FS 100	Salaries, Wages, Compensation and Meal Allowance.
NA 16D	FN 133	Schedule of Bank Allotments.
NA 16E	FL 101	Summary of Bank Allotment Schedules.
NA 32	FN 103	Miscellaneous Adjustment Voucher.
NA 36	FS 102	Salary Account.
NA 55	FL 102	Australian Allotments Journal.
NMT 7	LG 103	Instructions for Drivers of Naval Motor Vehicles.

<i>Old Number</i>	<i>Functional Number</i>	<i>Title</i>
RANATE 1	PH 107	Apprentice Record and Progress Docket.
RANR 6	PR 107	Form of Engagement—RANR.
RANVR 1	PR 108	Form of Engagement—RANVR.
S 90	SA 107	Bakery Book.
S 560/D197	CR 100	Register of Official Correspondence.
S 1148G	OS 100	Report on Gun Direction Exercises.
S 1148S	OS 104	Surface Analysis.
S 1614	OU 100	Destroyers and Cruisers Torpedo Attack Record.
S 1615	OU 101	Destroyers Torpedo Attack Record.
S 1651	OE 100	Electronic Warfare Report Form.

2. ABR 5062 will be amended in due course.

(D/O & M 464/70/507)

(Navy Order 155 of 1967)

Year	Month	Day	Event
1911	Jan	1	...
1911	Jan	2	...
1911	Jan	3	...
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RESTRICTED

ANO's 61-76/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
21 February 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY

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## Section 1

### ADMINISTRATIVE AND GENERAL

#### UNCLASSIFIED

#### 61—Her Majesty the Queen's Official Birthday and Commonwealth Day—Observance in 1968

1. It was announced in May 1966 that Commonwealth Day would in future be observed concurrently with Her Majesty the Queen's Official Birthday.

2. In 1968 the birthday of Her Majesty the Queen and Commonwealth Day will be officially observed on Saturday 8 June.

3. In Australian waters, a Naval salute is to be fired at noon on this day from all Her Majesty's Australian ships which are authorised to salute, unless otherwise ordered by local authorities.

4. Ships and establishments are to dress overall on 8 June and again on the day of the public holiday declared by States and Territories, if necessary in addition to dressing overall on 10 June which is the birthday of HRH the Prince Philip, Duke of Edinburgh.

5. Navy Order 669 of 1966 is hereby cancelled.

(D of C 75/2/7)

(Navy Order 669 of 1966)

#### UNCLASSIFIED

#### 62—Nomenclature of Cadet Midshipmen Classes at RANC

1. With the introduction of the new training pattern at the Royal Australian Naval College in 1968, it has been decided to revise the nomenclature of classes.

2. Henceforth, Cadet Midshipmen at the Royal Australian Naval College will be referred to as follows:

<i>Course</i>	<i>Cadet Entry</i>	<i>New Class Reference</i>
Junior Course ..	1st Year Junior Entry ..	.. Class IV
	2nd Year Junior Entry ..	.. Class III
Degree Course ..	3rd Year Junior Entry ..	.. Class II
	1st Year Senior Entry ..	.. Class II
General Course .. (Non-degree)	3rd Year Junior Entry ..	.. Class II
	1st Year Senior Entry ..	.. Class II
	4th Year Junior Entry ..	.. Class I
	2nd Year Senior Entry ..	.. Class I

3. Class II Cadet Midshipmen can be further divided into Class II (Degree Course) and Class II (General Course).

4. The above new class references are to be used where appropriate, in all future correspondence and matters relating to Cadet Midshipmen.

(DOA 310/1/108)

## UNCLASSIFIED

**63—Safety—Hazard Survey and Inspection Teams**

1. As part of the continuing Accident Prevention Programme in the Royal Australian Navy, ships and establishments are to institute a Hazard Survey and Inspection Team, which periodically undertakes a planned inspection of all activities. The survey team should carefully and systematically inspect each department, its equipment, machines, general housekeeping, work methods, and so on, to detect all possible hazards or unsafe acts.

2. The report of the survey team should show:

- a. action which can be taken within the ship or establishment to eliminate a hazard or obviate an unsafe act;
- b. ship or establishment or other organisational faults;
- c. defect action appropriate; and
- d. A and A action necessary.

3. The recommendations of the survey team are to be considered carefully by the Captain, who is to take steps to implement those matters approved by him which lie within his jurisdiction, or to refer other matters to higher authority.

4. In this regard follow-up action should be taken to review the effectiveness of measures taken.

5. Administrative Authorities are to remark on the activities and effectiveness of Hazard Survey and Inspection Teams in their annual Reports of Inspection.

(CONS 8/202/13)

**Section 2**  
**PERSONNEL**

## UNCLASSIFIED

**64—Medical Expenses for Dependants of Service Personnel Serving Overseas**

1. The following changes have occurred in the conditions governing reimbursement of medical expenses for dependants of Service personnel serving overseas:

- a. The Head of the Mission who has authority to reimburse personnel for medical expenses incurred up to \$A200 may now reimburse claims up to \$A400. Any claim in excess of \$A400 is to be submitted to Navy Office for consideration, but the Head of Mission may meanwhile reimburse the first \$A400.
- b. Where a member marries overseas while on long term posting and following the marriage, his wife is entitled to a return fare to Australia, the provisions of NPI 105/308-309 may be applied where any medical expenses are incurred by his wife.
- c. Where a member contributes to an approved Australian medical and hospital fund, benefits from these are normally payable in respect of services obtained overseas and together with any Commonwealth benefits, are to be deducted from the amount expended before any reimbursement is

calculated. In administering these claims a member will be deemed to be a contributor at the maximum rates of contribution to the medical/hospital fund to which he contributes or, in any cases where the claimant is not a contributor, at the maximum rates of contribution to the Navy Health Benefits Society.

2. NPI should be noted pending amendment.

(HPB 156/51/40)

**Section 3**  
**OPERATIONAL AND TRAINING**

## UNCLASSIFIED

**65—Sailors Course Programme—1968**

Navy Order 543 of 1967 is to be amended as follows:

**Appendix:**

- a. 911930 POSR Course:  
*amend* starting date '13.5.68' to read '20.5.68'.
- b. 911750 ABRP Course:  
(1) *amend* starting date '20.1.68 (2)' to read '20.5.68 (2)'.  
(2) *delete* '(2)' after 26.2.68.
- c. 913950 Direct Entry ERA Course:  
*amend* duration of course to read '18'.
- d. 915710 NAAH Course:  
*insert* '4-12' in 'Min/Max Nos' column.
- e. 916910 POAMW Course:  
*amend* re-engagement category to read 'B'.
- f. 916220 TOW Course:  
*delete* starting dates '8.4.68' and '7.10.68'.
- g. 917580 TOW Course:  
(1) *amend* starting dates '16.1.68' to read '15.1.68' and '10.7.68' to read '22.7.68'.  
(2) *delete* starting dates '10.4.68' and '9.10.68'.
- h. 918300 Masseur Course:  
(1) *amend* EDP No to read '918290'.  
(2) *amend* location to read 'CERBERUS' only.  
(3) *amend* duration of course to read '38'.
- i. *insert* new course as follows:

EDP No	Course	Location	Duration in weeks	Re-engag. Category	Starting Dates	Min/Max Nos
918400	Masseur re- qualifying Course	CERBERUS	6	D	As required	1

- j. Supply and Secretariat Branch 919710:  
*amend* 'VTR' to read 'WTR'.

- k. Note:  
*after* '914690' *insert* '916220'.

(DMT 311/201/281)

(Navy Order 543 of 1967)

## Section 4

## EQUIPMENT, STORES AND SERVICING

## UNCLASSIFIED

## 66—Alteration and Addition Item—HMAS DUCHESS

The following Alteration and Addition Item is approved to be carried out in HMAS DUCHESS:

*Class List Item No 111 (Ex TDL 'NDBZ')*

- a. *Item:* 'To improve the environmental conditions in the officers accommodation and switchboard room. The existing systems are to be modified in accordance with Navy Office Drawing 201/DUCH/112 (GMGID Drawing No 132-105).'
- b. Weight surrender of 1,800 lb at or above 2 Deck level is required and details of items surrendered are to be forwarded to Navy Office.
- c. *References:* (1) GMGID Memorandum Ref No DNC 20/5/38 dated 26 July 1966.  
(2) FOCAF signal DTG 070146Z December 1966.  
(3) ACNB signal DTG 150043Z December 1966.  
(4) ACNB signal DTG 310705Z January 1967.

(CNTS 1215/259/33)

## UNCLASSIFIED

## 67—Alteration and Addition Item—Type 12 DEs

Navy Order 298 of 1967 is to be amended as follows:

## Paragraph 1:

- (a) *Item:*  
after . . . . and provided with a' insert 'head and . . . .

(CNTS 1224/272/142)

(Navy Order 298 of 1967)

## UNCLASSIFIED

## 68—Alteration and Addition Item—Type 12 Destroyer Escorts

The following Alteration and Addition Item is approved to be carried out in Type 12 Destroyer Escorts:

*Class List Item No 320 (Ex TDL 'NFDD')*

- a. *Item:* To fit an emergency escape scuttle in the deck head of the crews sleeping spaces, No 3 Deck aft, Frames 57-62½ and at Frames 68-75. The position to be determined by dockyard officers.
- b. Total top weight compensation required for the 2 in No scuttles is 250 lb at No 2 Deck level.

(CNTS 1205/58/28)

## UNCLASSIFIED

## 69—Batteries and Cells—Ventilation of Battery Containers

(DCI (RN) 1240/1967)

1. Attention is drawn to the requirements, when a secondary battery in use in HMA dockyards and shore establishments is housed in a container, to ensure that the container is properly ventilated to prevent the accumulation of a dangerous concentration of hydrogen.

2. The ventilation for these batteries on open circuit, or discharge conditions can be considered adequate if the venting area provided is not less than:

$$\frac{3 \times \text{No of battery cells} \times \text{ampere hour capacity of battery}}{1000} \text{ sq in.}$$

3. All containers of propulsion or starter batteries on mechanical handling equipment and vehicles used in HMA dockyards and shore establishments are to be examined and the ventilation increased, if necessary to meet the above requirements.

4. These provisions will not be adequate when the battery is being charged, and under these conditions the container cover is always to be removed to permit free dispersal of the hydrogen evolved.

5. Care is to be taken to ensure that existing and additional (if any) ventilation openings are arranged to exclude falling water and will be unlikely to become choked with dirt, etc.

6. The above requirements do not apply to batteries that are charged in situ in ships or submarines installations.

7. Navy Order 137 of 1967 is hereby cancelled.

(ACDC 400/2/725)

(Navy Order 137 of 1967)

## UNCLASSIFIED

## 70—HMA Ships—Cathodic Protection—Operation of Impressed Current Systems

1. Cathodic protection was introduced into HMA Fleet as an aid to the reduction of docking of HMA ships.

2. For cathodic protection to be a success, it is of utmost importance that the systems fitted in each ship be properly adjusted and maintained.

3. The following information is promulgated as a guide to the proper adjustment of impressed current CP systems:

- a. The potential of an adequately protected ships hull should be maintained between 800 and 820 millivolts. It should be noted that corrosion takes place below 790 Mv and that paint can commence to strip off above 850 Mv.
- b. Experience has shown that the current required for adequate protection at sea is approximately twice that required for adequate protection in harbour. In the absence of any precise details of currents required for the particular

paint condition of the hull it is recommended that the initial current setting at sea be twice that required in harbour. The following gives typical total current values for adequate protection at sea but the actual harbour current must still be taken as the initial basis:

- (1) Darings—HMAS VENDETTA and VAMPIRE . . . 35 to 50 amperes  
 (2) Type 12 Frigates . . . . . 20 to 35 amperes

- c. If the current required for adequate protection rises greatly a partial short on one of the pair groups may exist. This resistance should be checked using Ohms Law. The resistance of an anode pair should be approximately between 0.3-0.7 ohms.
- d. If it is established that the resistance of the anode is low it is likely that there is a short inside the anode gland box. This should be opened to check for metallic contact or ingress of water.
- e. If the anode resistance is found to be more than 0.3 ohms it is possible that the rise in anode current is due to a failure of the dielectric shields or the underwater paint film. A divers inspection should therefore be made.
4. It is important that a full description of any difficulties or defects arising in a CP system be stated on the page for remarks on Form AS 3070Z.
5. Navy Order 25 of 1965 is hereby cancelled.

(ACDC 1211/52/100)

(Navy Order 25 of 1965)

## UNCLASSIFIED

### 71—Safety—Caustic Soda Solutions—Using with Aluminium and Other Non-ferrous Metals—Danger

(DCI (RN) 1148/1967)

1. Attention is drawn to the need for care in using caustic soda solutions in the vicinity of non-ferrous materials.
2. Hydrogen is produced by chemical reaction between caustic soda solution and non-ferrous metals, particularly aluminium and its alloys. Under certain circumstances this can promote an explosion hazard.
3. The emphasis is on the unsuitability of non-ferrous metals, particularly aluminium and its alloys, for drums, etc, to contain caustic solutions, but the warning applies equally to taps, valves, pipelines and other associated fittings.

4. Caustic alkaline substances and solutions containing these, which are included in ABR 5074 (RAN Catalogue of Naval Stores) are as follows:

Group Class	Catalogue No	Description
0473	53	Caustic Soda
0473	L58510	Potassium Hydroxide
0473	95	Caustic Potash

5. Apart from the risk mentioned above, caustic soda and other strongly alkaline solutions promote corrosion of aluminium and aluminium alloys. Their use for cleaning aluminium alloy ships structure is prohibited. (BR 1794—Craft Technical Memorandum and BR 2203—Ship Husbandry Manual.)

(DNS 177/51/61)

## RESTRICTED

### 72—Wireless—Auto Alarm—Radio Outfit SQA—5820-99-971-8429

(DCI (RN) 503/1967)

#### 1. Description

The Auto Alarm Radio, Outfit SQA, is a compact radio receiver designed to give an audible and visible alarm when a distress signal is received on the international distress frequency of 500 Kc/s. The equipment may be used either as an auto alarm or as fixed frequency 500 Kc/s receiver. If used as a 500 Kc/s receiver, the auto alarm facility is disabled. Where fitted in conjunction with FM12 or FM16 it may share the same sense aerial.

#### 2. Fitting Policy

Outfit SQA will be fitted:

- a. In all new construction escorts and above; and  
 b. retrospectively by A and A action in:

HMAS MELBOURNE	(TDL NMBB)
HMAS SYDNEY	(TDL NYAF)
HMAS VAMPIRE	(TDL NBDX)
HMAS VENDETTA	(TDL NBDX)
HMAS PARRAMATTA	(TDL NFDK)
HMAS DERWENT	(TDL NFDK)
HMAS YARRA	(TDL NFDK)
HMAS STUART	(TDL NFDK)
HMAS QUEENBOROUGH	(TDL NQAU)
HMAS ANZAC	(TDL NBBE)
HMAS PERTH	(TDL NSAA)
HMAS HOBART	(TDL NSAA)
HMAS BRISBANE	(TDL NSAA)
HMAS TEAL	(TDL NCY)
HMAS SNIPE	(TDL NCY)
HMAS CURLEW	(TDL NCY)
HMAS GULL	(TDL NCY)
HMAS HAWK	(TDL NCY)
HMAS IBIS	(TDL NCY)

#### 3. Documentation

- a. User Instructions—BR 222 will be amended. User instructions are also contained in the equipment handbook BR 2446 when available.
- b. Equipment Handbook—BR 2446 is in course of preparation by MOD (Navy). Interim instructions will be supplied with the equipment to ships being fitted before publication date.
- c. Installation Specification—ASWE Specification B967 is available.
- d. E list—R 1507.
- e. Testing and Tuning Instructions and Acceptance—Details are given in the equipment handbook.
- f. Dockyard Test Facility—Special test equipment for Outfit SQA is being supplied to HMA Naval Dockyards Garden Island and Williamstown.
- g. Planned Maintenance Schedules will be supplied.

(ACDC 400/201/306)



**RESTRICTED****73—100 foot Patrol Boats—Inspection of Ordnance**

1. Ordnance carried by 100 ft Patrol Boats will be inspected at six monthly intervals.
2. An inspection team will be sent from Sydney to HMAS TARANGAU—and if necessary Darwin—for a period of approximately three weeks during which time boats are to be brought in one at a time. Inspection is expected to take from two to three days. Base Ordnance Staff are to assist in stripping, cleaning and re-assembling.
3. NOIC NG is to signal FOICEA info C of P Sydney at least one month before the team is required.

(DNQA 18/206/510)

**Section 5****BOOKS, CORRESPONDENCE, FORMS AND STATIONERY****UNCLASSIFIED****74—Economy in the Use of Stationery**

1. The list of stationery items which are only to be supplied to meet essential requirements, as detailed in ABR 4, Article 2522 (1), has been revised and is now as follows:

- Binders, loose-leaf, spring back type
- Books, appointment
- Calendar pad, refills
- Dispensers, security seal
- Fountain pen, 'Viz-Pen'
- Markers, fountain type, felt tip
- Numbering machines
- Openers, letter, hand
- Perforators, paper, desk
- Punch, paper, hand
- Scissors, household
- Sharpeners, pencil
- Stands, calendar pad
- Staplers, paper fastening, office, heavy duty and medium

2. Demands for these items need no longer be referred for approval of Administrative Authorities but may be approved by the Commanding Officer of the ship or establishment concerned (in the case of tenders the Commanding Officer of the parent ship).

3. A certificate of approval by the Captain, similar to that for items in excess of establishment referred to in ABR 4, Article 0608, is to be attached to demands for the above items.

4. ABR 4, Article 2522, will be amended.

(DSAP 462/51/48)

**Section 6**  
**ESTABLISHMENTS**

**UNCLASSIFIED****75—Fire Precautions—Establishments**

1. A recent outbreak of fire at a Naval establishment involved the pillow and mattress in a sleeping cabin. The cause of the fire can be safely attributed to a lighted cigarette igniting the bedding when the occupant fell asleep. The occupant was awakened by a person returning to quarters who discovered the room to be filled with smoke. There have been two other similar incidents during recent months.
2. This order is promulgated to emphasise the risks of persons being asphyxiated, without sustaining any injury by burns due to smoking in bed.
3. Although thermal alarms are installed in many accommodation areas, the irrespirable atmosphere created by smouldering bedding will not necessarily operate the alarm system before a fatality has occurred.

(DNW 1446/1/27)

**Section 7**  
**CANCELLED LIST**

**RESTRICTED****76—Ikara Weapon System—Post Design Services**

Navy Order 254 of 1967 is hereby cancelled.

(DWE 740/252/700)

*(Navy Order 254 of 1967)*





# AUSTRALIAN NAVY ORDER

Navy Office, Canberra,  
26 February 1968.

The enclosed order is promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*Handau.*

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers in  
Charge of HMA Naval Establishments, and others  
concerned.*

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## Section 1

### ADMINISTRATIVE AND GENERAL

UNCLASSIFIED

#### 77—Royal Australian Naval Emergency Reserve—Conditions of Service

1. The Royal Australian Naval Emergency Reserve (short title RANER) has been established to provide a readily available source of manpower which may be called out by the Governor-General for continuous full time Naval Service in time of war, in time of defence emergency or in a situation short of such conditions for the purpose of:

- a. augmenting complements of ships of the fleet;
- b. providing crews for additional operational units; and
- c. manning essential base and support facilities.

2. This Force consists of former PNF and CNF personnel, already trained and who have been selected for specified tasks. Enlistment in the case of sailors, or transfer, in the case of officers, is restricted to volunteers who, because of previous training and qualifications, are able to fulfil these tasks at immediate notice.

3. This order covers the following:

- A. Conditions of Transfer or Enlistment;
- B. Eligibility;
- C. Obligations;
- D. Protection of Civil Employment;
- E. Naval Service;
- F. Medical;
- G. Financial;
- H. Discharge; and
- I. Administrative Aspects.

Current obligations, conditions of enlistment, etc, in the Royal Australian Fleet Reserve remain unchanged.

#### A. TRANSFER OR ENLISTMENT

##### General

4. No former member of the PNF is compelled to serve in any part of the Reserve or Citizen Naval Forces. However, under the provisions of the Defence Forces Retirement Benefits Act, the pension or gratuity of a former member of the PNF may be reduced if, on discharge, he is asked to serve in a Reserve but declines to do so.

5. PNF officers on retirement who so elect, may be transferred to the RANER if vacancies exist in their rank and category. Supplementary List Aircrew Officers are not required at present.

6. Sailors eligible to enlist in the RANER will be asked by the Director of Naval Reserves if they wish to join when their enlistments into the RAFR are being processed in Navy Office. In all cases enlistment will be subject to vacancies existing in the various ranks and categories.

##### Applications for Transfer or Enlistment

7. All applications for transfer to, or enlistment in, the RANER are to be referred to the Director of Naval Reserves, Navy Office, Canberra, ACT.

#### Period of Enlistment

8. The period of enlistment will be for five years with the option of re-enlistment for further periods of two years. Applicants who, through age, are not eligible for initial period of enlistment of five years, may be enlisted for the period between the date of enlistment and the retiring age providing the minimum time served is two years.

#### Rank on Transfer or Enlistment

9. The rank of an officer on transfer will be the substantive rank held in that section of the Naval Forces from which he transferred and with such seniority as the Naval Board determines. This will normally be the same as that previously held.

10. A sailor will be enlisted in the rank of Able Seaman or the relative rank in that part of the Force in which he is to serve. He will be promoted in daily stages to the rank last held (whether acting or confirmed) in that part of the Naval Forces in which he formerly served.

#### Concurrent Service in the CNF and RANER

11. Concurrent service in the CNF and RANER is not permitted. However, a member of the Emergency List or RAFR who is accepted for service in the RANER and subsequently is discharged at his own request prior to the date on which he would have completed his period of service in that Reserve, may be requested to serve on the Emergency List or in the RAFR to complete the period.

#### Promotion

12. At the present time there are no avenues for promotion in the RANER except in the case of sailors who are carrying out continuous full time service in a PNF vacancy. Promotion in this situation is the same as for members of the PNF. The whole question of promotion in the RANER is currently under investigation.

#### Good Conduct or Good Service Badges

13. Members are entitled to wear those good conduct or good service badges awarded to them for previous RAN or RANR service which had been completed within five years of enlistment in the RANER. Service in the RANER does not count towards the award of good conduct/good service badges at this time.

#### Long Service and Good Conduct Medal

14. Members are entitled to wear the long service and good conduct medal which had been awarded them for previous service in the RAN or Citizen Naval Forces. Service in the RANER does not count towards the award of this medal at the present time.

#### B. ELIGIBILITY

15. Applicants who satisfy the following conditions may be transferred to or enlisted in the RANER:

##### a. Previous Naval Service

An applicant must have had at least three years satisfactory service in either the PNF or CNF or another Commonwealth navy and must have reached a standard of training and efficiency that would enable the applicant to fill a vacancy in the PNF.

- b. *Age*  
An applicant must not have attained the age of 48 years, or in the case of officers holding the substantive rank of Captain, 53 years. The retiring age for officers and sailors is 50 years, except in the case of an officer holding the substantive rank of Captain, in which case the retiring age will be 55 years.
- c. *Medical*  
Applicants are to be medically examined in accordance with the medical standards and examination practice prescribed for members of the PNF. This may be completed by a Commonwealth Medical Officer where a Naval Medical Officer is not available. The exceptions to this rule are as follows:
- (1) applicants who have been discharged from the Permanent Naval Forces on non-medical grounds during the preceding six months; and
  - (2) applicants from the Citizen Naval Forces who have successfully completed a medical examination within the preceding six months.

### C. OBLIGATIONS

16. Members of the RANER have the following general obligations:
- a. *Call Out For Continuous Full Time Naval Service*  
The Governor-General may, by notice in the Gazette, call out all or part of the RANER for continuous full time Naval service.
  - b. *Annual Naval Service*  
Members are required to complete thirteen days continuous Naval service annually, except during a year in which they complete at least thirteen days full time service for other reasons.
  - c. *Training Year*  
A 'training year' commences from the date of enlistment or transfer, and for each succeeding year on the anniversary of that date.
  - d. *Notification of Change of Address or Employment*  
A member not employed on continuous service who changes his place of residence or place of employment is to notify the Director of Naval Reserves in writing of his new address or employment within seven days of such change.
  - e. *Travel Abroad*  
Any member who intends to travel outside the Commonwealth of Australia is to apply in writing to the Director of Naval Reserves for leave of absence.

### D. PROTECTION OF CIVIL EMPLOYMENT

17. Provision is made in the Defence (Re-establishment) Act to protect a member from adverse treatment by his employer because of his service obligation. The employer is required:
- a. not to hinder or prevent a member joining or serving with the RANER;
  - b. not to penalise or prejudice him in his employment whether by reducing his salary or wages, or dismissing him;
  - c. to permit the member to take normal holidays at times other than when he is absent on Naval service, except if the member requests otherwise;

- d. not to terminate the employment contracts of a member by reason of his absence on Naval service; and
- e. to permit the member to resume his former employment should be so desire.

18. The Defence (Re-establishment) Act provides that periods of annual Naval service and periods of service while called out do not break the continuity of civilian employment for the purposes of calculating annual leave, sick leave, long service leave, superannuation or pension.

19. This Act also provides that the employer is not liable to pay the member during his absence on Naval service.

### E. NAVAL SERVICE

#### Annual Naval Service

20. The annual period of Naval service (*See Paragraph 16 b.*) is to be used to maintain Naval trades and skills and to provide training in new techniques and equipments when this is considered necessary.

21. Service will normally be carried out in ships of the Fleet where members will perform 'on-the-job' tasks. Should refresher courses or specialised training be necessary these will be arranged by the Director of Naval Reserves. To enable members to make the most of the limited time available, extraneous duties not directly concerned with their skills are kept to a minimum.

#### Additional Service

22. In addition to annual Naval service, members may volunteer for additional periods of service. Acceptance will depend on Service requirements.

#### Voluntary Continuous Full Time Naval Service

23. A member of the Royal Australian Naval Emergency Reserve Forces may, at any time, voluntarily undertake to render continuous full time Naval service. Acceptance will depend on PNF vacancies available at the time and the members medical fitness.

24. In the case of sailors, the initial period of voluntary service is normally a minimum of 12 months. A sailor may volunteer to serve for a further period subject to the requirements of the Service.

25. In the case of officers, the initial period varies according to the requirements of the Service, up to a maximum of four years.

26. If a voluntary undertaking by a member to render continuous full time service is accepted by the Naval Board, the member is bound to render the period of service for which he volunteered and was accepted.

27. Pay and allowances will be at the prescribed rates for rank and are subject to tax. Bounty will not be payable during continuous full time Naval service.

#### Part Time Naval Service

28. The Director of Naval Reserves may authorise a member to perform part time Naval service at Reserve Training Establishments (when this is certified necessary by

the Captain of that establishment) for instructional, maintenance or administrative duty with the Royal Australian Naval Reserve. In such circumstances the following provisions apply:

- a. payment, at on promotion rates, may be made up to a maximum of 162 hours in any RANR training year;
- b. subject to the limitation contained in NRR & I Article 108 (3)(b) members, may also complete and receive payment for a further 90 hours;
- c. part time service cannot be counted towards the members annual service obligation.

#### Call Out for Continuous Full Time Naval Service

29. All or any specified part of the RANER may be called out for continuous full time service with the PNF by notice in the Gazette when the Governor-General considers it desirable to do so.

30. A member called out for continuous service is liable for service for a period not exceeding 12 months from the date of call out as directed by the Naval Board. However, in the event of a proclamation of war or defence emergency, a member remains bound to serve until released.

31. A member may be called out on any number of occasions, but after each period for which he serves while called out, he is not (except in time of war or time of defence emergency) liable to be again called out until a period has elapsed that is equal to the period for which he served while called out.

32. The Naval Board will be responsible for the posting of members of the Emergency Reserve under these circumstances and members may be posted to any ship or establishment.

#### Method of Call Out

33. Every effort will be made to give members as much notice of call out as possible; however, short notice may have to be accepted. General notification may be made by press, radio and television. Personal notification in writing will also be made.

34. The notice of call out will be deemed to have been served on the member if it is given to the member personally, or is sent to him by registered or certified mail, addressed to the last known address of the member. Under the Defence Act a member who fails to report within seven days of the date ordered is deemed to be a deserter and is liable to be tried and punished accordingly.

35. Members called out for continuous service are to report:

- a. in uniform;
- b. ready for duty; and
- c. on the date and at the time and place designated in the notification of call out.

#### Arrangements for Annual Naval Service

36. Arrangements for members to undergo annual Naval service will be made by the Director of Naval Reserves.

37. During the year members will be informed of a time and place to report for Naval service; as much notice as possible will be given. Where necessary, travel warrants will be provided.

## F. MEDICAL

38. A member volunteering for continuous full time service is to be medically examined and Form AF Med 1 completed, the card copy of which is to be immediately forwarded to the Medical Director-General. A medical examination reported on AF Med 1 during the preceding six months is acceptable and the examination need not be repeated. He is to be given the vaccinations and immunisations required by a member of the PNF and, if held by him, his International Certificate of Vaccination updated. Otherwise a new certificate is to be issued. A member reporting for annual Naval service is to be medically examined or inspected to ensure fitness for such service. Should a medical officer not be borne, however, a notation should be made on Form AS 206 or Form ER 4 (Notification of Service Performed), eg, not medically examined—no medical officer borne. A medical examination is to be made every three years and recorded on Form AF Med 1. If an examination has been made during the preceding two years then a medical inspection recorded on Form AM 209Z is sufficient. The purpose of the inspection is to discover any illness of recent onset, particularly communicable disease, and to question the member as to any disability that may have arisen since his last period of Naval service.

39. If a members medical fitness is in doubt he is to be medically surveyed immediately, if this is possible, and the finding forwarded to Navy Office by signal.

40. A member found medically unfit for immediate service is to be discharged to shore forthwith and Navy Office informed by signal.

41. A member requiring treatment to restore him to the required standard of fitness is to undergo remedial treatment at his own expense. He is responsible for providing, within one month, doctors or dentists certificates to the effect that the necessary treatment has been satisfactorily completed. If this is not done the member will be discharged from the RANER.

42. Medical treatment and urgent dental treatment may be provided for members during periods of Naval service.

#### Compensation for Injury or Illness

43. Injury or illness occurring during, or as a result of, Naval service will entitle the member to claim compensation under the Commonwealth Employees' Compensation Act or such other comparable Act which may be applicable, eg, Repatriation Act.

## G. FINANCIAL

#### Annual Bounty

44. Subject to the following paragraphs, a member of the RANER whose efficiency is satisfactory, and who completes his annual 13 consecutive days training obligation, may be eligible for payment of a bounty on each anniversary of his entry into the Force, at the following rates:

- |  |       |
|--|-------|
| a. After completion of one years service . . . . .               | \$200 |
| b. After completion of two years service . . . . .               | \$250 |
| c. After completion of three years service . . . . .             | \$300 |
| d. After completion of four years service . . . . .              | \$350 |
| e. After completion of each subsequent year of service . . . . . | \$350 |

45. A member who, for acceptable reasons (eg, sickness, hospitalisation, compassionate reasons) does not commence, or fails to complete the period of annual continuous training once commenced, may be permitted to undertake 13 consecutive days training on a second occasion in the same year in order to qualify for the annual bounty.

46. A member who has yet to complete his training obligations for his current years service, and is called out or volunteers for full time continuous service and serves continuously for a period equal to, or exceeding, the uncompleted training is not required to undergo further training to qualify for the annual bounty.

47. A period for which a member is called out for, or voluntarily carries out, continuous full time duty may be counted as qualifying training but is to be excluded when assessing the amount of bounty payable. For this purpose, the bounty otherwise payable for that particular year of service is to be reduced on a pro-rata daily basis for the period of full time duty involved, eg, if a member performs three months full time duty his bounty is reduced by one quarter.

48. Where a member's service in the RANER is terminated for medical reasons, or in the case of a married member, by death, and the medical disability or death is attributable to such service, the member will be regarded as having completed the particular year of service for bounty purposes, but the bounty may be reduced on the same basis as indicated in Paragraph 47 if he had performed any full time duty in that year.

49. Where a member:

- a. re-enlists for full time service in the PNF; or
- b. is discharged for medical reasons or in the case of a married member, dies, and such disability or death is not attributable to the members service and did not arise during a period of absence without leave or more than 21 days,

a bounty is payable calculated on a pro-rata daily basis for the service completed in that particular year.

50. The annual bounty is not payable for the year of a members service in which he is discharged for disciplinary or administrative reasons. *See* Paragraph 58.

51. Where a member is discharged at his own request there is, at present, no provision for the payment of a pro-rata bounty, but the matter is under consideration and further advice will be issued when the question is resolved.

52. Where a member is granted leave of absence and proceeds overseas, he may, if he has completed his annual training obligations for that particular year, be paid a bounty on a pro-rata daily basis for that year, excluding the period for which he is on leave.

53. The following explanations are provided in respect of the preceding paragraphs:

- a. A medical disability or death is 'attributable to service' if:
  - (1) the Commonwealth Employees' Compensation Act makes provision for the payment of compensation; or
  - (2) the Repatriation Act, the Repatriation (Far East Strategic Reserve) Act, or the Repatriation (Special Overseas Service) Act makes provision for the payment of a pension.
- b. 'Married Member' has the meaning as defined in regulation 4 of the Naval Financial Regulations.

#### Call Out Gratuity

54. A member of the RANER who commences to render continuous full time service, by reason of that Force or part of that Force having been called out under Section 32 of the Naval Defence Act, shall be paid a gratuity of \$110 on each occasion of call out.

#### Voluntary Continuous Full Time Service—Gratuity

55. A member of the Emergency Reserve Forces who volunteers for full time continuous service of not less than 12 months or more is entitled to an annual gratuity of \$100, in the case of officers, and \$40 in the case of sailors and on a pro-rata basis for any incomplete year beyond 12 months.

#### Pay and Allowances

56. The following will apply in respect of pay and allowances with the exception of separation allowance. Pay and allowances at Sub-paragraphs a. to d. (1) below are payable through cash accounts of HMA ships:

##### a. Pay

A member is to be paid in accordance with the prescribed scale, namely 'on promotion' rates during periods of annual Naval service, and as if he were a member of the PNF during continuous full time service.

b. *Uniform Allowance* will not be paid as clothing is normally replaced at public expense. During extended periods of full time service, uniform allowance will be paid under PNF conditions, and kit will not be replaced gratuitously.

c. *Marriage and Separation Allowances* are payable under normal Citizen Force conditions stated in NRR & I (relevant item attached at Annex B) during the periods of annual Naval service, and as if he were a member of the PNF during continuous full time service. Payment of separation allowance will be arranged by the Director of Naval Reserves on receipt of Form AS 542 from the member, as indicated in Paragraph 64.

##### d. Other Allowances

(1) Those prescribed in NRR & I (relative item attached at Annex B) are payable to members of the RANER while carrying out annual Naval service. Diving pay is payable at the rates prescribed in NPI 117.

(2) Payment of Travelling Allowance will be arranged by the Director of Naval Reserves on receipt of Form AS 542 from the member, as indicated in Paragraph 64.

(3) Good conduct badge pay is not payable during annual Naval service.

(4) During periods of continuous full time Naval service all allowances are payable in accordance with NPI.

##### e. Taxation

No charges are to be made for taxation purposes during annual Naval service. During periods of continuous full time service taxation is to be charged under normal rules applicable to members of PNF.

## H. DISCHARGE

57. A member may resign or claim his discharge prior to the completion of an engagement by giving three months notice in writing to the Director of Naval Reserves. Discharge may not be claimed when:

- a. called out for, or during, continuous Naval service in circumstances short of war or defence emergency;
- b. called out for, or during, continuous Naval service when a time of war or defence emergency has been proclaimed; or
- c. rendering full time Naval service in the PNF for an agreed period in accordance with Paragraphs 23 to 26.

58. Discharge may be effected for the following personal and administrative reasons:

- a. *Medical Re-classification*  
Medical re-classification to below the acceptable standard.
- b. *Non-availability*  
A change in domestic circumstances, employment, etc, which prevents a reservist rendering continuous full time Naval service when required.
- c. *Failure to Render Efficient Service*  
Any member who fails to maintain a satisfactory standard of efficiency commensurate with his rank during a period of Naval service may be discharged as unsuitable.

## I. ADMINISTRATIVE ASPECTS

### Certificate of Service

59. A sailor's Certificate of Service is retained by the member and on each occasion of reporting for service he is required to bring it with him. Pages 2 and 4 are to be completed and the certificate returned to the sailor on his last day of service. Next-of-kin details should be checked and updated.

### International Certificates of Vaccination

60. A member holding an International Certificate of Vaccination should bring it with him for inspection by the Medical Officer.

### Medical History Documents

61. Medical history documents are held by the Medical Director-General. On each occasion of being posted for annual Naval service MDG will forward the members MHDs to the ship concerned. On completion of such training these documents are to be returned to MDG.

### Pay and Allowances

62. During periods of Naval service of 28 days or less a finance authority will be issued by the Director of Naval Reserves. This will be promulgated in the 'Remarks' column of the appropriate Posting Note in the case of sailors, and by letter in the case of officers.

63. HMA ships and establishments are to make payment to a member of:

- a. active pay at the 'on promotion' rate;
- b. Marriage Allowance if eligible; and
- c. other allowances as in Paragraph 56 d. (1),

only in respect of the actual number of days service in the ship or establishment.

64. Because entitlements to Separation Allowance is related to the actual number of days that the member is absent from his home, and this in turn depends upon the travel arrangements made in Navy Office, payment of this allowance, if appropriate, will be arranged by the Director of Naval Reserves together with any moneys due in respect of travel (including any additional pay entitlement) on receipt of Form AS 542 from the member.

### Travel and Discharge

65. Travel warrants and joining instructions will be issued to members by the Director of Naval Reserves.

66. In cases where approval is given to a member to use private transport no risk will be accepted by the Commonwealth in respect of any damage to the vehicle being used for such purpose.

67. It is important to ensure that members borne for annual Naval service are not discharged before the last day of such service. Those required to travel long distances may be discharged on the last day as necessary to meet travel arrangements; other members should not be discharged before noon on that day.

68. Failure to complete the full 13 days service may result in a member forfeiting his annual bounty.

### Reports

69. The following forms are to be forwarded to the Director of Naval Reserves as early as practicable on completion of annual Naval service:

- a. ER 4 (Notification of training performed);
- b. AS 537; and
- c. AS 22 (certified copy).

### Removals and Married Quarters

70. Except when serving voluntarily for periods of 12 months or more, members of the RANER are not entitled to removals at public expense or to occupy married quarters.

### Pay and Personal Numbers

71. Pay and personal numbers will be issued by the Director of Naval Reserves. Members will retain these numbers during their service in the RANER.

### Identity Cards

72. When issue of uniform kit is being made, a member is to be given a Naval Identity Card. This card is to be defaced with the letters 'RANER' written in red ink or biro diagonally across the card. A photograph is desirable but not essential at this stage.

### Leave

73. During periods of continuous full time service in excess of one month members may be granted seasonal leave on the same scales as apply to the Permanent Naval Forces.

### Uniform Kit

74. The authorised kits of members are listed in Annex A to this order as follows:

- a. Scale 1—Officers;
- b. Scale 2—Class I and III sailors;
- c. Scale 3—Class II sailors.



75. Each scale is sub-divided into three sections as follows:

- a. basic kit of members on transfer or enlistment;
- b. additional items required for service in tropical areas; and
- c. additional items required for continuous service in excess of three months duration.

76. When officers and sailors are informed by the Director of Naval Reserves that applications for entry have been accepted the following instructions will be given:

- a. Members living within reasonable distances of a Naval establishment (eg, 35 miles) are to contact the Supply Officer of that establishment as soon as possible, in order to arrange a date for the issue or replacement of uniform kit. Details of uniform measurements should be communicated at this time.
- b. Members living in country areas are to carry out the procedure as in a. above, if this is practicable. Otherwise, the procedure in c. below is to be followed.
- c. Members who have not been kitted up prior to the first period of annual Naval service will be posted, where possible, to an establishment where facilities exist for kit issues.

77. The initial issue of uniform is to be regulated as follows:

- a. Officers transferring from, and sailors enlisting from the Permanent Naval Forces are expected to be in possession of the full authorised kit. Items of uniform kit are to be inspected when the member initially reports as in Paragraph 76 above. Subject to the discretion of the Captain that replacements were not necessary before the members transfer or enlistment, issues and/or replacements may be made. Such issues/replacements are to be restricted to the items included in the appropriate basic kit as in Paragraph 75 a.
- b. Members transferring or enlisting from the Royal Australian Naval Reserve should have items of kit verified from Form AS 79 (Clothing Issue Record). Issues and/or replacements may be made up to the level of the appropriate basic kit as in Paragraph 75 a.
- c. Members other than in a. or b. above may be issued with the basic kit as in Paragraph 75 a.

78. When members report for the first period of annual Naval service additional items of authorised kit as in Paragraph 75 b. are to be issued or replaced when certified by the Captain as being required for wear during periods of service.

79. Additional items of kit as in paragraph 75 c. above are to be issued or replaced, if unserviceable, immediately prior to a member commencing service of more than three months duration.

80. Members commencing service of more than 13 days but less than three months duration may be issued with such additional items (not exceeding the quantities as in Paragraph 75 c. above) as are considered essential by the Captain. The period of such service, the duties on which the member will be employed and the locality in which he will serve are to be taken into consideration.

81. During periods of annual Naval service or continuous full time Naval service of up to three months duration, unserviceable clothing will be replaced at public expense. During periods of continuous full time Naval service of more than three months duration uniform allowance will be paid. See Paragraph 56 b.

82. Initial issues in accordance with Paragraph 77 are to be recorded on Forms AS 79K, 79M or 79N. The second copy of the relevant form is to be forwarded to the Director of Victualling at the end of the month during which the transaction occurred. In the case of members transferring from or enlisting from the Permanent Naval Forces the second copy is to show:

- a. issues made to complete the kit to the basic scale; and
- b. details of serviceable items in the possession of the member.

In the case of members transferring from or enlisting from the Royal Australian Naval Reserve the Clothing Issue Record is to be attached to the second copy of the relevant form.

83. The completion of Form AS 79 is to be recorded on Page 1 of the Certificate of Service.

84. All subsequent issues and/or replacements are to be recorded on Forms AS 149, copies of which are to be forwarded to the Director of Victualling in accordance with ABR 93, Article 3508 (2). Forms AS 149 are not to include details of issues made to other than Reserve personnel.

85. When members are posted for annual Naval service the Director of Victualling will forward an up-to-date copy of the relevant Form AS 79 to the appropriate ship or establishment. Kits should be inspected, as convenient after joining, and checked against the copy of Form AS 79; this copy may be destroyed after use.

86. Members carrying out continuous full time Naval service of more than three months duration are to be issued with bedding and loan clothing in accordance with the provisions prescribed for the Permanent Naval Forces in ABR 93. In addition, such members are to be issued on temporary loan, with three in number sheets, two in number pillow covers and one in number kit bag.

87. Since members of the Emergency Reserve are not issued with kit bags as items of basic kit, it may be necessary, from time to time, to instruct Naval establishments to issue on temporary loan such items when mobilisation exercises are carried out. At the same time three in number sheets and two in number pillow cases are to be issued on the same basis.

## ANNEX A

### Uniform Kits

#### 1. SCALE 1—OFFICERS

##### a. Basic Kit on Transfer

Badge, cap, officer	..	..	..	..	..	No 1
Boot, mans, black, light	..	..	..	..	..	Pr 1
Cap, service, peaked, detachable plastic top	..	..	..	..	..	No 1
Coat, mans, drill white, officer (one w/buttons)	..	..	..	..	..	No 2
Coat, mans, undress, officer, cloth, wool, serge	No 2	..	..	..	..	No 1
Coat, mans, undress, officer, cloth, venetian	No 1	..	..	..	..	No 1
Collar, shirt, semi-stiff, fused or stiff	..	..	..	..	..	No 6
Cummerbund, mans	..	..	..	..	..	No 1
Necktie, black, daywear	..	..	..	..	..	No 1
Necktie, black, evening	..	..	..	..	..	No 1

## ANNEX A—continued

Raincoat, mans, officer .. .. .	No 1
Shirt, mans, action working .. .. .	No 2
Shirt, mans, poplin, white, double cuff .. .. .	No 2
Shoe, dress, canvas, white .. .. .	Pr 1
Shoulder straps .. .. .	Pr 1
Socks, mens, black .. .. .	Pr 3
Socks, mens, white .. .. .	Pr 3
Trousers, mens, action working .. .. .	Pr 2
Trousers, mens, drill, white, officer .. .. .	Pr 2
Trousers, mens, cloth, wool, serge No 2 .. .. .	Pr 1
Trousers, mens, cloth, wool, venetian No 1 .. .. .	Pr 1
Shoulder flashes, AUSTRALIA .. .. .	As necessary

## b. Additional Items required for Service in Tropical Areas

Shirt, mens, white, tropical .. .. .	No 2
Shorts, mens, white tropical .. .. .	Pr 2
Stockings, mens, white .. .. .	Pr 2

## c. Additional Items required for Continuous Full Time Service in Excess of Three Months

Badge, cap, officer .. .. .	No 1
Boot, mans, black, light, or ) .. .. .	Pr 1
Shoe, dress, leather, black ) .. .. .	
Braces, mens .. .. .	Pr 1
Brush, clothes .. .. .	No 1
Brush, shoe, blacking .. .. .	No 1
Brush, shoe, polishing .. .. .	No 1
Cap, service, peaked, detachable plastic top .. .. .	No 1
Collar, shirt, semi-stiff, fused or stiff .. .. .	No 6
Comb, hair .. .. .	No 1
Drawers, mens, poplin .. .. .	Pr 2
Hairbrush .. .. .	No 1
Necktie, black, daywear .. .. .	No 1
Pyjamas, mens .. .. .	Pr 2
Shirt, mans, poplin, white, double cuff .. .. .	No 2
Toothbrush .. .. .	No 1
Towel, bath, blue, 48 in x 24 in .. .. .	No 2
Undershirt, mans, cotton .. .. .	No 3
Coverall, safety, industrial, white (only to Engineer, Shipwright and Electrical Officers) .. .. .	No 2

## ANNEX A—continued

## 2. SCALE 2—SAILOR I AND III

## a. Basic Kit on Enlistment

Badges and shoulder flashes, AUSTRALIA .. .. .	As necessary
Badge, cap .. .. .	No 1
Bag, kit, small, blue, drill .. .. .	No 1
Boot, mans, black, heavy .. .. .	Pr 1
Cap, service, peaked, white, detachable plastic top .. .. .	No 1
Coat, mans, cloth, wool, serge No 2 .. .. .	No 2
Collar, shirt, stiff or semi-stiff, fused .. .. .	No 2
Necktie, black, polyester, daywear .. .. .	No 1
Raincoat, mans, sailor .. .. .	No 1
Shirt, mans, action working, cotton twill, blue .. .. .	No 2
Shirt, mans, poplin, white, double cuff .. .. .	No 2
Socks, mens, woollen, lightweight, black .. .. .	Pr 2
Sweater, mans, blue, sleeveless, v-neck .. .. .	No 1
Trousers, mens, action working .. .. .	Pr 2
Trousers, mens, cloth, wool serge No 2, Class I and III .. .. .	Pr 2
Type, metal, name .. .. .	No 1

*Note*—Only one shirt, action working and one pair trousers, action working, for Artisans, Air Maintenance sailors, Engine Room sailors, Electrical Branch sailors, Ordnance Artificers, Naval Shipwrights, Cooks, Sick Berth Attendants, Dental Mechanics and Dental Assistants.

## b. Additional Items for Sailors Indicated

(1) <i>Air Maintenance</i>	
Cap, utility, blue, working .. .. .	No 1
Coveralls, safety, industrial, blue .. .. .	No 2
Shoe, mans, gymnasium, white .. .. .	Pr 1
(2) <i>Artisans, Electrical Branch, Ordnance Artificers, Naval Shipwrights and Dental Mechanics</i>	
Coveralls, safety, industrial, blue .. .. .	No 2
(3) <i>Engine Room</i>	
Boot, mans, black, heavy .. .. .	Pr 1
Cap, utility, blue, working .. .. .	No 1
Coveralls, safety, industrial, blue .. .. .	No 2
(4) <i>Cooks</i>	
Boots, mans, cook .. .. .	Pr 1
Shirt, cricket .. .. .	No 2
Trousers, mens, drill, white, Class I and III .. .. .	Pr 2
(5) <i>Sick Berth Assistants and Dental Mechanics</i>	
Shirt, cricket .. .. .	No 2
Trousers, mens, drill, white, Class I and III .. .. .	Pr 2

## ANNEX A—continued

## c. Additional Items required for Service in Tropical Areas

Badges and shoulder flashes, AUSTRALIA .. .. .	As necessary
Shirts, mens, white, tropical (one with button) .. .. .	No 2
Shorts, mens, blue .. .. .	Pr 2
Shorts, mens, tropical, white .. .. .	Pr 2
Stockings, mens, blue .. .. .	Pr 2
Stockings, mens, white, CPOs confirmed .. .. .	Pr 1
Shoes, dress, canvas, white, POs only .. .. .	Pr 1

## d. Additional Items required for Continuous Full Time Service in Excess of Three Months

Badges and shoulder flashes, AUSTRALIA .. .. .	As necessary
Badge, cap .. .. .	No 1
Braces, mens .. .. .	Pr 1
Boots, mens, black, light, or } .. .. .	Pr 1
Shoe, dress, leather, black }	
Brush, clothes .. .. .	No 1
Brush, shoe, blacking .. .. .	No 1
Brush, shoe, polishing .. .. .	No 1
Cap, service, peaked, white, detachable plastic top .. .. .	No 1
Coat, mens, drill, white (one with buttons) .. .. .	No 2
Collar, shirt, stiff or semi-stiff, fused .. .. .	No 8
Comb, hair .. .. .	No 1
Drawers, mens, poplin .. .. .	Pr 2
Hairbrush .. .. .	No 1
Jacket, cloth, cotton twill, working dress .. .. .	No 1
Necktie, black, daywear .. .. .	No 1
Pyjamas, mens .. .. .	Pr 2
Sewing kit, filled .. .. .	No 1
Shirt, mens, action working .. .. .	No 1
Shirt, mens, poplin, white .. .. .	No 2
Socks, mens, black .. .. .	Pr 1
Toothbrush .. .. .	No 1
Towel, bath, blue, 48 in x 24 in .. .. .	No 2
Trousers, mens, action working .. .. .	Pr 1
Trousers, mens, drill, white .. .. .	Pr 2
Undershirt, mens, cotton .. .. .	No 3

## SCALE 3—SAILORS, CLASS II CLOTHING

## a. Basic Kit on Enlistment

Badges and shoulder flashes, AUSTRALIA .. .. .	As necessary
Bag, kit, small, blue, drill .. .. .	No 1
Boot, mens, black, heavy .. .. .	Pr 1
Cap, service, white, Class II, plastic top .. .. .	No 1

## ANNEX A—continued

Collar, seamans, blue .. .. .	No 1
Flannel, cotton, mens .. .. .	No 2
Jumper, mens, cloth, wool, serge No 1 .. .. .	No 2
Knife, clasp (seaman sailors only) .. .. .	No 1
Lanyard, knife .. .. .	No 2
Raincoat, mens, sailor .. .. .	No 1
Ribbon, service, cap, metal thread, RANER .. .. .	No 2
Scarf, neckwear, black .. .. .	No 1
Shirt, mens, action working, cotton twill, blue .. .. .	No 2
Socks, mens, woollen, lightweight, black .. .. .	Pr 2
Sweater, mens, blue .. .. .	No 1
Trousers, mens, action working .. .. .	Pr 2
Trousers, mens, cloth, wool, serge No 1, Class II .. .. .	Pr 2
Type, metal, name .. .. .	No 1

Note—Only one shirt, action working, and one pair trousers, action working, for Air Maintenance, Engine Room sailors, Electrical Branch sailors, Ordnance Artificers, Naval Shipwrights, Cooks, Sick Berth Attendants, Dental Mechanics and Dental Assistants.

## b. Additional Items for Sailors Indicated

## (1) Air Maintenance

Cap, utility, blue, working .. .. .	No 1
Coveralls, safety, industrial, blue .. .. .	No 2
Shoe, mens, gymnasium, white .. .. .	Pr 1

## (2) Artisans, Electrical Branch, Ordnance Artificers, Naval Shipwrights and Dental Mechanics

Coveralls, safety, industrial, blue .. .. .	No 2
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## (3) Cooks

Boot, mens, cook .. .. .	Pr 1
Trousers, mens, drill, white, Class I and III .. .. .	Pr 2
Undershirt, mens, cotton, Style 1 .. .. .	No 2

## (4) Engine Room

Boot, mens, black, heavy .. .. .	Pr 1
Cap, utility, blue, working .. .. .	No 1
Coveralls, safety, industrial, blue .. .. .	No 2

## (5) Sick Berth Attendants and Dental Assistants

Shirt, cricket .. .. .	No 2
Trousers, mens, drill, white, Class I and III .. .. .	Pr 2

## c. Additional Items required for Service in Tropical Areas

Shorts, mens, blue .. .. .	Pr 2
Shorts, mens, white, tropical .. .. .	Pr 2
Stockings, mens, blue .. .. .	Pr 2

## ANNEX A—continued

## d. Additional Items required for Continuous Full Time Service in Excess of Three Months

Badges and shoulder flashes, AUSTRALIA .. .. .	As necessary
Brush, clothes .. .. .	No 1
Brush, shoe, blacking .. .. .	No 1
Brush, shoe, polishing .. .. .	No 1
Cap, service, white, Class II .. .. .	No 1
Collar, seamans, blue .. .. .	No 2
Comb, hair .. .. .	No 1
Drawers, mens, poplin .. .. .	Pr 2
Flannel, cotton, mans .. .. .	No 2
Hairbrush .. .. .	No 1
Jacket, cloth, cotton twill, working dress .. .. .	No 1
Jumpers, mans, drill, white .. .. .	No 2
Pyjamas, mens .. .. .	Pr 2
Scarf, neckwear, black .. .. .	No 1
Sewing kit, filled .. .. .	No 1
Shirt, mans, action working .. .. .	No 1
Shoes, dress, leather, black, or } .. .. .	Pr 1
Boot, mans, black }	
Toothbrush .. .. .	No 1
Towel, bath, blue .. .. .	No 2
Trousers, mens, action working .. .. .	Pr 1
Trousers, mens, drill, white .. .. .	Pr 2
Undershirt, mans, cotton, Style I (Cook category only) .. .. .	No 3

## ANNEX B

## RELEVANT ARTICLES FROM NAVAL RESERVE REGULATIONS AND INSTRUCTIONS

## Article 242—Additions to Pay

1. A member of the Royal Australian Naval Reserve shall during periods of training, courses or service be paid the following allowances where applicable to a corresponding member of the Permanent Naval Forces:

- a. Command Money;
- b. Submarine pay;
- c. Hard lying money;
- d. Tropical allowances; and
- e. Strategic Reserve Allowance.

## Article 245—Marriage Allowance and Separation Allowance or Provision Allowance During Continuous Training Courses or Service

1. Marriage allowance at the rate and subject to the conditions applicable to a member of the Permanent Naval Forces may be paid to a married member undergoing a period of continuous training service or courses of not less than four days

duration, except that no allotment is necessary unless a member is borne on a ships book for pay or is undergoing training or courses for a period exceeding 28 days. Marriage Allowance under this Article is only payable when training schools and courses are full time and continuous and involve absence from home over the period of such training school course. Where a member is able to proceed home each evening during a course marriage allowance will not be payable.

2. Provision Allowance at the rate and subject to the conditions applicable to a member of the Permanent Naval Forces may be paid to a married member undergoing a period of continuous training, service or courses.

3. Separation Allowance shall only be payable to a member of the Citizen Naval Forces in respect of a period of continuous training where the period comprising the period of continuous training and the periods necessarily spent by the member in travelling from his usual place of residence to the place of continuous training in returning from that place of continuous training to his usual place of residence, is not less than ten days and includes not less than two Saturdays and two Sundays.

(D of R 302/51/57)

It is noted that reference is made to various provisions of the Act which relate to the powers of the Commission in relation to the investigation of the affairs of the Commission and the powers of the Commission in relation to the investigation of the affairs of the Commission.

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CHAPTER 1

1. The Commission shall have the powers and functions conferred on it by this Act and shall exercise those powers and functions in accordance with the provisions of this Act.

- (a) to investigate the affairs of the Commission;
- (b) to inquire into the conduct of the members of the Commission;
- (c) to inquire into the conduct of the officers and employees of the Commission;
- (d) to inquire into the conduct of the members of the public who are concerned in the affairs of the Commission;
- (e) to inquire into the conduct of the members of the public who are concerned in the affairs of the Commission;

2. The Commission shall have the powers and functions conferred on it by this Act and shall exercise those powers and functions in accordance with the provisions of this Act.

3. The Commission shall have the powers and functions conferred on it by this Act and shall exercise those powers and functions in accordance with the provisions of this Act.

ANO 78/68



# AUSTRALIAN NAVY ORDER

Navy Office, Canberra,  
27 February 1968.

The enclosed order is promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*A. Handau*

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers in  
Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY

## Section 4

## EQUIPMENT, STORES AND SERVICING

UNCLASSIFIED

## 78—Naval Stores and Spare Gear Arrangements in HMA Ships—Introduction of Supply Operations Assistance Programme (SOAP) and Selected Item Management (SIM) Procedures

1. The volume and complexity of supply operations in the RAN is increasing with the adoption of modern weapons and techniques and new equipments and stores back up are continually being added. Due to limited accommodation being available it is not possible to increase the Stores staff in HMA ships to the same extent which it is possible in shore establishments to cope with the problems of handling these additional stores and dealing with associated accounting procedures.

2. The Naval Board is aware of these difficulties and has decided to introduce new procedures designed to reduce the workload on Stores staff and improve efficiency in HMA ships. A new system of control of stores required to be carried on board will operate in ships. The new system is known as Supply Operations Assistance Programme (Short title SOAP).

3. Concurrently with the introduction of SOAP a technique of stock review and replenishment in HMA ships known as Selected Item Management (Short title SIM) will also come into operation.

## SOAP

4. The prime object of the SOAP system is to improve the material readiness of HMA ships by ensuring that they carry the required level of repair/replacement parts in support of equipments fitted on board.

5. To achieve this, special shore based teams comprising various technical and stores sailors under the direction of a Supply Officer (responsible to FOCAF) will overhaul naval and air store and spare gear supply operations, with the assistance of ships staff, in selected HMA ships.

6. The overhaul will comprise many separate but related functions designed to place the ships store arrangements on a sound footing and will be carried out normally during the main refit period, ie every two to two and a half years.

7. SOAP evolutions will be carried out at HMA Naval Dockyards, Garden Island and Williamstown and a separate SOAP team will be based on each dockyard.

8. During each SOAP the following functions will be performed by the team:

- a. A physical examination of the stock and store rooms will be made during which:
  - (1) where there is reason for doubt, the identification of items will be checked for correctness;
  - (2) stock will be mustered;
  - (3) items will be surveyed if necessary;
  - (4) preservation, packaging, etc will be inspected and, if necessary, made good; and
  - (5) stowages will be adjusted as necessary.

b. Concurrently with the physical examination of the stock and store rooms, stores accounts will be examined as follows:

- (1) the stock ledgers (except spares for electronic equipments) will be reviewed with the object of returning obvious excesses and demanding replenishments where considered necessary. In this regard, recent variations in the Lists of Equipment, etc will be taken into consideration and ships officers will be consulted as necessary.
- (2) the allowances of spares for fitted electronic equipments will be reviewed based on the actual equipments fitted and action taken to adjust stock holdings as necessary.

9. The principal advantages of SOAP are:

- a. fitted equipments will have proper stores support;
- b. redundant stocks will not be carried thus saving space and weight;
- c. ships stores records will be up to date; and
- d. storewise, the ship will be placed on an efficient footing.

10. The ships Supply Officer will retain full responsibility for stores during the SOAP operation. The following procedures broadly will apply:

- a. On entering dockyard hands for refit all stores involved will be landed to a specially allocated store room space and isolated.
- b. EDP print-outs of Consolidated List of Maintenance Spares (COLMS) will be issued for all operational equipments fitted such as radar, radio, sonar, etc and these (the COLMS) will form the basis for review of the stores involved.
- c. Similar allowance lists for other stores (consumable spare gear, etc) will also be produced.
- d. The special SOAP team will then 'purify' the stores, update records, return redundant stores and arrange for the ships to be restored.

## SIM

11. Selected Item Management (SIM) is a method by which frequent, close and continuing attention is paid to items which experience shows are most likely to be required for issue, while a lesser degree of attention is given to those items less likely to be required.

12. SIM will be introduced into all new ships and ships recommissioning from reserve on commissioning; in the case of ships in commission it will be introduced during the first SOAP.

## General

13. New chapters, which will be incorporated in ABR 4 detailing the procedures to be followed under the SOAP and SIM systems, are set out in the annexes. It is to be noted that initially only the following categories of stores are involved:

- a. SOAP .. Naval and Air Stores and Spare Gear in HMA Ships.
- b. SIM .. Naval and Air Stores and Spare Gear under the control of the Supply Officer in HMA Ships.

## ANNEX A

## ABR 4—New Chapter 38

## CHAPTER 38

## Supply Operations Assistance Programme

## 3801

1. The Supply Operations Assistance Programme (Short title SOAP) is designed to ensure that a ship leaving dockyard hands on completion of a long refit is on an efficient footing in that it carries the naval and air stores and spare gear necessary for its role, unnecessary and surplus stores are not held, and that the supporting stores records are up-to-date. SOAP does not apply to medical and dental stores.

2. SOAP will normally be carried out during long refit periods (approximately two yearly intervals), by a SOAP team under FOCAF's Administration comprising a Supply Officer, stores and Technical Sailors, assisted by ships stores staff. Inspectors (Stores) are also allocated to assist and advise as necessary. SOAP comprises:

- a. planning (3802);
- b. destoring (as necessary) (3804);
- c. ensuring that ledger postings are to-to-date (3805);
- d. review of Stockholdings (3806);
- e. physical inspection of stores for correct identification (including recatalogued items), serviceability, preservation (3807);
- f. stocktaking (3807);
- g. preparation of demands to replenish to new or revised stock levels (3808);
- h. return of surplus stores (3809);
- i. restoring on board (3810);
- j. revision of existing key list and stocktaking record or provision of new stocktaking/stowage location pages (3811); and
- k. re-arrangement of Ledgers (3812).

The detailed procedures are set out in the following articles.

## 3802

1. **Planning.** The OIC SOAP team is to visit the ship well in advance of the SOAP operation to assess, in conjunction with the ships Store Accounting Officers, optimum stowage requirements. Any proposals for alterations or repairs should be put forward by the ship in the usual manner, ie by A and A or defect action. This visit should be arranged in sufficient time for such action to be processed.

2. On arrival of the ship for refit, the OIC SOAP team and the Store Accounting Officers are to inspect all storerooms and decide action to be taken regarding each storeroom. This may be:

- a. destore completely;
- b. partially destore and muster and inspect remainder on board; or
- c. muster, inspect and re-stow.

Normally it would be expected that after a period of two to two and a half years operations, complete destoring would be necessary.

## ANNEX A—continued

## 3803

**Responsibility.** The ships Store Accounting Officers are to retain full responsibility for the stores, whether they are on board or temporarily ashore. It will therefore be necessary for at least one member of each Store Accounting Officers staff to be present at all times as their representatives.

## 3804

1. **Destoring.** The ship is to be destored progressively and items laid out ashore for examination and muster.

2. The storerooms are to be examined immediately they are emptied and arrangements made with ships officers for the storerooms to be cleaned and prepared for restowage. Any minor alterations and repairs which can be carried out during the refit should be arranged with ship or dockyard officers.

## 3805

**Accuracy of Accounts.** Action is to be taken by ships staff to ensure that all accounting action is up to date prior to the commencement of SOAP.

## 3806

1. **Review of Stockholdings.** A complete review of stockholding levels of naval and air stores and spare gear is to be carried out as detailed in the following paragraphs.

2. The accuracy of the assessment so far as spares for technical equipments are concerned will depend on the reliability of the information in regard to equipment fitted. To this end, technical officers concerned are to ensure that their respective Lists of Equipment, etc are in agreement with equipments actually fitted.

3. **Maintenance Spares for Radio, Radar, etc Equipment** are to be reviewed as follows:

- a. The Electronic Data Processing Branch of Navy Office will produce, when so requested, Consolidated Lists of Maintenance Spares (COLMS) Parts I and II. Part I will list the equipments recorded as fitted in the ship undergoing the SOAP. Part II will record the maintenance spares and quantities allowed for the equipments shown in Part I.
- b. It will be the responsibility of the OIC SOAP acting on the advice of yard officers to inform EDP at least two weeks before these documents are required of the intended fitment state of equipments at the conclusion of the refit.
- c. The COLMS Part II is to be used by the SOAP team to calculate the outfit of maintenance spares to be carried by the ship in support of the technical equipments fitted. It is to be ensured that the reduction factors detailed in 0314 are applied.
- d. If at the conclusion of the refit the state of fitment is not as was intended it will be the responsibility of the OIC SOAP team to inform EDP of the differences. EDP will then produce:
  - (1) new COLMS Part I and Part II for the actual fitment; and
  - (2) a Redundancy Report showing items peculiar to an equipment not now fitted.
 Upon receipt of the above reports the SOAP team is to adjust the stockholdings of the ship to conform with the revised allowances.

e. The quantities calculated in accordance with c. above are to be endorsed in the appropriate blocks on the relevant ledger pages, new ledger pages being prepared for new items. Amendments necessary following the receipt of a revised COLMS Part II in accordance with d. above are to be recorded in the appropriate blocks on the relevant ledger pages.



## ANNEX A—continued

4. **Consumable Naval and Air Stores** other than Maintenance Spares referred to in Paragraph 3. The consumable store ledgers are to be reviewed and the quantities required to be carried to meet the approved storing period for the ship, in accordance with 0402, assessed on the basis of applicability, past usage and any other relevant factors. The assessed quantities are to be recorded in pencil (ringed) in the 'stock not to fall below' block of the relevant ledger pages. On completion of the SOAP these figures may be erased.

5. **Permanent Naval and Air Stores** other than Maintenance Spares referred to in Paragraph 3. The permanent store ledgers are to be checked against the approved allowances and any variations noted. The approved allowances are to be reviewed on the basis of applicability to equipments fitted, past usage, and any other relevant factors. The approved, or recommended revised allowances are to be recorded on the relevant ledger pages. Where it is considered that the approved allowance should be increased, Forms AS 130 are to be prepared and passed to the ships Supply Officer for normal action. Where it is considered that the quantity allowed is in excess of the actual requirements Navy Office is to be advised of the details together with a brief reason for their apparent redundancy.

6. **Spare Gear** is to be reviewed as follows:

- a. The approved allowances of spares as shown in the List of Equipment, etc are to be checked against the quantities shown as the 'Established Allowance' on the relevant ledger pages, the figures shown on the ledger pages being amended as necessary.
- b. The allowances are to be reviewed on the basis of applicability to current equipments fitted as per Lists of Equipment, etc, past usage and any other relevant factors.
- c. Where an increase in allowance is considered necessary, Forms AS 130 are to be prepared and passed to the ships Store Accounting Officer concerned for normal action. Where a decrease is recommended, details are to be reported to Navy Office with details of the reason for the recommendation.

## 3807

1. **Inspection of Stores.** Each item is to be examined to:

- a. verify its identification and relabel the item where necessary. It is to be ensured that items which have been recatalogued are correctly identified and labelled;
- b. check condition and state of preservation; and
- c. ascertain the total quantity held and insert the quantities in the Stocktaking record.

2. Items which are unserviceable are to be listed on Forms AS 331 S/W (signed by the ships Accounting Officer concerned), packed and returned to the appropriate Superintending Store Officer. The ships copies of the Forms AS 331 S/W are to be posted to the ledgers without delay.

3. Arrangements are to be made for items requiring represervation, or packaging to be dealt with using local facilities wherever possible. If local capacity cannot cope with any items they are to be dealt with in the same manner as unserviceable items (see Paragraph 2).

4. The quantities listed in the stocktaking record (see Paragraph 1 c. are to be checked against the ledger balances, discrepancies investigated, and Forms AS 148 (Inside) prepared, posted to the ledger and passed to the ships Store Accounting Officer concerned for further action.

## ANNEX A—continued

## 3808

**Replenishment Demands.** When all the action detailed in 3804 to 3807 has been finalised for any one group/class, replenishment demands, Forms AS 134 S/W are to be prepared to bring the stock up to the allowances recorded on the ledger pages. (See 3806 3 e., 4, 5 and 6). The Forms AS 134 S/W are to be passed to the responsible ships Accounting Officer for signature and despatch.

## 3809

1. **Return of Surplus Stores.** Items held in excess of the allowances shown on the ledger pages are to be listed on Forms AS 331 S/W (signed by the responsible Accounting Officer), packed and dispatched to the appropriate Superintending Store Officer. The Forms AS 331 S/W are to be posted to the relevant ledgers.

2. Where the allowance of spare gear is considered to be excessive and a recommendation for a reduction in the allowances has been forwarded to Navy Office (see 3806 6 c.) the items are not to be returned until Navy Office approval is obtained.

## 3810

**Re-Stowing.** On the basis of the revised stockholding, a new stowage plan is to be prepared, and the items re-stowed. The stowage arrangements are to be in accordance with Chapter 17. Identical interchangeable items of spare gear are to be stowed in single locations, a suitable reference being made in other stowage locations applicable to the items.

## 3811

**Key List and Stocktaking Record.** The existing Key List and Stocktaking Record if in suitable condition, is to be brought up-to-date, or if considered desirable, a new record is to be prepared on Forms AS 148P, C and N.

## 3812

1. **Arrangement of Ledgers.** Ledger pages are to be arranged in accordance with 1805.

2. Interchangeable spare gear items stowed in accordance with 3810 are to be dealt with on 'Master' and 'Slave' Ledger pages. A master page is to be raised for each interchangeable item and is to show the sum total of such items allowed and on charge. The slave pages are only to show details of the respective parent equipments and the page and line number of the list concerned, but not quantities allowed or on charge. The master and slave pages are to be suitably cross-referenced.

## 3813

**Use of Ships Stores During SOAP.** Ships stores are only to be used during the SOAP if the item required is not available from the refitting yard. Items required by ships departmental officers are to be obtained direct by the departmental officer from the appropriate Store Officer at the refitting yard using yard issue notes. The appropriate (Suptg.) Store Officer will advise the desired method of preparation and distribution of these forms.

## 3814

**General.** For the efficient performance of a SOAP operation it will be necessary for the SOAP team, ships officers and dockyard officers to collaborate closely and the success of the operation will depend on the degree of co-operation extended by all concerned.

## ANNEX B

## ABR 4—New Chapter 39

## CHAPTER 39

## Selected Item Management (SIM)

## 3901

**Definition.** Selected Item Management (SIM) is a technique by which close and continuing attention is given to those items meriting such attention (Selected Items) because of frequency of movement, with a lesser degree of attention and continuity in management of those items less deserving of attention (Non-selected Items) due to infrequent movements. For this purpose the stock of naval and air stores is divided into two categories:

- a. Selected Items (SI),
- b. Non-selected Items (NSI).

## 3902

**Application.** The SIM system, as detailed in this chapter is only to be brought into use as follows:

- a. *HMA ships in Commission* . . . During a SOAP operation (see Chapter 38).
- b. *New ships* . . . . . On commissioning (see 3907).

## 3903

1. **Selected Items.** All items which have a frequency of movement in excess of three each year are to be regarded as Selected Items. The relevant ledger pages are to be endorsed by rubber stamp with the letters SI in the lower right hand corner of the form.

2. The stockholdings of Selected Items are to be reviewed continuously as transactions are entered in ledgers and replenishment action taken as necessary. The stock of consumable selected items should not at any time be allowed to fall below the minimum stock figures detailed in 0402. Replenishment of permanent selected items is to be on a one for one basis as items are issued.

3. Catalogue changes, etc are to be noted and stocks, accounts and stocktaking/stowage location records adjusted as soon as the changes are notified.

4. Notwithstanding the foregoing, the Supply Officer may designate as Selected Items, items having a frequency of movement less than three each year if other considerations such as annual consumption indicate that this is desirable.

## 3904

**Non-selected Items.** Replenishment of Non-selected Items is to be made as items are issued on a one for one basis. Catalogue changes need only be noted and stocks, accounts and stocktaking/stowage location records adjusted when items are received under the revised identification.

Updating of records will be effected during the next SOAP.

## 3905

1. **Stocktaking.** The stock of Selected Items and valuable and attractive stores (see 1612) is to be mustered at least once in every six months.

2. The stock of Non-selected Items, other than those classified as valuable and attractive or non-accountable, is to be mustered at least once in every 18 months.

3. Except as varied herein stocktaking procedures are to be in accordance with Chapter 16.

## ANNEX B—continued

## 3906

**Annual Review of all Stocks.** At least once in every 12 months the stock turnover and holdings of each item are to be reviewed and the category confirmed or changed as necessary. Concurrently, action should be taken to ensure that replenishment is arranged to maintain stocks at maximum allowances. This action should not be taken by the sailor responsible for posting the ledgers.

## 3907

**Implementation in New Ships.** Obvious Selected Items are to be classified as such by the ships staff in collaboration with the Stores Inspector allocated to assist with the commissioning. All other items will, until expenditure rates are known, be classed as non-selected. As issues are effected, the transaction rate is to be observed and when the movement of an item exceeds three in each year, the item is to be reclassified as a Selected Item and the relevant ledger page endorsed SI as indicated in 3903.

## 3908

The SIM procedure applies to HMA ships only and is not applicable to commissioned establishments.

(DSAP 302/2/27).

Annual Review of all items. At least once in every 12 months the stock inventory should be reviewed and the necessary adjustments should be made. The annual review should be held by the responsible person for the inventory.

When the inventory is reviewed it should be checked to ensure that the stock is correctly recorded and that the necessary adjustments are made. The annual review should be held by the responsible person for the inventory.

Application: The WMA system is intended to be used by all the members of the organization. The WMA system is not applicable to members of the organization who are not members of the organization.

1. National items. All items which have a processing or movement in excess of 1000 units per year are to be regarded as National items. The national items must be reviewed by the member with the highest SI in the lowest right hand corner of the form.

2. The stockholding of National items are to be reviewed continuously as far as possible against the figures and requirements shown in the schedule. The stockholding of National items should not be allowed to fall below the minimum level shown in the schedule.

3. Change orders, an all to be acted and stock, process and requirements should be reviewed as soon as the changes are needed.

4. Maintaining the Schedule: The Supply Officer may designate as National items, items having a frequency of movement less than that shown in other requirements and a normal manufacturing process that this is desirable.

Non-national items. Requirements of Government items are to be reviewed as soon as possible on a one for one basis. Changes should not only be made for stock, but also for requirements. Changes should be made when there are material changes in the stock requirements.

1. Schedule: The stock of National items should be reviewed as often as possible and the results of the review should be reported to the Supply Officer.

2. The stock of National items should be reviewed as often as possible and the results of the review should be reported to the Supply Officer.

3. The stock of National items should be reviewed as often as possible and the results of the review should be reported to the Supply Officer.

REGISTERED

RESTRICTED

ANO's 79-102/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
28 February 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY

RESTRICTED

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## Section 1

### ADMINISTRATIVE AND GENERAL

#### UNCLASSIFIED

#### 79—Collisions Involving Ships—Reports, Surveys, Etc

1. The provisions of RI Articles 3591 to 3594 (inclusive) are hereby superseded by the instructions set out in the Annex to this order.
2. RI is to be noted and will be amended in due course.

#### ANNEX

**3591. Collisions between HMA ships and non-naval vessels underway or stationary objects not owned or controlled by the Department of the Navy.** In this article:

'collision' means the meeting and mutual striking of two or more moving vessels or of a moving vessel with a stationary object;

'stationary object' includes a vessel not underway, dock, lock, basin, wharf, pier, pile or buoy.

2. **REPORTS OF COLLISIONS.** Immediately a collision occurs between one of HMA ships and a non-naval vessel which is underway, the Captain is to report the matter by signal to Navy Office and the administrative authority, stating, so far as possible, whether the other vessel is considered to be at fault, where she is to be found up to what date, her port of registry, her owner's name and address, and giving a preliminary estimate of the cost of, and time required for, repair to HMA ship, or, alternatively, indicating whether the damage appears to be serious. The Captain is to forward through the administrative authority, without delay:

(a) A report on Form A.S. 232.

(b) The diagrams and extracts from the ship's log, etc., referred to in Form A. S.232.

(c) Statements in detail, from such of the officers and sailors as the Captain may consider requisite, of the circumstances of the collision.

(d) A covering letter containing a full report of the circumstances leading up to the collision.

3. A careful note is to be made of the foregoing details whenever one of the HMA ships comes into such close proximity to another vessel that there is the possibility of damage having been done, as claims for damage have been received when, on subsequent inquiry, the Captain has reported that no apparent damage was caused or that no record of the incident is held.

4. **PRESERVATION OF DOCUMENTS.** Whenever a collision or narrow escape from a collision occurs, care is to be taken to preserve the ship's log, all engine room registers, the Navigating Officer's note book (3504), the plot in use, and the charts by which the ship was being navigated at the time. Entries are not to be erased, but if correction is found necessary the entry is to be crossed through so that the correction may be shown and the alteration initialled. Subsequent marking or amendment of the chart or plot is not to be made in any circumstances. If HMA ship should be paid off before the case is settled, these books are to be forwarded to Navy Office with a covering letter referring to the incident.

5. **JOINT SURVEY OF DAMAGE.** When a collision occurs or is alleged to have occurred between one of HMA ships and another vessel, it is essential that the damage caused or alleged to have been caused to both ships is jointly surveyed by competent

surveyors representing the Department of the Navy and the owners of the other vessel. These surveys are to be made on all occasions of collision, even though it is believed that the blame for the accident rests entirely upon the other vessel. The following authorities are to be informed immediately a collision occurs so that they may arrange for the surveys:

Collision in or near a dockyard .. ..	Flag or Naval Officer-in-Charge.
Collision elsewhere .. ..	Naval authority at the port or destination of each ship.

6. In all communications with the owners or representatives of the other vessel about the survey or the collision, in order to avoid the suggestion of an admission of liability or the waiver of any legal right, it is to be made clear that the action in question is being taken 'without prejudice', which means that the action proposed to be taken does not involve any acceptance of liability by the Commonwealth.

7. **REPORTS OF SURVEYS.** Reports of the surveys are to give:

- (a) An accurate description of the damage.
- (b) Full details of the repairs necessary.
- (c) An estimate of the cost of the repairs.
- (d) An estimate of the time required to effect the repairs.
- (e) Whether docking is required to effect the repairs.
- (f) What amount has been included in the total estimate to cover docking charges.

Details of the repairs and the time required should be agreed by both surveyors. If possible, the estimated cost should also be agreed, but if agreement cannot be reached, the surveyor representing the Department of the Navy should give his estimate of the cost.

8. Reports of surveys are to be forwarded to Navy Office and, in case of considerable damage, are to be accompanied by diagrams showing in detail the nature of the damage surveyed, together with photographs when practicable, and all information which will enable the angle of the blow and the direction and force of the impact to be determined. These particulars are required for the information of the Naval Board only, and are not in any circumstances to be supplied to the representatives of the owner of the other vessel.

9. **COLLISIONS WITH STATIONARY OBJECTS.** Similar reports and surveys to those described in this article are to be made, so far as applicable, when damage is caused to stationary objects, including vessels not underway. The Senior Officer is to make use of the services of an officer of the Department of Works, if one is available, for the survey of the damage caused other than to vessels involved.

**3592. Collisions between HMA ships underway or HMA ships and stationary objects owned or controlled by the Department of the Navy.** For the purposes of this article a collision occurs:

- (a) if two naval vessels underway come so close together unintentionally that they physically touch each other, whether damage has been caused or not;
- (b) if two naval vessels underway with the intention of touching each other (e.g., coastal minesweepers coming alongside each other for transfer of stores, etc.) come into contact so that damage is caused to either ship beyond the capacity of ship's staff to repair; or
- (c) if a naval vessel underway comes into contact with a stationary object, including a warship not underway, so that damage is caused either to the ship or to the object beyond the capacity of ship's staff to repair.

2. **REPORTS OF COLLISIONS.** Immediately a collision occurs between one of HMA ships and another naval vessel which is underway, the Captain of each ship involved is to report the matter by signal to Navy Office and the administrative authority, giving brief details of the circumstances leading to the collision and an indication of the damage to the ships concerned. Subsequent reports are to be made in accordance with Clause 3.

3. Whenever a collision occurs, the Captain is to forward through the administrative authority, without delay:

- (a) A report on Form A.S. 232.
- (b) The diagram and extracts from the ship's log, etc., referred to in Form A.S. 232.
- (c) Statements in detail, from such of the officers and sailors as the Captain may consider requisite, of the circumstances of the collision.

4. **REPORTS OF DAMAGE.** Whenever damage is caused by a collision, the Captain is to report particulars to the administrative authority with a view to a survey of the damage and strength of the hull being carried out by the dockyard.

5. Attention is drawn to Article 4962 (4) and (6) (b) which require the reporting of material damage exceeding \$40 in any one case. Such reports are to be made whether the damage is required to be reported on Form A.S. 232 in accordance with Article 2592, or not.

**3593. Privately owned vessels damaging stationary objects other than an HMA ship owned or controlled by the Department of the Navy.** Similar reports and surveys to those described in Article 3591 are to be made, so far as applicable, when a privately owned vessel damages stationary objects owned or controlled by the Department of the Navy.

**3594. (Cancelled)**

(DTWP 465/3/237)

## UNCLASSIFIED

### 80—Commissioning

The following commissionings have been effected:

HMAS ADVANCE .. ..	24 January 1968
HMAS STALWART .. ..	9 February 1968

(AS (NS) 1211/251/200)

## UNCLASSIFIED

### 81—Medical Outpatient Treatment—Recording

1. On every occasion that a member reports any complaint whatsoever of a medical nature, or when the Medical Officer himself considers that a member is not well, Form AM 209z—Daily Medical Record—is to be completed in duplicate by the Medical Officer. If no Medical Officer is available full details are to be recorded on AM 209z by the senior sailor responsible for the medical administration of the ship or establishment for the time being.

2. Instructions for the use of Form AM 209z (1967) are as follows:

- a. Full details of the circumstances under which each injury or disability is contracted are to be recorded in Box 9.
- b. Full clinical details, including all treatment given, the patients statement of his case and physical findings made on examining the patient are to be entered in Box 10.

- c. Disposal of the member is to be recorded at each attendance by means of the following abbreviations:

D —Duty	H —To hospital	} Giving name thereof.
AL —Attending List	FH —From hospital	
ED —Excused Duty List	OS —Discharge to other ship	
LD —Light Duty List	SOS—Sick on shore (Give address)	
SL —Sick List	DD —Discharged dead	

- d. Cases discharged to hospital and those placed sick on shore are to be recorded on the day of such admission and on the day of discharge from hospital or return from sick on shore, and on the occasion of any visits made to them. If these cases are not discharged to duty on return from hospital, their classification, eg SL or LD is to be given.
- e. If a member is placed on the Sick List on board, a notation to this effect is to be made in Box 10 of Form AM 209z. Form AF Med 10 (In-patient Case Sheet) is to be used for day to day notes on the case until patient is discharged from the Sick List. An AF Med 14 is then to be raised from AF Med 10/11 and disposed of in the prescribed manner.
- f. Special care in recording disabilities is to be paid where limbs, eyes, ears or parts of the body, etc, are affected by recording whether the disability is 'right' or 'left'.

3. *Disposal of the forms:* On the Monday of each week all original copies of Form AM 209z are to be secured together, and sent by fastest certified mail in an envelope addressed 'To be opened only by the Medical Director-General, Department of the Navy, Victoria Barracks, Melbourne, Victoria 3004'. The duplicate forms are to be filed in Form AM 209.

(MDG 464/60/27)

## RESTRICTED

### 82—Minimum Standard of Security Containers to be used in HMA Ships and Establishments

1. The findings of Boards of Inquiry and investigations into breaches of security have brought to light a number of instances where classified matter has been kept in an insecure container in an insecure position.

2. It has, in the past, been considered impracticable to lay down hard and fast rules regarding types of containers to be used in each instance as areas in which classified matter is kept have varying degrees of physical security protection. This is still so, but as a guide to the type of container to be used, a simple table has been included as Appendix II to the Commonwealth 'Protective Security Handbook.' This table is to be interpreted for Naval purposes as follows:

- HMA ships and establishments, under normal circumstances are considered to be Partially Secure Areas except in those cases when additional security measures have been incorporated, when the requirements of a partially secure area have not been met (*see* b. below) or when otherwise directed;
- a Partially Secure Area is defined as one when outside normal working hours (night and day) it is:
  - visited by patrolling guard at irregular intervals not exceeding four hours between visits, or
  - safeguarded by a combination of physical barriers and patrols adequate to prevent access for a period of at least four hours.

- c. The following types of containers are to be used for the following classifications:

- Top Secret—Secure Room.* Incorporating intruder alarm system together with door having anti-drill protection for the lock work and explosive protection, and secured by Chatwood Milner Mark III manipulation proof combination lock or a; *Secure Container* incorporating a door, having anti-drill protection for the lock work and explosive protection and secured by a Chatwood Milner Mark III manipulation proof combination lock.
  - All Cryptographic Material*—As for TOP SECRET.
  - Secret—Security Container* having anti-drill protection for the lock work and secured by a Chatwood Milner Mark III combination lock. (This is the standard four and two drawer container fitted with the lock in the middle of the second drawer down, or modified Dyke Samson type safe.)
  - Confidential—Security Container* of welded steel construction secured with a key lock and approved locking style or angle locking bar with Chubb AVA padlock.
  - Restricted*—As for CONFIDENTIAL.
- d. Pattern 5297 and 3000 chests are acceptable for the custody of SECRET, TOP SECRET and CRYPTOGRAPHIC material provided they conform to the specifications of (1) and (3) above and are in a designated secure area which is protected by approved physical security arrangements.
- e. The present Lockwood 2 in padlock fitted with a Yale type key is acceptable for use with locking bars until such time as Chubb AVA padlocks are procured. It is not proposed to make a general issue of Chubb locks but they should be demanded on a replacement basis and for all new requirements.

3. In determining the type of container to be used consideration is to be given not only to the protection afforded by the container, but also on the degree of security afforded by the position in which the container is situated. It is the length of time taken to gain access which has to be considered.

4. In cases of doubt as to the type of container to use, advice is to be sought from the Administrative Authorities Security Officer (Service or Civil) or from the Navy Office Security Section.

5. Security containers containing classified matter are not to be used for the stowage of cash, valuable and attractive stores or personal effects.

6. ACB 0337 will be amended.

(DNI 1617/205/213)

## Section 2 PERSONNEL

### UNCLASSIFIED

#### 83—Annual Medical Examination of Officers

1. Annual medical examinations are to be made of all officers including officers of Commonwealth Navies, Emergency List, WRANS, RANNS, RANR etc, who may be serving for not less than three months. These examinations are to be made during the period January to March each year (RI 4487 (a) (i)), with the exception of aircrew personnel who may be examined during the last quarter of each year.

2. Officers whose postings to another ship become effective during the first three months of the year are to be medically examined before taking up their new postings.

3. If for some other purpose an examination has been made and recorded on Form AF Med 1 during the last quarter of the previous year then the medical examination required, as in Paragraph 1 above, is not necessary, although details are to be reported as required in Paragraph 4.

4. In April each year, each ship and commissioned establishment is to forward a report to the Naval Board stating whether all officers have been examined or if this is not the case the names of officers not examined and the reasons.

5. Officers of Captains rank and above are to be examined by a Medical Officer of the rank of Surgeon Captain. If this is impracticable the examination is to be carried out by the appropriate Civil Consultant Physician.

6. Where practicable, officers are also to be given an audiometric test at the time of their annual medical examination, the result of which is to be recorded on Form AM 5, in triplicate.

7. The original of Form AM 5 is to be placed in the AF Med 4 and the duplicate and triplicate copies forwarded to the Medical Director-General.

8. When an officers hearing acuity is found to be below Standard II, Form AM 5A is to be created. Navy Order 189 of 1967 is relevant in this regard.

9. Navy Order 92 of 1965 is hereby cancelled.

(MDG 327/53/155)

(Navy Orders 92 of 1965 and 189 of 1967)

#### UNCLASSIFIED

##### 84—Arduous Service Leave—HMAS SYDNEY

For the present, in addition to their normal leave entitlement, members of the crew of HMAS SYDNEY may be granted arduous service leave on the basis of two days for each voyage to and from Vietnam, commencing December, 1967, up to a maximum seven days in a 12 months period.

(HPB 271/201/8)

#### UNCLASSIFIED

##### 85—Insurance Effectuated by Member in Respect of Stored Furniture

1. On removal at departmental expense a member may, at his own expense, take out additional insurance cover with an insurance company to cover loss, damage or breakages in respect of household furniture and effects during transport or storage. (NPI 231/34 refers).

2. Where a private insurance is taken out in respect of stored furniture the insurance company normally requires the location of the storehouse and may refuse payment on a claim for damages where the furniture was not stored at the storehouse specified. However, in many instances the removalist does not know in which store the goods will be placed until after they have been received at his terminal and is therefore unable to advise the member in advance of the precise location of the store-room.

3. It is essential that a member taking out additional insurance covers himself by endeavouring to arrange the insurance on the basis of 'a storehouse operated by .....' (naming the firm) or, if this is unacceptable to the insurance company, on the basis of 'location of storage to be advised'. The Department of Supply will then, on request by the member, a week or so after uplift, ascertain and advise the address of the storehouse.

4. This order will be incorporated in NPI.

(HPB 210/51/31)

#### UNCLASSIFIED

##### 86—Leave to Allow for a Removal

1. Representations have been made recently about the possibility of extending existing rules to allow for the granting of special leave to officers and sailors for the purposes of effecting a removal from one locality to another.

2. The Naval Board considers it is impracticable to grant, as a general rule, an allowance of special leave to be taken at the time of removal because of the variety of individual circumstances and wishes which would need to be catered for, eg removals of families or goods, or both, may be made before an officer or sailor arrives at a new locality, or at the time he moves or after he has been in the new locality for some time.

3. The Naval Board are aware of the difficulties which are frequently encountered when a family and goods are to be removed from one locality to another and wishes Commanding Officers to assist officers and sailors as much as possible by the granting of leave at the time.

4. It is within the discretion of the Commanding Officer to grant leave to enable an individual to settle his family into a new area. Short leave may be granted (*see* RI Article 0921) eg:

- a. during packing;
- b. where the family travels to the place of duty with the member; or
- c. where the family joins the member later at his place of duty.

Short leave does not carry a right to travel at departmental expense and travelling time cannot be approved. This form of leave is appropriate therefore where the need is for assistance for the wife in the local area.

5. The attention of Commanding Officers is directed also to the provisions of Navy Order 361 of 1966 Paragraph 49 (*f*) under which compassionate leave may be granted 'where it is necessary because of the wifes health or because the ages of the children are such that it would not be reasonable to expect her to bear the sole responsibility for the movement of the family'. It is emphasised that the other qualifications for compassionate leave in the preceding provisions of the paragraph referred to do not apply in regard to the grant of compassionate leave in removal cases. The Commanding Officer has full discretion in the matter; the only qualification required is the matter of the wifes health or the ages of the children.

6. The grant of compassionate leave for removal carries a right to travel at departmental expense subject to the conditions of NPI 217/12 (2.). In certain circumstances stated in that instruction the travel entitlement is additional to normal leave travel entitlements; in other cases it is charged against the entitlement. The cost of travel cannot be accepted by the Department in any other circumstances. This form of leave is appropriate when the member must travel to assist his wife.



7. It is accepted that wherever possible the member should be present during the packing and unpacking of a household associated with a removal. Within the discretionary powers outlined above Commanding Officers should take steps to allow leave for officers and sailors whether it be short leave or compassionate leave.

8. This order will be reprinted for posting on notice boards.

(HPB 319/1/57)

(Navy Order 361 of 1966)

#### UNCLASSIFIED

#### 87—Officers—Supplementary List Aircrew Qualification for Full Seaman Duties

1. Aircrew officers of the Supplementary List who wish to be considered for transfer to the General List are advised to make the most of their opportunities whilst serving in carriers to gain the certificates outlined in Section IV of Navy Order 181 of 1967. Officers efforts to qualify will have a bearing upon their selection for transfer.

2. Captains should give every encouragement and provide opportunities whenever practicable to all officers wishing to obtain these certificates.

3. Certificate of Fitness for Seaman Duties—Qualification No 01026, will be included in Amendment No 2 to ABR 27 Volume III, to be published in due course.

(DOA 303/1/40)

(Navy Order 181 of 1967)

#### UNCLASSIFIED

#### 88—Sailors—Aircraft Mechanics Weapons (MECHW)—Promotion Avenue to Special Duties List of Officers

1. With regard to Navy Order 17 of 1967 the avenue of promotion for MECHW Sailors to the SD List, will be as for the AE category ie, SDENAE.

2. Pattern of training and syllabus for professional test will be as follows:

a. *Eligibility and educational standard*—as for AE.

b. *Professional test*—February annually.

Paper No 1 Aircraft Maintenance Administration;  
Paper No 2 Air Ordnance Procedures;  
Paper No 3 Air Ordnance Engineering.

c. *Fleet Selection Board*—as vacancies occur.

d. A pre-qualifying course of up to eight weeks study under the direction of the OIC Air Engineering School at NAS NOWRA will be undertaken by candidates selected at the Fleet Selection Board. This will be designed to prepare candidates to undertake the AE post promotion course in the United Kingdom. On successful completion of this course and recommendation by Captain HMAS ALBATROSS, candidates will be selected for promotion prior to commencement of the UK course, according to existing vacancies in the establishment of officers.

e. Posting to the UK for post promotion course.

f. Post promotion Air Maintenance experience or training as requisite prior to taking up a complement posting.

3. RI will be amended.

(DOA 303/221/83)

(Navy Order 17 of 1967)

#### Section 4

#### EQUIPMENT, STORES AND SERVICING

#### UNCLASSIFIED

#### 89—Alteration and Addition Item—HMAS MORESBY

The following Alteration and Addition Item is approved to be carried out in HMAS MORESBY:

*Class List Item No 29 (Ex TDL 'NHZ')*

a. *Item:* To provide drain sumps in accordance with Garden Island Drawing No 416/33 (Navy Office Drawing 234/383) and fit additional bilge suction in accordance with Garden Island Drawing No MBB-2-608.

b. Weight compensation is not required but details of weight on are to be reported.

c. *References:* (1) HMAS MORESBYs AS 2022 H13/65 dated 26 November 1965.  
(2) Navy Office Memorandum 1228/52/141 dated 9 February 1966.  
(3) GMGID Memorandum DN 20/14/460 dated 11 October 1966.

(CNTS 1228/52/141)

#### UNCLASSIFIED

#### 90—Alteration and Addition Item—HMAS QUEENBOROUGH

The following Alterations and Additions Items are approved to be carried out in HMAS QUEENBOROUGH:

*Class List Item No 609 (Ex TDL 'NQAW')*

a. *Item:* To fit a sterlec hot plate griller (NC manual 6.0-A1).

*Class List Item No 610 (Ex TDL 'NQAX')*

b. *Item:* To fit a deep freeze unit to GI sp 799.

*Class List Item No 611 (Ex TDL 'NQAY')*

c. *Item:* To fit an ice making machine (Ellis and Judges 'ice-o-tube') modified in accordance with NO Drg sp 821 to meet Naval Board requirements.

d. Any weight variation is to be reported.

e. *Reference:* (1) HMAS QUEENBOROUGH letters 15/3 and 15/4 dated 28 March 1966, forwarded under cover of GMWD Memorandum 238/60/56 dated 14 April 1966.

(2) ACNB signals 300055Z and 300057Z June 1966.

(CNTS 1100/54/623)

#### UNCLASSIFIED

#### 91—Alteration and Addition Item—Type 12 Destroyer Escorts

The following Alteration and Addition Item is approved to be carried out in HMA Ships YARRA and PARRAMATTA and, subject to the lifting of the weight moratorium, in HMA Ships STUART and DERWENT:

*Class List Item No 329 (Ex TDL 'NFDS')*

a. *Item:* Improvement of Sulzer auxiliary feed pump drains by leading them to Gland Vapour Condenser in accordance with GMWD Detail Sheet No 720.

b. Full weight compensation is required for the estimated increase in weight of 26 lb.

- c. *References:* (1) HMAS YARRAs Form AS 2022 Serial No E9/65 dated 23 June 1965 (Notal).  
 (2) GMWD Memorandum Ref No 218/11/167 dated 4 February 1966 (Notal).  
 (3) GMWD Memorandum Ref No 218/11/167 dated 30 June 1966 (Notal).

(CNTS 1224/67/320)

## UNCLASSIFIED

### 92—Aviation—Aircraft Safety Equipment Servicing and Maintenance Responsibilities

1. This order defines the division of responsibility between Safety Equipment, Weapon, Air Weapon, Air Communication, Airframes Engines Categories and Medical Department for servicing and maintenance of aircraft and aircrew safety equipment which includes:

- a. parachutes and associated equipment;
- b. life rafts;
- c. survival equipment;
- d. first aid kits;
- e. aircraft safety harness;
- f. air-sea rescue equipment;
- g. helicopter rescue and crewmen slings;
- h. aircrew safety equipment such as:
  - (1) life saving jackets and associated equipment;
  - (2) protective and high altitude helmets;
  - (3) oxygen masks;
  - (4) pressure suits and waistcoats;
  - (5) anti-G suits;
  - (6) cooling and ventilation suits; and
  - (7) Immersion suits; and
- j. Associated test equipment.

#### Safety Equipment Category

2. Safety Equipment personnel are responsible for the servicing, repair and maintenance of aircraft and aircrew safety equipment as listed in Paragraph 1 and are to co-ordinate the activities and maintenance requirements of other trade categories as specified in subsequent paragraphs. The co-ordinating task is not to include aircraft ejection equipment which is controlled by Weapon personnel.

#### Airframes Engines Category

3. Airframes Engines personnel are responsible for:
  - a. removal and installation of aircraft safety harness (other than that fitted to ejection seats);
  - b. removal and installation of blow-out life rafts;
  - c. maintaining oxygen equipment, other than oxygen masks, hoses and attached connectors;

- d. rectification and Reconditioning of non-automatic operating heads, other than ejection equipment;
- e. rectification and Reconditioning of all 'Quick Release Boxes'; and
- f. the serviceability, removal and installation of first aid kits in Aircraft.

*Note:* (i) First aid kits that are unserviceable, 'time expired' or have the seal broken, are to be forwarded to the Medical Department for replenishment in accordance with current orders.

(ii) The serviceability of personal first aid kits is the responsibility of the individual holder concerned.

#### Weapon Category

4. Weapon personnel are responsible for the maintenance of:
  - a. Pyrotechnics contained in safety equipment.
  - b. Aircraft ejection equipment and explosive actuated devices such as canopy and hatch jettison mechanism.
  - c. Explosive operated heads fitted to all safety equipment.

#### Air Weapon Category

5. Air Weapon personnel are responsible for the maintenance of:
  - a. All safety equipment wiring and electrical fittings (excluding radio and radar equipment).
  - b. Electrical aspects of aircrew accessories and associated wiring.
  - c. Compasses.
  - d. Test rigs for oxygen masks and high altitude equipment.
  - e. Other recognised electrical/instrument equipment.

#### Air Communication Category

6. Air Communication personnel are responsible for the maintenance of radio and radar equipment contained in aircraft safety equipment and aircrew equipment.

#### The Medical Department

7. The Medical Department is responsible for replenishment of first aid kits, and the sealing of such kits in accordance with current listings.

(ACAE 1311/1/25)

## UNCLASSIFIED

### 93—Boot Topping Paints

1. The currently approved paint for the boot topping area is a tar-epoxy paint. This is a heavy duty, black anti-corrosive with good abrasion resistance but no anti-fouling properties. The paint is a two-pack composition with the following pattern numbers:

Resin Base in four gallons drums	..	..	..	L58867
Catalyst in two gallon drums	..	..	..	L58866
Resin Base in one quart tins	..	..	..	L58869
Catalyst in one pint tins	..	..	..	L58870

2. The two components are to be thoroughly mixed in the proportion stated on the containers and in accordance with the manufacturers directions immediately prior to use. Only sufficient quantity that can be used in about two hours is to be mixed.

3. Before initial application of the paint, the boot topping area is to be abrasive blast cleaned to Class 3 standard 'white metal' of AS CK9.4 'Abrasive Blast Cleaning of Steel Surfaces'. For the initial application, three coats are to be applied with overnight curing between coats to give a total dry film thickness of not less than 0.010 inch.

4. The coating will foul heavily in the area under water and will usually appear white due to the presence of tubeworm. This may be removed by light scraping and brooming in the area immediately below the waterline.

5. When maintenance is necessary, it has been found adequate to broom off and wash the intact paint with fresh water. It is essential that all fouling and slime be thoroughly removed.

6. Areas which are abraded back to bare steel must be thoroughly wire brushed or light blasted. The edges of the surrounding paint are to be feathered. The bare areas are to be touched up with two coats of tar-epoxy paint. The entire area can then be given one coat.

7. It was originally anticipated that tar-epoxy paint would require sanding before maintenance coats were applied but experience to date indicates that the preparation detailed above is satisfactory. Any failure of the coating, after the above treatment, is to be reported forthwith. In view of the above it is now feasible for ships staff to maintain boot-topping areas using tar-epoxy paint.

8. Reports have been received of ships staff overcoating the tar-epoxy boot topping with other black paints. This makes subsequent recoating with tar-epoxy paint impossible and will necessitate complete removal of the system by abrasive blasting. For this reason, after a ship has been coated with tar-epoxy paint in the boot topping area, ships staff are to ensure that nothing other than tar-epoxy paint is used for maintaining the coating.

9. Navy Order 240 of 1965 is hereby cancelled.

(ACDC 1211/51/384)

(Navy Order of 240 1965)

## UNCLASSIFIED

### 94—Electrical—Starters and Controllers—AC Motors—Burn Out Due to Abnormal Drop in Supply Voltage—Precautions

1. Advice was received from the (MOD) Navy that in two cases of burn out of AC motors in HM ships, one was ascribed to a surging voltage in the shore power supply, and the other to a variation in voltage when changing alternators. In both these instances, and in other known cases, the basic cause of failure is an abnormal drop in supply voltage which is liable to cause the motor starting contactor to partially open and reclose, and possibly to chatter, with the result that the contacts weld together. The overload protection coils are thenceforth unable to protect the motor in any way. A subsequent interruption in the supply may then stop the motor and when power is restored the motor will inevitably burn out if only two of the three contacts are welded. The motor will also burn out if all three contacts are closed but one fuse has ruptured, and again the burn out may occur not when the fuse blows but after a subsequent temporary interruption of the supply.

2. Efforts are being made to overcome this liability of the contactors to partially drop out on abnormal low voltages. In the meantime, special care is needed when shore supplies are in use to check that starters have not welded as a result of excessive voltage disturbances. If a serious voltage drop is known to have occurred it is advisable to stop and restart the larger running motors, to check that the motor really comes to rest and restarts. This will not occur if single phasing has taken place.

3. One cause of voltage disturbance is that large loads are connected to an inadequate power source. Ships officers are therefore to consult the Electrical department of the dockyard to ensure that the power supply is capable of meeting such demands.

4. Navy Order 278 of 1965 is hereby cancelled.

(ACDC 1211/52/70)

(Navy Order 278 of 1965)

## RESTRICTED

### 95—Electricity—Shore Supplies of Electricity to HMA Ships

#### General

1. For the safety of personnel and to avoid damage to a ships equipment, the connection of a 'shore supply' to a ships electrical system is to be governed by the precautions set out below since there may be occasions when HMA ships are placed at berths where the characteristics of the shore supply are different from those of the ships electrical system.

2. The whole operation of connecting or disconnecting a shore supply to a ships electrical system is a combined one for the ships officers and dockyard officers. It is to be the dockyard officers responsibility to connect or disconnect the shore end and to assist as necessary the ships officers at the ship end. The ships officers are to render all reasonable assistance in handling and securing the flexible shore supply cables. The ships officers are to be finally responsible for the correct sequence in which the whole operation of connecting or disconnecting is carried out.

3. The flexible cables used for the purpose of providing the external supply will be supplied and maintained by dockyard staff for ports where such staff is available. In other cases, the authority providing the external supply should normally provide these cables.

4. An external source of supply should only be used in parallel with a ships generators when all its characteristics are similar to the ships generators, and then only for the possible brief period of changeover from ship to shore supply required to avoid a black-out.

#### Instructions to Ships Officers

5. It is to be ascertained that the shore supply available is of the same nature as the ships electrical system, ie, DC or AC, of suitable voltage and frequency. Where the available shore supply has not the same characteristics as the ships electrical system, the following points should be observed:

- a. An external source of supply, the voltage of which exceeds that of the ships electrical system, is not to be connected.
- b. Where a ship requires DC and the external source of supply is AC or vice versa, and providing the voltage is suitable, it may be possible to make use of the external supply, for lighting and for heating but excluding forms of heating employing thermostats. It is to be borne in mind, however, that there is a risk of damage to other electrical equipment under such conditions, and proper precautions are

necessary to ensure the isolation of all unsuitable circuits. Such unsuitable circuits include those for electrical motors, meters and generally for all apparatus involving magnetic circuits such as solenoids, relay coils and transformers. The best method of ensuring the isolation of unsuitable circuits will vary considerably in different ships and must be left largely to the discretion of ships officers but the following points should not be overlooked:

- (1) Circuit breakers which have to be left in circuit must be locked 'ON' and the operating under-voltage and reverse current coils of both AC and DC breakers disconnected. As automatic protection will thus not be afforded, suitable alternative protection by fuses will have to be provided.
- (2) In larger ships where the use of the normal shore supply connections would necessitate a great deal of disconnecting of subsidiary circuits it may be simpler to take the external supply cables straight to the emergency terminals of those junction boxes directly connected to essential lighting and heating circuits.
- (3) The shore supply circuit is to be made 'dead' on shore before the shore supply cables are connected to or disconnected from the ships shore connection box or terminals.
- (4) The ships circuits which are to be connected to the external source of supply, are to be checked before connection is made to ensure that they are free from faults.
- (5) It is to be ascertained from the dockyard officers that the shore supply is 2 wire unearthed DC, or 3 phase 3 wire unearthed AC as applicable, and that it is suitably protected. DC supplies may be protected by a circuit breaker or switch fuses, whilst AC supplies should be protected by a circuit breaker.
- (6) It must be made certain that the flexible cable connections at the ships shore connection box or terminals are correct for polarity in the case of DC supplies and phase rotation in the case of 3 phase AC supplies. This applies particularly when USN ships are provided with Australian shore supplies or RAN ships with US shore supplies. The US and British Standard phase colourings do not correspond and connections made on the basis of similar colours between the two systems will lead to incorrect phase rotation.
- (7) In the case of 60 cycle 3 wire AC ships receiving a 50 cycle 3 wire AC shore supply of suitable voltage, it should be possible to connect rather more of the ships electrical system, eg, ventilating fans and certain other motors and switchgear. It is to be ascertained in such cases, however, that the resulting different speed and output of motors is not detrimental and a careful check must be kept on all apparatus to see that over-heating does not take place. The line voltage of a 3 wire 50 cycles AC shore supply should not exceed 400 for ships having a 440 volts 3 wire 60 cycles AC system, due allowance being made for the voltage drop in the shore supply cables.
- (8) In any case of doubt the advice of dockyard electrical officers is to be sought. Where dockyard staffs are not available, the provision of Paragraphs 6 to 14 are to be brought to the notice of the authority providing the shore supply.

#### Instructions to Dockyard Officers

6. The shore supply to a ship is normally to have the same characteristics as the ships electrical system. Where such a supply is not available a supply of different characteristics may be given subject to the limitations and precautions referred to in this order.

7. Where the distribution system ashore is an 'earthed' system, an 'unearthed' supply is to be obtained through the provision of a motor-generator in the case of DC system or a double wound transformer in the case of an AC system before connection is made to the

ships electrical system. An 'unearthed' DC supply from an external AC system should normally be obtained through a mercury arc rectifier or rotary converter incorporating a double wound transformer, or through a motor-generator.

8. The supply is to be given through a protective device suitably graded for the load to be supplied. Circuit breakers or switch fuses may be used for DC supplies but switch fuses are to be avoided wherever possible for 3 phase AC supplies because of the danger of single phasing. The protective device is to be located on shore in the most convenient accessible position adjacent to the ship receiving the supply.

9. Where two or more ships are berthed alongside each other, occasions may arise when it is desired to supply them from a single AC supply point. This is permissible providing the ships hulls are effectively bonded together, at not less than two points, so that the ships form one unit electrically.

10. If, for this purpose, the ships are linked through their internal systems via 'ship to ship' boxes, it should be appreciated that a considerable voltage drop may be involved and that the supply may not be adequate for testing and tuning of equipment.

11. The maximum fault capacity of the shore supply should not be in excess of that for which the ships protective gear is suitable.

12. An external supply, the voltage of which exceeds that of the ships electrical system is not to be connected. In this connection, however, due allowance should be made for the voltage drop in the shore supply cables.

13. It is to be confirmed from the ships officers that the ships electrical system has been tested to ensure that it is free from fault before any shore connection is made.

14. Assistance is to be given as necessary to the ships officers to ensure the correct polarity in the case of DC supplies and the correct phase rotation in the case of 3 phase AC supplies.

15. Navy Order 193 of 1965 is hereby cancelled.

(ACDC 1211/252/202)

(Navy Order 193 of 1965)

UNCLASSIFIED

#### 96—Fixed Issuing Prices for Provisions and Victualling Allowances as from 1 January 1968

1. The price list for provisions and supplementary price list for fresh fruit and vegetables, which have operated since 1 January and 1 October 1967, respectively, have been amended from 1 January 1968.

2. Revised price lists have been distributed to all HMA ships and establishments.

3. Consequent upon the revision of these prices, the following rates of victualling allowances per head per day will apply as from 1 January 1968:

	Ashore \$	Afloat \$
Messes of 50 or less victualled from a separate galley ..	0.79	0.81
All other messes of 300 or less .. .. .	0.78	0.79
Messes of more than 300 .. .. .	0.76	0.78
Additional for ships of the Strategic Reserve and for ships deployed with the United States Navy in the Far East	..	0.04
Supplementary 'Broadside' messing allowance for HMAS ANZAC, DIAMANTINA, DUCHESS and QUEENBOROUGH	..	0.01
HMAS MELVILLE .. .. .	0.81	..
HMAS TARANGAU .. .. .	0.83	..
Cadet Midshipmen at RANC .. .. .	0.87	*
Junior Recruits at training establishments .. .. .		
Apprentices at RANATE .. .. .		
Australian Sea Cadets attending camps and courses ..		

\*The allowance of 87 cents per day for Cadet Midshipmen, Junior Recruits, Apprentices and Australian Sea Cadets, is increased to 89 cents per day when victualled on board ships undergoing training and when messed separately.

4. Navy Order 523 of 1967 is hereby cancelled.

(D of V 903/51/147)

(Navy Order 523 of 1967)

## UNCLASSIFIED

### 97—HMA Naval Dockyards and Establishments—Machinery and Plant Proposals

1. Machinery and Plant is the term applied to the following:

- a. Motor vehicles; and
- b. other plant supplied for use in dockyards and establishments.

In order to facilitate correct identification, the Annex hereto sets out examples of equipment under these headings. The lists are not exhaustive but cover generally the various categories and types of equipment classified as machinery and plant.

2. Proposals in respect of a. and b. should be submitted separately and in strict accordance with RI Chapter 58. In this regard it is to be noted that Forms AD 148 are to be rendered in triplicate to reach Navy Office not later than 30 November each year.

3. Items of machinery and plant should not be confused with those for which the Department of Works is responsible, the latter being dealt with in accordance with RI Chapter 56.

4. Although motor vehicles are dealt with as machinery and plant for provisioning and replacement they are to be accounted for in the Naval Stores Account.

5. RI will be amended in due course.

6. Navy Orders 224 of 1965 and 664 of 1965 are hereby cancelled.

## ANNEX

### MACHINERY AND PLANT

#### 1. Motor Vehicles

Primarily motor vehicles of load and/or passenger carrying types, ie

Sedans, utilities, 4 x 4 vehicles (except those special purpose vehicles listed in b., hereunder), panel vans, all passenger buses, ambulances, conventional trucks, tipper-trucks, prime movers, motor cycles and scooters, semi-trailers (when purchased as prime mover complete with trailer, only).

#### 2. Other Plant

Including:

- a. *Machine tools* — lathes, milling machines, power hacksaws, shapers slotting and boring machines.
- b. *Workshop equipment* — power driven bending tools, cramp folders, shears, guillotines, crack detectors.
- c. *Woodworking machinery* — bandsaws, circular saws, planers thicknessers.
- d. Blacksmiths and coppersmiths hearths (if fitted with motor driven blowers).
- e. *Power driven grinding machines* — universal, tool post, pedestal, bench (excluding grinders of the portable plug-in type).
- f. *Power driven drilling machines* — bench, radial, pedestal (excluding drills of the portable plug-in type).
- g. Air compressors.
- h. Drawing office and plan printing equipment (excluding office machines).
- i. *Technical motor vehicles* — fire and crash tenders, fire engines, runway sweepers, early rescue vehicles, mobile work platforms, mobile generators, refuellers, water and petrol tankers.
- j. *Trailers and semi trailers of all types* (except when purchased complete with prime mover) including technical trailer vehicles—fire pump trailers, foam trailers, compressor trailers, mobile cookers, caravans.
- k. *Civil engineering equipment*—bulldozers, power shovels, front end loaders, road graders, power driven rollers, concrete mixers.
- l. *Tractors and tractor attachments of all types*, including power operated agricultural equipment — motor mowers, rotary hoes, motor scythes, chain saws, gang mowers, scarifiers.
- m. *Materials handling equipment* — fork lift and reach tracks, stackers, mobile cranes, pallet trucks.
- n. Aircraft ground power supply units.
- o. Boilers and attachments thereto where required solely for a Naval facility.
- p. Test equipment for dockyards.
- q. *Galley equipment for Cookery Schools* — ovens, ranges, deep fat fryers, dough mixing machines, stock pots, (excluding equipment for galleys and cafeterias).
- r. *Power driven industrial cleaning equipment* — steam cleaners, sweepers.
- s. Shot blast and vacu blast equipments.
- t. *Laboratory equipment for dockyards* — industrial X-ray machines, hardness testing equipment, tensile testing equipment, thickness gauges, analytical balances, sample preparation equipment.

(DSAP 1100/51/22)

(Navy Orders 224 and 664 of 1965)

## UNCLASSIFIED

**98—Naval Stores (General) (Class Group 0413 and 0442)—Impermeable Delivery Hoses—Instructions for Repair**

1. Examination of fitted hoses returned to naval store depots for repair or replacement indicates that it may not be generally appreciated that cleaning and repair can be effected using materials and equipment provided for the purpose in the first outfit allowances to HMA ships. Where cleaning or minor repairs are involved the following action should be taken. Impermeable delivery hoses requiring repair should first be thoroughly dried and cleaned in the vicinity of the damage. Any oil or grease must be removed, preferably by soap or detergent and warm water. The use of solvents is undesirable as they are injurious to the rubber lining.

2. Where more than two wefts (circumferential yarns) or two warps (longitudinal yarns) are damaged, they must be unpicked from the edge of the damage for about  $\frac{3}{8}$  in back, using a pricker or other suitable round pointed tool. The short ends of these weft or warp threads must be laid back on themselves and stuck down with Stenor 'Fire' rubber solution. This will prevent them pulling through when hydraulic pressure is applied to the hose. If inspection of the damage reveals that only one or two wefts or warps have been affected, the above preparation to the wefts or warps, as the case may be, is unnecessary.

3. Ordinary rubber solution should not be used as an adhesive, as it is not compounded for vulcanising. Stenor 'Fire' rubber solution, Pattern 0442/4307, is manufactured to give good adhesion both to a textile and to the prepared surface of the patch when it has been raised to the vulcanisation temperature and pressure. The Stenor 'Fire' solution must be allowed to dry rather than become tacky. This will take from five to ten minutes, depending on atmospheric conditions, and will be indicated by the disappearance of the solvent.

4. Before applying the patch, Stenor 'Fire' rubber solution must be rubbed thoroughly into the surface of the hose round the fracture, and allowed to dry. This will be when the smell of the solvent has disappeared and will probably take about ten minutes. It should be noted that adhesion does not depend upon the tackiness of the rubber solution but upon vulcanisation in contact, and this could be adversely affected by the presence of any unevaporated solvent.

5. Choose a patch of appropriate size as indicated below. No adhesive need be placed on the patch, which should be applied to the damage as directed on the packet. Lay the hose on the base pad of the Stenor patching machine, with the patched part uppermost. The machine incorporates an electrically operated heating element. A small fuse, supplied with each patch, is now placed in position and the lever depressed which holds down the cut-out switch. The fuse melts when the required temperature is reached and the switch can be heard to cut out. When the fuse has operated, leave the hose under the element for four minutes. It may then be removed in the repaired condition.

6. Patches should be selected as follows:

- a. Holes or slits up to  $\frac{3}{4}$  in diameter. A  $1\frac{1}{8}$  in round patch, Pattern 0413/4470.
- b. Holes or slits above  $\frac{3}{4}$  in diameter. An oval patch,  $3\frac{1}{2}$  in x  $1\frac{7}{8}$  in, Pattern 0413/4472, or 4 in x  $2\frac{1}{8}$  in, Pattern 0413/4473, should be used as required.

7. Navy Order 265 of 1965 is hereby cancelled.

(DNS 501/51/50)

(Navy Order 265 of 1965)

## UNCLASSIFIED

**99—Naval Stores (General) (Group Class 4240)—Breathing Apparatus, Self-contained—Normalair Type for Damage Control Purposes**

1. When the Normalair Breathing Apparatus, Self-contained, was introduced Type C880 was supplied by the manufacturer. However, this type was subsequently superseded in the RAN by the Type C2000.

2. In view of the small quantity of the former type in service, and in the interests of standardisation, it has been decided that HMA ships be issued only with the Type C2000 and HMA establishments with either C880 or C2000 Breathing Apparatus.

3. The Type C2000 provides for the cylinder and harness to be separated so that the harness only is capable of being worn with the face mask attached to a light hose fed from a low pressure air supply.

4. Breathing apparatus without airhose is considered adequate for Fleet use. Should the need arise sufficient suitable hose ie Hose, SSBA, 60 ft lengths—L90184 is available in HMA ships.

5. In view of the above, no alteration to the current stowage lockers will be required.

6. A further Navy Order giving Defence Stock Numbers, approved item names, accounting classifications, etc, of components and spares applicable to and interchangeable in both types of breathing apparatus will be promulgated in due course.

(DSAP 512/74/166)

**Section 5****BOOKS, CORRESPONDENCE, FORMS AND STATIONERY**

## UNCLASSIFIED

**100—Discipline—Forms AS 241 Disciplinary Charge Sheet and Punishment Record—Serial Numbering**

1. RI 2093A (4) requires Forms AS 241 to be serially numbered from 1 January of each year and the originals sent monthly to the Administrative Authority with certain other forms.

2. The serial number is to be allocated to the Form AS 241 at the time the punishment is awarded.

3. When the originals of Forms AS 241 are being sent to the Administrative Authority, they are to be arranged in chronological date and serial number order.

4. RI is to be noted and will be amended in due course.

(2NM 321/6/53)

## UNCLASSIFIED

**101—Introduction of EDP Personnel Reporting Forms**

1. Further investigations have disclosed that the completeness of the initial EDP file can be verified in Navy Office. Accordingly, in order to reduce to a minimum the work load in ships and establishments immediately prior to the Personnel Census Day, the introduction of the following EDP personnel reporting forms has been deferred from 18MAR68 as notified in Navy Order 542 of 1967, to 4APR68:

PA1—General Report Form 1.

PA6—Qualification Report.

PA17—Badges and Medals.

PA24—Leave Adjustment.

PA54—Personnel Title Variations—Sailors.

PB2—Movement Report—Gains.

PB3—Leave Report.

PB6—Movement Report—Transfers.

PB13—Movement Report—Losses.

PD1—Report of Punishments.

PD7—Committal, Remission, or Suspension of Sentence.

PD8—Promotion Stoppage.

PD12—Conviction by Civil Power.

PE5—Course or Test Results.

PE8—Educational Test 1.

PE9—Higher Educational Test.

PH3—Branch or Category Preference/Allotment.

PH18—Dependent Child.

PH19—Next of Kin Report.

PP1—Performance Evaluation Report.

PP5—Conduct Assessment.

PR1—Entry Part 1.

PR7—Execution of Re-engagement.

PR10—Re-engagement Application.

2. The distribution of the copies of each of these forms is specified in ABR 5063 Vol 2. To avoid any undue delay in receipt in the EDP Centre, the EDP copies are to be dispatched separately and addressed to:

Assistant Secretary (EDP),  
Navy Office,  
CANBERRA 2600.

3. The following additional new forms, which do not involve EDP, will also be introduced on 4APR68 for use in ships and establishments:

PB16—Movements of Personnel not included in EDP record.

PH104—Next of Kin Report—Personnel not included in EDP record.

PR103—Form of Engagement (PNF Seagoing).

PR104—Form of Engagement (WRANS).

PR105—Form of Engagement (PNG).

PR106—Form of Engagement (Auxiliary Services).

PR110—Form of Re-engagement (PNF Seagoing).

PR111—Form of Re-engagement (WRANS).

PR112—Form of Re-engagement (PNG).

FN117—Report of Changes Affecting Pay.

4. With the exception of Forms PE 8 and PE 9, which will be forwarded from Navy Office as requisite, initial requirements of the abovementioned forms, to meet an estimated six months usage, will be issued by SVSO, Sydney, without demand.

5. With effect from 4APR68, use of the following forms is to be discontinued and unused stocks are to be destroyed:

AS 55 series; AS 161; AS 161a; AS 161b; AS 257; AS 257a; AS 257b; AS 400X;  
AS 400Y; AS 459Y; AS 507A; AS 537.

6. The serial numbers of the accountable forms, namely AS 161, AS 161b and AS 257b which are destroyed are to be immediately reported to DNA.

(AS (EDP) 178/1/127)

(Navy Order 542 of 1967)

## UNCLASSIFIED

**102—Supply Division, Sydney—Correspondence and Signals**

1. In amplification of Paragraphs 3 and 4 of Navy Order 603 of 1966, whilst routine correspondence in connection with supply matters should be addressed direct to the appropriate Superintending Store Officer listed therein, correspondence of other than a routine nature and/or of application generally to the Supply Division, Sydney, is to be addressed to the Chief Superintendent of Supply.

2. Signals relating to supply matters are to be addressed to FOICEA info Captain of the Port.

(C of S 2/51/59)

(Navy Order 603 of 1966)

RESTRICTED

1. The following information is being furnished to you for your information only and is not to be used for any other purpose. It is the property of the Government and is loaned to you for your use only. It is to be returned to the Government upon request and is not to be distributed outside the Government.

2. This information is being furnished to you for your information only and is not to be used for any other purpose. It is the property of the Government and is loaned to you for your use only. It is to be returned to the Government upon request and is not to be distributed outside the Government.

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Registered

**RESTRICTED**

ANO's 103-121/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
8 March 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*Handau.*

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY

12726/68

**RESTRICTED**

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## Section 1

### ADMINISTRATIVE AND GENERAL

#### UNCLASSIFIED

#### 103—Changes in Meteorological Codes

1. Certain meteorological code forms and specifications changed internationally at 0001 GMT, 1 January 1968.
2. These changes, as they affect the seaman user, are to the Ship Reporting Codes—FM 21C, FM 22C, FM 23C which become FM 21D, FM 22D, FM 23D respectively—and to the International Analysis Code (IAC Fleet) which becomes FM 46D.
3. Amendments to W7 (Radio Weather Messages), and a new edition of ALRS Vol. III, incorporating the changes will be issued; as well, the lay-out of pages (Wf8A) of the Meteorological Log is being revised to accommodate the revised code format. W2 (Code Card), W3 (Decode Card) and W15 (IAC Fleet Code Card) are also being amended.
4. Details of the changes were forwarded separately to all Navigating Officers and Meteorological Observers by the RAN School of Meteorology prior to introduction of the changes.

(DNWS 161/1/245)

#### UNCLASSIFIED

#### 104—Payment of Accounts Received Under Cover of Forms NA 5

1. The standard of preparation and processing in ships of accounts forwarded to departmental Authorising Officers for payment under NA 5 procedures (NAM Article 189) has again been the subject of adverse comment by the Auditor General's Office. An examination of the accounts by departmental Authorising Officers confirms that errors and omissions occur due to non-compliance by ships personnel concerned with instructions promulgated in the Navy Accounts Manual for checks to be carried out and action to be taken for completion of accounts prior to certification.
2. Amendment to NAM Article 189 has been approved to include the additional requirement that the Authorising Officer is to ensure before payment that all accounts received under NA 5 have been duly certified and the claims are completed in accordance with Article 183. This additional requirement however does not in any way relieve the Supply Officer of any of his responsibilities for ensuring that accounts certified for payment by him are correct and complete in all respects. It will remain the responsibility of ships to take further action to remedy any defect or deficiency in accounts when requested to do so by departmental Authorising Officers.
3. NAM Article 189 is to be noted as appropriate pending issue of amendment sheets.

(DNA 204/51/50)

**Section 2**  
**PERSONNEL**

UNCLASSIFIED

**105—Discipline—Representations by Officers**

1. The Naval Board has approved the inclusion of the following articles in RI:

RI 1850A. **Representations Affecting Welfare and Conditions of Service.** With reference to QR and AI 1850 (5) (a), any officer or sailor may bring requests before Inspecting Officers at inspections in accordance with the custom of the service.

RI 1850B. **Representations by Officers.** Any officer should represent to his superiors any irregularity, inefficiency or deficiency which is prejudicial to the best interests of the Service. He should normally proceed through the normal Service channels, ie, his next superior officer, the Executive Officer and the Captain. He may approach his Administrative Authority direct, if necessary.

2. These articles are effective forthwith. RI will be amended in due course.

(DNLS 1288/201/46)

UNCLASSIFIED

**106—Participation of RAN Members in US Rest and Recreation Programme in Australia**

Members who are posted for service in Vietnam not being service of a diplomatic nature, may elect to spend their rest and recreation leave in Australia under the conditions set out in the following paragraphs:

a. **Transport.**

(1) Members shall be provided with transport to their home towns at public expense to enable them, as far as possible, to arrive at their home town on the same day as they arrive in Australia. Where travel interstate or lengthy journeys intra-state are involved civil airline transport is to be used. Other intra-state travel is to be by rail or bus, whichever is more convenient, to the home town of the member.

(2) Local travel including all metropolitan travel for personnel living in cities, or the journey between the rail head or air terminal and a members home in country areas, will be the responsibility of the member.

b. **Travelling Time.**

(1) Where, because of the distance of his home from the eastern seaboard of Australia, a member would otherwise be unable to spend at least four nights of his rest and recreation leave at home, he shall have added to that leave sufficient time to allow him to spend a minimum of four nights at his home.

(2) Members who are granted travelling time under (1) and who, as a result are unable to be found a seat in a returning rest and recreation aircraft or an RAAF courier or charter aircraft within a reasonable time after the return to the rest and recreation centre at Sydney or Brisbane may be returned to Vietnam by civil airline. Normally return by civil airline could only be justified in the case of a Lieutenant-Commander, or officer of higher rank, or a sailor whose unit is seriously below strength.

c. **Allowances.**

Members on rest and recreation leave in Australia will continue to receive their Vietnam allowance which includes an element for rest and recreation expenditure. No additional allowances are payable.

(HPB 138/1/105)

**Section 4**

**EQUIPMENT, STORES AND SERVICING**

UNCLASSIFIED

**107—Alteration and Addition Item—HMAS MELBOURNE**

The following Alteration and Addition Item is approved to be carried out in HMAS MELBOURNE:

*Class List Item No 194 (Ex TDL 'EO')*

- a. *Item:*
- (1) To convert compartment 5F2 into an Engineers Spare Gear Store.
  - (2) Existing stowages to be removed and replaced by steel racks and bins similar to installation in No 2 Spare Gear Store.
  - (3) Shipwrights store in 5F2 to be removed to existing Engineers Spare Gear Store 5JZ1.
- b. Details of the weight saving involved are to be reported.
- c. *References:*
- (1) HMAS MELBOURNEs Form AS 1182 TDL 'EO' forwarded under cover of FOCAF Memorandum AF 1904/179 dated 18 February 1966.
  - (2) HMAS MELBOURNEs Memorandum 108/1 dated 1 July 1966, forwarded under cover of FOCAF Memorandum AF 1212/36/2 dated 26 July 1966.

(CNTS 1213/52/620)

UNCLASSIFIED

**108—Alteration and Addition Item—HMAS MELBOURNE**

The following Alteration and Addition Item is approved to be carried out in HMAS MELBOURNE:

*Class List Item No 196 (Ex TDL 'CA')*

- a. *Item:*
- (1) To re-arrange existing spaces within the Sick Bay to provide satisfactory MOs examination room and administrative office.
  - (2) To transfer PMOs office to isolation ward and isolation ward equipment to be stored in ship for use in emergency.
  - (3) To equip present medical store as administration office, as medical store is no longer required on transfer of stores to Naval Stores Officer.
  - (4) To cut new doorway between laboratory and MOs office.
  - (5) To provide shelving in present PMOs office and convert to Ready Use Medical Store.

- b. No weight compensation is required however weight variations are to be reported.
- c. *Reference:* HMAS MELBOURNEs Form AS 1182 TDL 'CA' dated 26 August 1965, forwarded under cover of FOCAF Memorandum dated 13 September 1965.  
(CNTS 1213/52/587)

## UNCLASSIFIED

**109—Alteration and Addition Item—HMAS SYDNEY**

The following Alteration and Addition Item has been approved to be carried out in HMAS SYDNEY:

*Class List Item No 354 (Ex TDL 'AR')*

- a. *Item:* To remove two of three steam chests from after end of ships main galley and replace with three steam coppers of 10 gallon capacity.
- b. Weight changes are to be reported on completion of the item.
- c. *Reference:* HMAS SYDNEYs Form AS 1182, TDL 'AR', dated 6 March 1967, forwarded under cover of FOCAF Memorandum 1212/55/22 dated 28 March 1967.  
(CNTS 1213/53/196)

## UNCLASSIFIED

**110—Alteration and Addition Item—Ton Class Minesweepers and Minehunters**

The following Alteration and Addition Item is approved to be carried out in HMA Ships IBIS, GULL, HAWK, TEAL, CURLEW and SNIPE:

*Class List Item No 30 (Ex TDL 'NCAE')*

- a. *Item:* To connect an indicating lamp in the Fuel Transfer Pump circuit to indicate 'pump running'. The lamp shall be an approved bayonet cap type mounted in the starter, or in a separate box, and arranged to show the word 'running' through a glass window. The lamp shall be connected through HRC fuses to the motor armature terminals in the starters.
- b. *Reference:* Navy Order 307 of 1965.  
(CNTS 1227/51/188)

*(Navy Order 307 of 1965)*

## RESTRICTED

**111—Bathythermographs—Dips—Discontinuation of Use of Deep Diving Pendant Catalogue Number 0633/805832**

*(DCI (RN) 1026/1967)*

- Use of the pendant with swivel attachment (Catalogue No 0633/805832) should be discontinued when taking bathythermograph dips.
- The bathythermograph wire should be shackled directly to the swivel on the nose of the B/T disregarding the lugs on the instrument referred to as the 'deep diving attachment'. The auxiliary nose weight should be retained, and left permanently fitted to the instrument.

- When streaming the B/T without the pendant the instrument is to be towed at short stay for approximately 30 seconds to enable it to acquire the surface temperature.
- Measurements taken during recent trials have shown that the reduction in the depth of dip, resulting from the omission of the pendant will be small and can generally be offset by streaming a slightly longer length of wire.
- The same procedure is to be followed when streaming both the 180 ft 'shallow' and 450 ft 'deep' instruments.
- Ships should return pendants to SNSO Sydney quoting this instruction.

*(DMS 517/251/682)*

## UNCLASSIFIED

**112—Damage to Electrical Equipment**

- A serious defect has recently been caused in one of HMA ships due to the ingress of water into electrical equipment as a result of hosing down.
- Damage resulting from careless hosing down remains all too familiar and is inexcusable. Apart from the direct financial cost it represents a waste of ships time and unnecessary frustration to the already heavily loaded maintenance staff.
- Commanding Officers are to take whatever steps they feel necessary to eliminate carelessness of this nature.

*(ACMD 1215/61/10)*

## RESTRICTED

**113—Gun Mountings—4.5 Inch Mark 6 Series Gun Mountings—Revised Nomenclature**

- Consequent on the decision to incorporate major improvements in RAN 4.5 in Mark 6 Series gun mountings a revised nomenclature is necessary.
- These improvements will entail a considerable change in the mounting performance and physical characteristics, with repercussions on the test specifications and spare gear requirements.
- It has therefore been decided to adopt a revised nomenclature for RAN 4.5 in Mark 6 Series gun mountings as follows:
  - when referring collectively to all models of RAN 4.5 in mountings they are to be called '4.5 in Mk 6 Series' mountings;
  - existing 4.5 in Mk 6 mountings become '4.5 in Mk 6 Mod 0' mountings;
  - existing 4.5 in Mk 6\* mountings become '4.5 in Mk 6\* Mod 0' mountings;
  - on completion of conversion at Bendigo Ordnance Factory the 4.5 in Mk 6\* Mod 0 mountings will become '4.5 in Mk 6\* Mod 3' mountings;
  - existing 4.5 in Mk 6\* Mod 1 mountings remain as '4.5 in Mk 6\* Mod 1' mountings;

- f. on incorporation of all Type 12 DEs A and A Class List Items 277, 276, 290 and 291, referred to in Navy Order 10 of 1967, the 4.5 in Mk 6\* Mod 1 mountings will become '4.5 in Mk 6\* Mod 3' mountings; and
- g. new 4.5 in Mk 6 Series mountings procured from UK will be '4.5 in Mk 6\* Mod 3' mountings.
4. Existing documentation and drawings will eventually be amended to comply with the revised nomenclature.
5. Navy Order 24 of 1965 is hereby cancelled.

(DWE 736/259/43)

(Navy Orders 24 of 1965 and 10 of 1967)

## RESTRICTED

**114—Fire Control—MRS 3 System—AFCB Mark 10—Modification to Fit Wind Speed Scale in Mils—Modification No 4 to AFCB 10**

1. *Ships, establishments and authorities concerned* All ships and establishments so fitted, except HMAS DUCHESS.  
Weapon Equipment depots.
2. *Type and Mark of equipment* .. AFCB Mark 10.
3. *Part of equipment affected* .. .. Left-hand front cover.
4. *Purpose of modification* .. .. To facilitate conversion of BALMET wind in mils for setting on the AFCB 10 in degrees.
5. *Details of modification* .. .. Fit mils/degrees conversion tallyplate to LH front cover.
6. *Drawings* .. .. Navy Order Diagram Issue 1 of 1968.
7. *By whom to be done* .. .. Ships staff.  
Weapon Equipment depots.
8. *Supply of modification parts* .. .. a. Tally plate will be issued, without demand, to all holders of equipment.  
b. Suitable securing screws are to be provided by ships staff.
9. *Priority* .. .. Category 1.
10. *How to be treated* .. .. As a defect.
11. *How to be recorded* .. .. As modification No 4 to AFCB 10.

(DWE 737/259/17)

## UNCLASSIFIED

**115—Fire Control—MRS 3 System—AFCB Mark 10—Modification to Provide Power Pack Supplies Indication—Modification No 7 to AFCB 10**

1. *Ships, establishments and authorities concerned.* All ships and establishments so fitted, except HMAS DUCHESS.  
Weapon Equipment depots.
2. *Type and Mark of equipment* .. .. AFCB Mark 10.
3. *Part of equipment affected* .. .. Power pack and Right-hand door panel.
4. *Purpose of modification* .. .. To monitor the positive and negative 200 volt supplies from the console power pack, thus giving fault indication facility.
5. *Details of modification* .. .. a. Fit two neon indicator lights on the right-hand door and wire to the terminal chamber via a plug and socket and its mounting bracket.  
b. Fit Tally plate to outside of door.
6. *Drawings* .. .. Navy Order Diagram Issue 2 of 1968.
7. *By whom to be done* .. .. Ships staff.  
Weapon Equipment depots.
8. *Supply of modification parts* .. .. Modification kits will be issued, without demand, to all holders of equipment.
9. *Priority* .. .. Category 1.
10. *How to be treated* .. .. As a defect.
11. *How to be recorded* .. .. As modification No 7 to AFCB 10.
12. *Special Instructions* .. .. Care is to be taken during modification incorporation of two possible areas of fouling, ie:  
a. Fouling of the centre contact of neon holder.  
b. Fouling of neon indicator lenses with the handles of the Star Shell Deflection Unit in the Application Unit.
- If either foul is apparent, remedial action is to be taken as follows:  
(1) *For a.*—Insert neon bulb in holder, trim excess length off terminal and re-crimp or flatten end closer to the holder.  
(2) *For b.*—Raise the site of the neon indicators 3 in vertically taking special care to ensure that clearance exists for the indicator bodies when the door is closed and if necessary reversing the plug and socket.

(DWE 737/259/17)

## UNCLASSIFIED

**116—Fire Precautions—Fire Extinguishers—Hydraulic Pressure Testing**

1. It has been decided to adopt the procedure which relates to the pressure testing of portable fire extinguishers, contained in the amended Australian Standard CA 18—1964—Rules for the Maintenance of Portable Fire Extinguishers.

2. All RAN portable fire extinguishers of the chemical, gas container, or stored pressure types shall be hydraulically tested at intervals of five years.

3. Tests shall be at 300 lbs per square inch for a period of one minute.

4. RI Article 5605 will be amended.

(DNW 1446/1/39)

## UNCLASSIFIED

**117—Lox Handlers—Protective Clothing**

1. Liquid Oxygen (LOX) is being introduced into the RAN for use in Skyhawk aircraft. At atmospheric pressure LOX boils at—183°C and in the event of spillage during manufacture or subsequent handling can inflict severe burns on exposed portions of the body.

2. This instruction details the protective clothing which is to be demanded from the Superintending Victualling Store Officer, Royal Edward Victualling Yard, for issue to sailors whose work involves the handling of LOX. The alternatives shown are locally produced items which will be issued when initial stocks of US pattern items have been exhausted:

Item	Catalogue No	HMAS MELBOURNE	HMAS ALBATROSS
Apron, laboratory .. ..	40022 or	5 No	3 No
Apron, battery worker .. ..	40005		
Coveralls, rocket fuel handlers .. ..	40758-9 or	5 No	3 No
Coverall, safety, industrial, white (modified)	40853		
Face shield, industrial .. ..	40922 or	5 No	3 No
Face shield, industrial, RAAF pattern	40921		
Goggles, chemical .. ..	41112	5 Pr	3 Pr
Gloves, gas, welders .. ..	40923-4 or	5 Pr	3 Pr
Gloves, leather, welders .. ..	40955-6		
Shoes, safety .. ..	41842-4 or	5 Pr	3 Pr
Boots, rubber, ankle, RAAF pattern ..	40287-93		

(D of V 400/54/302)

## UNCLASSIFIED

**118—Naval Stores—Sonar Types 186, 187, 719 and 197 Security Covers**

(DCI (RN) 1270/1967)

1. The following fitted units of Sonar Equipments are being provided with security covers:

Sonar Type	Unit	Security Cover NSN
186	806019 or 19441 Display .. ..	5845-99-519-7818
187	805221 Indicator AB .. ..	5845-99-519-7815
	805206 Panel Control .. ..	5845-99-519-7814
719	805274 Control and Display Panel .. ..	5845-99-519-7816
	805298 Recorder .. ..	5845-99-519-7817
197	DUUG Interceptor Goniometer 36001 .. ..	5845-99-519-7819
	AUUD Interceptor Analyser 36002 .. ..	5845-99-519-7820
	Remote Display 36003 .. ..	5845-99-519-7821

2. On receipt of the covers which are on order from MOD (N), issues in accordance with current security regulations will be made without demand by SNSO Sydney.

3. MOD (N) have advised that the relevant Establishment Lists are being amended.

(DNS 518/52/405)

## UNCLASSIFIED

**119—WRANS and RANNS—Stockings, Beige, 30 Denier—Introduction of Seamless Hosiery**

1. Due to the popular demand for seamless light coloured hosiery, production of seamed 30 denier beige hosiery has declined to such an extent that supplies are difficult to obtain and as a result 30 denier seamless beige stockings will be purchased for future issues to members of the WRANS and RANNS.

2. Existing stocks of 30 denier seamed beige stockings will be issued to exhaustion.

3. The seamed 30 denier black and 60 denier beige stockings will be retained.

4. A purchase of seamless beige 30 denier stockings is now being arranged and supplies will be available shortly. The new style will be identified by the following catalogue numbers and nomenclatures:

Catalogue No	Description	Size
61921/1	Stockings, Beige, 30 Denier .. ..	8½
61922/1	Stockings, Beige, 30 Denier .. ..	9
61923/1	Stockings, Beige, 30 Denier .. ..	9½
61924/1	Stockings, Beige, 30 Denier .. ..	10
61925/1	Stockings, Beige, 30 Denier .. ..	10½
61926/1	Stockings, Beige, 30 Denier .. ..	11

(D of V 917/76/15)

## Section 5

## BOOKS, CORRESPONDENCE, FORMS AND STATIONERY

## RESTRICTED

## 120—ABR 27 Volume 2 (Revised 1968)—RAN Training Manual

1. ABR 27 Volume 2 now in course of distribution has been revised and reprinted and is effective 18 March 1968. A number of methods of producing this book have been investigated but the present layout and arrangements for distribution are considered to best meet the requirements of all users.

2. Changes to the system of reporting and recording results of sailors training which have been made necessary by the introduction of EDP are as follows:

- a. Letters reporting results of promotion courses and tests will cease to be a requirement.
- b. Results of all courses and BTTs, Swimming Tests and Sea Training Tests will be reported on Form PE 5 Course or Test Results. As a simple guide, only courses or qualification numbers with the initial digit '9' are in this category. The rendering of these forms will be the responsibility of the Testing Authority, that is the ship or establishment responsible for reporting the overall result of a course or test.
- c. Form AS 442 Application for Tests and Report of Results, will continue to be used to record all applications as well as progress and final results of tests for promotion.
- d. Qualifications gained without a specific course being conducted or by an informal test and/or suitable experience, eg Helmsmans Certificate, Certificate of Competence, BWC, AWC, to be reported to Navy Office on Form PA 6 Qualification Report. All qualifications which do not have a first digit of '9' are in this category.
- e. The requirement to report results on Form AS 161a is to cease on 18 March 1968.

3. Minor amendments which have been made to ABR 27, Volume 2, may be summarised as follows:

- a. Updating of terminology; and
- b. Inclusion of EDP lectures and questions in appropriate syllabuses.

4. The revised edition of the Training Manual is being issued in two parts, Chapters 1 to 10 and 11 to 24.

(DMT 465/201/643)

## UNCLASSIFIED

## 121—Survey Vouchers—Forms AD 3004—Separate Reports to Coincide with Appropriate Supply Directorate

1. Survey Vouchers Forms AD 3004 referred to Navy Office for approval are dealt with by the appropriate Supply Director. For this reason, there is a footnote on the forms requiring separate reports for the various categories of stores such as naval, air, etc.

2. Consequent on the transfer of responsibility at Navy Office for provision of certain stores, as indicated in Navy Order 399 of 1967, the various categories shown in the footnote on Forms AD 3004 are to be sub-divided as necessary to ensure that any reports referred

to Navy Office do not include stores involving more than one Supply Director. For example, naval stores for which the Director of Victualling is now responsible must not be included on the same form as naval stores for which the Director of Naval Stores is responsible.

3. Henceforth Survey Vouchers Forms AD 3004 requiring Navy Office approval are to be forwarded as follows, reports being rendered for each category as listed in the following sub-paragraphs:

- a. Naval stores (other than those items for which D of V and DMS are responsible) and Aviation Fuels .. .. to DNS
- b. Naval stores for which D of V is responsible .. .. }
- c. Victualling Stores .. .. } to D of V
- d. Publications, printed forms, stationery, office requisites and office machines .. .. }
- e. Air stores (other than Aviation Fuels) .. .. to D of S (Air)
- f. Naval Armament stores .. .. }
- g. Gunnery Equipment and Underwater Weapons .. .. } to DAS
- h. Machinery and Spares, Motor Transport Vehicles and Automotive Spares (including tyres and tubes) .. to DMS
- i. Medical and Dental stores .. .. to MDG
- j. Presentations, Relics and Trophies .. .. to DSAP

4. ABR 4 Article 1011 (3) (e) (i) will be amended.

(DSAP 400/51/249)

(Navy Order 399 of 1967)

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Register

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ANO's 122-138/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
15 March 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*Handau.*

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY

12867/68

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## Section 1

### ADMINISTRATIVE AND GENERAL

#### RESTRICTED

#### 122—Meteorological Publications and Charts—Supply and Accounting Arrangements

1. Meteorological publications and charts are supplied by the RAN Hydrographer, Sydney.
2. **Meteorological Publications**
  - a. Items supplied to RAN Air Station, Nowra, and HMAS MELBOURNE will be in accordance with the scales laid down in W1, 'Meteorological Supplies Handbook'. The RAN School of Meteorology will be supplied with such additional publications as are approved by the Naval Board.
  - b. The scales of supply for all other ships are given in Annex A to this order.
3. Initial supply to newly commissioned ships will be made without demand.
4. Requirements for meteorological publications in excess of the approved scales are to be submitted to the Naval Board for approval, before demands on Forms SX 12 or SX 14 are rendered to the Hydrographer.
5. Corrections to ALRS Vol 3 are promulgated in Admiralty Notices to Mariners. Amendments to W 7, 'Radio Weather Messages', and to other publications will be supplied by the Hydrographer.

#### Custody of Publications

6. The Meteorological Officer, or if no Meteorological Officer is borne, the Navigating Officer is responsible for the custody, and amendment as necessary, of meteorological publications.

7. On transfer of custody, publications are to be mustered and recorded, using NP numbers without quoting titles, on Form AS 549. The Supply Note is to be held by the Transferee, the Receipt Note by the officer transferring and an Acquaint Note is to be forwarded to the RAN Hydrographer.

#### Meteorological Working Charts

8. An initial supply of meteorological charts appropriate to the area concerned will be supplied without demand by the Hydrographer whenever a chart folio is issued. The scale of issue of charts for the Pacific Ocean and Indian Ocean areas is given in Annex B to this order. A wider range of charts for these areas is available for ships with full meteorological organisations.

9. Further supplies of meteorological charts are to be demanded from the Hydrographer on Forms SX 12 or SX 14 as requisite. Stocks are not to exceed six months estimated requirements unless the ship is about to leave Australian waters when stocks may be brought up to twelve months requirements.

10. The Senior Meteorological Officer, RAN Air Station, Nowra, is authorised to obtain supplies of CMB charts and forms direct from the Commonwealth Bureau of Meteorology.

11. Charts for barographs and other meteorological recording instruments are naval stores items and are not available from the Hydrographer.

**Disposal of Publications**

12. When a ship pays off, or when meteorological publications are no longer required, all such publications and stocks of meteorological charts are to be returned to the Hydrographer, using Forms SX 27 or SX 28.

13. When a ship's meteorological log, W 8 or Form MO 911, is full and the contents are no longer required on board, the whole log is to be forwarded to the Senior Meteorological Officer, RAN Air Station, Nowra, for scrutiny and for onward transmission to the Director, Naval Weather Service. Meteorological logs are ultimately passed to the Commonwealth Bureau of Meteorology to assist in the compilation of climatological statistics.

14. Navy Order 312 of 1965 is hereby cancelled.

**ANNEX A****Establishment of Meteorological Publications**

<i>Title</i>	<i>Establishment</i>	<i>NP No</i>
<b>1. All Ships</b>		
ALRS Vol 3 (Met Codes and Services) .. .. .	1	275 (3)
Cloud Types for Observers .. .. .	1	427
Meteorological Log (W8) ( <i>see Note</i> ) .. .. .	1	445
Meteorological Log Working Pages (W8a) .. .. .	200	445A
International Analysis and Prognosis Code .. .. .	1	455
Hygrometric Tables for Use with Stevenson Screen-- Readings in C° .. .. .	1	474A
Marine Observers Handbook .. .. .	1	514
<i>Note:</i> Ships not complemented for NAMET/NAVYEO are issued with Form MO 911 (Selected Ships Meteorological Log) in lieu of Meteorological Log (W8).		
<b>2. Additional Publications for Ships with N or D Officer, or Meteorological Observer</b>		
Meteorology for Mariners .. .. .	1	407
Atlas of Meteorological Charts, Western Pacific Ocean ..	1	431
Radio Weather Messages (W7) .. .. .	1	464
Observers Handbook .. .. .	1	469
Table for Converting British to Metric Units and vice-versa	1	500
World Climatic Chart—Sheet I (January) .. .. .	1	5301
World Climatic Chart—Sheet II (July) .. .. .	1	5302
<b>3. Additional Publications for Ships Fitted for Pilot Balloon Flights</b>		
Form for Recording Pilot Balloon Ascents .. .. .	2	436
Table for Computing Plan Range from Observed Elevation of a Pilot Balloon .. .. .	1	465
<b>4. Additional Publications for Ships Carrying Helicopters</b>		
Elementary Meteorology for Aircrew .. .. .	1	461
Handbook of Aviation Meteorology .. .. .	1	463

**ANNEX B****Meteorological Working Charts—Pacific and Indian Oceans Establishment for HMA Ships**

<i>Chart No</i>	<i>Title</i>	<i>No of Copies</i>	<i>Included with Issues of Following Chart Folios</i>
B.75a	Indian Ocean .. .. .	25	32, 36–38, 40–43, 45, 46
B.138a	North-East Pacific Ocean .. .. .	25	74, 89–92
B.141a	South Indian Ocean .. .. .	25	AUS2
B.142a	Australia and New Zealand .. .. .	50	AUS1, AUS3, AUS4, AUS5, AUS6, 68, NZ1, NZ2
B.143a	South Pacific Ocean .. .. .	25	70, 73, NZ1, NZ2
B.145a	West Pacific Ocean .. .. .	25	47–59
B.6461	South-East Pacific Ocean .. .. .	25	73, 88, 89, 97, 98
B.6627a	The World Key to Block Numbers	1	All
X.6204	The World Index to Met working charts .. .. .	1	All

(DNWS 465/1/195)

(Navy Order 312 of 1965)

**UNCLASSIFIED****123—The Royal Australian Fleet Reserve (Short Title—RAFR)**

1. It is the policy of the Naval Board to maintain adequate Citizen Naval Forces so that trained personnel are available in a time of war or time of defence emergency to man additional ships and other naval activities which would be required. This order contains a summary of the conditions of service and instructions for enlistment in the RAFR insofar as they apply to RAN sailors. Enquiries for further particulars should be addressed to the Director of Naval Reserves, Navy Office, Canberra, ACT 2600.

**Constitution and Composition**

2. The RAFR is a component of the CNF. In a time of war or time of defence emergency, the Governor-General may, by proclamation, call out the Citizen Forces, or any part of those Forces, for continuous fulltime service. Members are not liable for service at other times unless they volunteer (*See Paragraph 11*).

3. A person is not eligible to enlist in the RAFR unless:

- he has served in the PNF of a Commonwealth country for not less than three years;
- immediately before discharge, he held a rank not lower than Able Seaman;
- he is medically fit; and
- he has a satisfactory service record.

4. Sailors who do not re-engage on completion of their PNF engagement are encouraged to enlist in the RAFR. Sailors whose qualifications are out of date are not normally enlisted or re-enlisted in this Force. The DFRB Act provides that if a sailor entitled to a pension on retirement or a gratuity on discharge, is requested to join the RAFR and does not agree to do so, he is entitled to so much only of the pension or gratuity as exceeds 400 dollars.

5. Sailors who are not contributors to the DFRB Fund may, from the date of this order, enlist in the RAFR under the same conditions as ex-DFRB contributors. The training obligation for members enlisted under previous conditions of service will cease on 31 December 1968, ie, there is no longer a requirement for annual obligatory training for any RAFR member.

6. The Captain is responsible for the conditions of service in the RAFR being explained to all eligible sailors before discharge from the RAN and that Form AB 103 (Form of enlistment in the RAFR—this form will be replaced by Form PR 102 in 1968) is completed in all sections as part of the normal discharge routine.

7. The completed form is to be forwarded to the Director of Naval Reserves who will inform members of their enlistment, which will normally be effected to date the day following a members discharge from the PNF.

#### Period of Enlistment

8. The period of enlistment in the RAFR will be:

- a. in the case of a person who has not reached the retiring age for the part of the Naval Forces to which he belongs—five years; and
- b. in the case of a person who has reached the retiring age for the part of the Naval Forces to which he belongs—the period necessary for him to reach retiring age in the RAFR.

#### RAFR Retiring Ages

9. The age for compulsory retirement of a member of the RAFR is:

- a. in the case of a member serving in the Naval Dockyard Police branch—Sixty years; or
- b. in any other case—Fifty-five years.

#### Re-enlistment

10. Selected members may be re-engaged for successive periods of five years up to retiring age. ABR 10 provides that ex-members of the Naval Forces applying for re-entry to the PNF will normally be entered in the Ordinary rank if they have been absent from continuous full time service in the excess of five years. However members of the RAFR, in the event of being required for continuous full time service, are called up and will initially serve in their RAFR rank. Subsequent promotion will be subject to the rules existing at the time. **Until further notice, only Leading rank sailors and above will be re-enlisted in the RAFR.**

#### Voluntary training and service

11. The Naval Defence Act provides that a member of the CNF may, at any time, voluntarily undertake to carry out continuous fulltime service for a period specified by him and if the application is accepted he is bound to serve for the agreed period.

12. Sailors completing their time in the PNF who wish to continue to render full time service but who do not wish to re-engage in the PNF, may volunteer to enlist in the RAFR and to render full time service in a PNF vacancy. Application should be made to the Captain in the normal Service manner and forwarded to Navy Office for decision. Applications from members already discharged are to be made to the Director of Naval Reserves.

13. Sailors serving under these rules will normally remain on the sea/shore roster and the current minimum period of service is 12 months with possible extensions of six months. Members serving under these conditions and applying to be discharged before completion of the period will be considered under the same rules as apply to members of the PNF.

14. Other conditions of service relevant to continuous full time PNF service as a member of the RAFR are:

- a. Sailors agreeing to serve for at least 12 months will maintain their entitlement to removals at Departmental expense in accordance with the normal rules;
- b. Sailors receiving deferred pay may draw their entitlement on completing their final PNF engagement or wait until final discharge to shore. Deferred pay is not credited to members of the CNF;
- c. Sailors contributing to the DFRB fund cannot, at this stage, contribute for further benefits after enlistment in the RAFR. Those who have a pension entitlement will receive, as a pension, the total pension equivalent to their rank on transfer, less the consolidated revenue portions, ie, they will receive about 22½ per cent of the full pension. This is of course in addition to their fortnightly pay. The full pension becomes payable on ceasing fulltime service; and
- d. A gratuity of \$40 is paid for each completed year of full time service.

15. This order will be reprinted for posting on notice boards.

(D of R 465/1/1170)

## Section 2 PERSONNEL

### UNCLASSIFIED

#### 124—Officers—Administrative Censures

1. The following administrative censures may be awarded to officers of the Royal Australian Navy:

- a. *By the Naval Board*—an expression of the Naval Boards displeasure or severe displeasure.
- b. *By a Commanding Officer*—a logging (QR & AI 1846).

#### 2. Naval Board Censures

All Naval Board censures are permanently recorded in the officers record. If an Administrative Authority or a Commanding Officer considers the matter sufficiently serious to merit a Naval Board censure the officer concerned is to be given an opportunity, if he so desires, to submit an explanation of his conduct or offer a defence against any specific charge which may have been brought. Administrative Authorities and Commanding Officers are to submit with their report any explanations the officer may wish to make, or, if he does not wish to make any explanation, a statement that he has been offered the opportunity to do so. Should the Naval Board censure be initiated in Navy Office, the officer concerned will be invited by the Naval Board to give his reasons in writing why he should not incur an expression of the Naval Boards displeasure or severe displeasure based on the evidence then available to the Board.

#### 3. Logging

Where the Commanding Officer considers the matter sufficiently serious to merit a submission that the logging should be permanently recorded, he is to take the action detailed in Paragraph 2.

4. An administrative censure, whether permanently recorded or not, does not constitute a punishment under the Naval Discipline Act and is not a bar to subsequent trial by court-martial in respect of which the censure is awarded.

5. RI will be amended.

(DNLS 321/1/20)

## UNCLASSIFIED

**125—Re-registration of Private Motor Vehicle**

1. The attention of all members who own motor vehicles is drawn to the need, when posted interstate, to comply with the Motor Registration Act or Ordinance in force in their new location.

2. The Authorities in all States and Territories require members who own private motor vehicles to re-register them and to obtain new driving licences on arrival in the State or Territory to which they have been appropriated. Personnel are warned that there may be difficulties in connection with their Third Party Insurance should they be involved in an accident before these steps are taken.

3. When vehicles have been re-registered, members should return the registration plates of their former State or Territory and apply for a refund, on a pro rata basis, of the unexpired registration and Third Party Insurance fees.

4. The above information is given as a guide only. All members concerned should acquaint themselves with the local motor vehicle laws immediately on becoming a resident in another State or Territory.

5. This order will be reprinted for posting on notice boards.

6. Navy Order 34 of 1965 is hereby cancelled.

(HPB 47/8/15)

(Navy Order 34 of 1965)

## UNCLASSIFIED

**126—Syllabus of Sea Training for Cadet Midshipmen/Midshipmen (GL) and Midshipmen (SLEX) in the Training Ship**

1. The duration and type of sea training to be undertaken annually in the training ship by future non-degree stream General List officers from the RANC will not be affected by other current changes to the overall training structure of the RANC. It will continue to match the training requirement given to Cadet Midshipmen (GL) up to and including 1968, and to Midshipmen (SLEX) during Phase I.

2. The syllabus for training both Cadet Midshipmen/Midshipmen (GL), and Midshipmen (SLEX) in the training ship is common in order to consolidate theoretical training already received, and to introduce junior officers to life at sea. Particular attention is paid to the practical aspects of shipboard life, and to the duties of sailors of the various branches.

3. The approved syllabus for sea training is contained in the Annex to this order.

## ANNEX

**Syllabus for Sea Training of Cadet Midshipmen/Midshipmen (GL) and Midshipmen (SLEX)**

## SECTION 1—SEAMANSHIP

## 1. Seaboats

- a. Review of theoretical instruction received at RANC.
- b. Practical experience in lowering and hoisting.
- c. Safety precautions.

## 2. Anchorwork

- a. Review of theoretical instruction received at RANC.
- b. Practical introduction to anchors, cables and associated equipment.
- c. Working cable. Participation in one anchoring evolution one weighing.
- d. Securing to buoy—one practical demonstration.

## 3. Evolutions

Lectures followed by practical demonstration and participation in:

- a. tow forward;
- b. tow aft;
- c. refuelling—abeam;
- d. heavy jackstay transfer;
- e. light jackstay transfer;
- f. spread and furl forecandle awning; and
- g. rig, stream, recover dan buoy.

## 4. Rigging

- a. Practical instruction in cordage and wire splicing.
- b. Maintenance and repair of standing and running rigging.
- c. Rigs used in RAS operations.
- d. Lifting appliances.
- e. Surveys and tests.
- f. Safety procedures.

## 5. Watchkeeping Duties—Sea

- a. Helmsman, telegraphman, lifebuoy sentry, lookout.
- b. Boatswains mate.
- c. Cadet of watch—introduction to ship handling.

## 6. Watchkeeping Duties—Harbour

- a. Cadet of Watch.
- b. Cadet Quartermaster of Watch.
- c. Cadet Boatswains Mate of Watch.
- d. Cadet of the Day.
- e. Boat coxswain—experience to be gained in handling boat in capital city harbour traffic.

## 7. Survival at Sea

- a. Emergency and leaving ship stations.
- b. Safety equipment carried. ILR operation.
- c. Lifejacket operation.
- d. Helicopter winching drill.
- e. Abandon ship drill.
- f. Films 'Survival at Sea' Parts 1 and 2.

## SECTION 2—GENERAL

## 1. Formal Instruction—Lectures

- a. Duties and responsibilities of Divisional Officer.
- b. Articles of War.
- c. Naval Discipline Act.
- d. OOW—investigation of offences—conduct of investigation. Warnings.
- e. Miscellaneous offences—drunkenness—disobedience—striking—absence—breaking out—desertion.
- f. Repeated and aggravated offences.
- g. Open arrest.
- h. Close arrest.

## 2. Ship Husbandry and Part of Ship

- a. Instruction in duties of Messdeck party.
- b. Practical experience in parts of ship—
  - (1) scrubbing, chipping, painting,
  - (2) types of paints, mixing of paints,
  - (3) duties of Captain of Top,
  - (4) safety precautions when working part of ship.

## 3. Ships Organisation

- a. Watch and Station Bill.
- b. Quarter Bill.
- c. Messing.
- d. Victualling and checking.
- e. Attend Captains Requestmen and Defaulters.
- f. Attend First Lieutenants Requestmen and Defaulters.

## 4. Communications

- a. Flashing—day and night. 8 wpm standard to be achieved.
- b. Formal instruction—fleetwork.
- c. Voice procedure.

## 5. Navigation (3 Weeks)

- a. Passage and planning.
- b. Chartwork.
- c. Navigational aids.
- d. Tidal problems.
- e. Practical Astronomical fixing including—
  - (1) Sun—run—sun.
  - (2) Sun—run—Mer Alt.
  - (3) Moon, Stars and Planets.
- f. Layout of sights in workbook.
- g. Times of Sunrise and Sunset.
- h. Times of Moonrise and Moonset.
- j. Compass Errors by azimuth of heavenly bodies.
- k. Gyro Compasses.

- l. Conning and steering arrangements.
- m. Anchoring (Day and Night).
- n. Ringing instruments—station keeping.
- p. Relative velocity.
- q. Replenishment.
- r. Blind Pilotage and Anchorages.

## 6. AIO

- a. General introduction to AIO—lecture.
- b. Introduction to radar.
- c. ARL table controls and operation.
- d. Basic surface plotting—practical.
- e. Radar reporting—practical.
- f. Radar display controls.
- g. Relative velocity—practical calculation of CPAs and courses and speeds to avoid.

## 7. TAS

- a. Sonar fitted, principles of operation.
- b. A/S weapon fitted.
- c. Torpedo countermeasures.

## 8. Gunnery

- a. Armament fitted.
- b. Command and control orders.
- c. Lookout—routines.
- d. Ammunition, stowage and regulations.

## 9. Supply and Secretariat

- a. Ships Supply department.
- b. Naval Stores.
- c. Victualling Stores.
- d. Victualling and checking.
- e. Galley in operation.
- f. Menu preparation.
- g. Duties of Stewards.
- h. Pay and Accounting.
- j. Captains Office.

## SECTION 3—ENGINEERING

## 1. Marine Engineering

- a. Knowledge and sketches of boiler construction, including—
  - (1) Brickwork and furnaces.
  - (2) Registers.
  - (3) Mountings, etc.
- b. Trace and sketch steam systems.
- c. Gearing and shafting.
- d. Curves of performance.

- e. Follow simple Planned Maintenance routine from schedule to completion. Sight most common of Eng Dept forms and records.
- f. Evaporators—sketch required first, then—one doubled up watch.
- g. Turbo-generators—Sketch of steam and governor systems then—one doubled up watch required.
- h. Boiler flash up and shut down—Boiler watchkeeping.
- j. Engine room flash up—Warming through—Precautions—Engine room watch-keeping.
- k. Throttle watchkeeping—one doubled up watch (if possible when manoeuvring)—Precautions when opening and closing throttles.
- l. Explanation of possible breakdowns.
  - Burst tube drill.
  - Condensoritis.
  - Feed water contamination.
  - Lub oil contamination.
- m. Trace and sketch following systems—
  - Foremain.
  - Main suction.

*Note:* This syllabus must emphasise the practical side of Marine Engineering and the various machinery limitations of the ship.

## 2. Electrical Engineering

- a. Motors and generators.
- b. Distribution. Tree system.
- c. Damage Control. Normal and alternative supplies.
- d. Steering motors.
- e. Emergency equipment.
- f. Planned maintenance.
- g. Degaussing.

## SECTION 4—NBCD

- 1. a. NBCD organisation.
- b. NBCD states and conditions.
- c. De-contamination practice.
- d. WT integrity.
- e. Stability and pumping.
- f. Leak stopping and shoring.
- g. Portable pumps.
- h. Hand appliances and main appliances.
- j. Breathing apparatus.
- k. Location markings.
- l. Risk and control markings.

(DOA 303/201/50)

## Section 4

### EQUIPMENT, STORES AND SERVICING

#### UNCLASSIFIED

#### 127—Alteration and Addition Item—Daring Class Destroyers

The following Alteration and Addition item is approved to be carried out in HMA Ships DUCHESS, VAMPIRE and VENDETTA:

*Class List Item No 139 (Ex TDL 'AQ')*

- a. *Item:* To resite grenade ready use lockers on the quarterdeck—one locker to the left and one locker to the right of the squid magazine entrance door.
- b. *Reference:* HMAS DUCHESS Form AS 1182 TDL 'AQ' dated 16 June 1967, forwarded under cover of FOCAF Memorandum AF 1212/27/44 dated 3 July 1967.

(CNTS 1215/59/184)

#### UNCLASSIFIED

#### 128—Alteration and Addition Item—HMAS ANZAC

The following Alteration and Addition Item is approved to be carried out in HMAS ANZAC:

*Class List Item No 187 (Ex TDL 'AJ')*

- a. *Item:*
  - (1) To remove Magnetic Compass from ECP and resite on top of adjacent Aft Chart House, aft of existing Mushroom Top Vent.
  - (2) To remove Gyro Repeat from ECP and resite on top of Aft Chart House on a bracket secured to the Starboard side of existing MTV.
  - (3) To construct a single drawer metal chart table Starboard after corner on top of Aft Chart House.
  - (4) To remove TCB and two sound powered telephones from ECP and resite on top of Aft Chart House to Port of existing MTV.
  - (5) To remove redundant wheel, Telemotor Transmitter and Engine Room Telegraph from the ECP.
- b. Details of weight added are to be reported on completion of the item.
- c. *Reference:* HMAS ANZACs Form AS 1182 TDL 'AJ' dated 6 April 1967, forwarded under cover of FOCAF Memorandum AF 1212/6/7 dated 1 May 1967.

(CNTS 1215/53/206)

#### UNCLASSIFIED

#### 129—Alteration and Addition Item—HMAS MELBOURNE

The following Alteration and Addition Item is approved to be carried out in HMAS MELBOURNE:

*Class List Item No 217 (Ex TDL 'NMBS')*

- a. *Item:* To arrange superheated steam supply to FFO Heaters.
- b. Weight compensation is not required.

(CNTS 1213/52/674)

## UNCLASSIFIED

**130—Alteration and Addition Item—HMAS STUART**

The following Alteration and Addition Item is approved to be carried out in HMAS STUART:

*Class List Item No 350 (Ex TDL 'SR')*

- a. *Item:* To modify the exhaust ventilation system to the wardroom galley as follows:
- (1) existing 7½ in centrifugal fan to be replaced by a 10 in centrifugal fan;
  - (2) trunking to be resized and air flow restrictions at bends to be eliminated or reduced; and
  - (3) gauze filter to be replaced by a vokes filter.
- b. The item is not to be undertaken until the weight moratorium has been lifted.
- c. The item is not applicable to HMA Ships YARRA, PARRAMATTA and DERWENT.
- d. *References:* (1) HMAS STUARTs Form AS 1182 TDL 'SR' dated 18 August 1966, forwarded under cover of FOCAFs Memorandum AF 1212/52/4 of 30 August 1966.

- (2) Navy Office Memorandum 1224/73/223 dated 7 December 1966.
- (3) GMWD Memorandum 238/69/95 dated 29 March 1967.

(CNTS 1224/73/223)

## UNCLASSIFIED

**131—Alteration and Addition Item—HMAS SYDNEY**

The following Alteration and Addition Item is approved to be carried out in HMAS SYDNEY:

*Class List Item No 360 (Ex TDL 'V')*

- a. *Item:* To improve abeam fuelling at sea arrangements in accordance with Garden Island Drawing No 476/53 by cutting a 12 in diameter hole (fitted with portable plate) in the deck at 2K1 (FS 128 stbd) to allow fuelling messenger to be led to 3K1 motor boat winch. Eyeplate for lead block to be fitted near winch.
- b. *References:* (1) HMAS SYDNEYs Form AS 1182, TDL 'V' dated 30 September 1965, forwarded under cover of FOCAF Memorandum AF 1903/27 dated 1 November 1965.

- (2) Navy Office Memorandum 1213/53/142 dated 3 February 1966.
- (3) GMGID Memorandum N20/20/97 dated 18 May 1966.
- (4) HMAS SYDNEY Memorandum 12-4-1 dated 21 July 1966.
- (5) FOCAF Memorandum AF 1212/55/5 dated 26 October 1966.

(CNTS 1213/53/142)

## UNCLASSIFIED

**132—Alteration and Addition Item—Type 12 Destroyer Escorts**

The following Alteration and Addition Item is approved to be carried out in Type 12 Destroyer Escorts:

*Class List Item No 356 (Ex TDL 'NFET')*

- a. *Item:* To fit remote controls to the FD blower hand trip gear, operable from floor plates, generally in accordance with GMWD drawing No MAD-2-400. Components are to be made as light as practicable and surrender weight landed before modification is undertaken.
- b. Weight Compensation of 24 lb per ship is required.
- c. *References:* (1) HMAS PARRAMATTAs Form AS 2022, Serial No E19/64 dated 23 June 1964.

- (2) Navy Office Memorandum 1224/68/367 dated 20 July 1965. (Notal)
- (3) GMWD Memorandum 218/11/277 dated 20 April 1966. (Notal)

(CNTS 1224/68/367)

## UNCLASSIFIED

**133—Electrical and Electronic Test Equipment**

1. To enable an up to date record of current holdings of portable test equipment used in maintenance and repair of electrical and electronic equipment, all authorities, ships, establishments, armament depots, store depots and dockyards are to render a report of holdings upon receipt of documentation referred to below and thereafter annually on the 15 November.

2. Test rigs and special non-pattern instrumentation particular to dockyards/armament/store depots need not be included.

3. Dockyards are responsible for reporting equipment on issue to Contractors.

4. Nil reports are required.

5. To facilitate this task, an initial tick off list with covering instructions will be issued by the Director of Weapon and Electrical Engineering.

6. Reports are to be rendered to:

The Director of Weapon and Electrical Engineering,  
Navy Office,  
CANBERRA, ACT 2600

(ACMD 400/2/739)

## UNCLASSIFIED

**134—Logs, Speed—Electromagnetic—Rodmeters—Care in Use and Handling**

1. With the introduction of the Electro Magnetic Log into service, it is desired to stress the possibilities of damage to the retractable Rodmeter which forms part of the equipment. Failure to treat the Rodmeter with care when handling may well result in damage to the probe which will allow ingress of water, cause 'earthing' of the electrical components and failure of the system.



2. The Rodmeter consists largely of a hollow aluminium bronze section (up to approximately seven feet long according to ship) through which passes the cables to the probe, at the top (in-board) end of which is a Terminal Chamber and handles to assist in lifting. The bottom 13 in consists of a fibre glass envelope containing the sensing element which is 'potted' in Araldite within the envelope. The envelope is affixed to the aluminium bronze part of the Rodmeter with Araldite which material is so used to 'build-up' the envelope to the same dimensions as the rest of the Rodmeter. Araldite is a hardsetting material and the surface of the probe is polished to ensure reasonably long service and must not be chipped or cracked by careless handling or stowing. The joint between the metal tube and fibre glass could be disturbed by carelessness in lifting or inserting in the hull fitting.

3. Defect action is to be taken by ships fitted with Electro-Magnetic Rodmeters to have the following tally plate manufactured and fitted adjacent to the rodmeter:

Electro-magnetic Log Rodmeter

WARNING

Lowering

The utmost care is essential whilst lowering to avoid damage during passage through the restricted orifices.

Removal is essential to:

- Protect the probe using  $\frac{1}{2}$  in rubber jacket.
- Avoid dropping the Rodmeter.
- Use the aluminium bronze portion only to carry or lift and not the 'probe end'.

Danger

Rod power must be switched off before raising and removing Rodmeter.

4. Navy Order 71 of 1965 is hereby cancelled.

(DWE 400/2/336)

(Navy Order 71 of 1965)

UNCLASSIFIED

**135—Stores General (Group Class 0257)—Non-ferrous Fastenings—Change of Stock Numbers**

Navy Order 484 of 1967 is to be amended as follows:

a. **New Identification Number:**

Amend all references to 'Group Class 5330' to read 'Group Class 5320'.

b. **Approved Item Name:**

Amend all references to 'Rivet, Blind' to read 'Pin, Rivet'.

(DSAP 506/51/364)

(Navy Order 484 of 1967)

UNCLASSIFIED

**136—Stores General (Group Class 5960)—Electron Tubes and Associated Hardware—Change of Stock Numbers**

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Catalogue Number	Item Name	New Stock Number	
		Group Class	Catalogue Number
00-775-9074	Semi-conductor Device	5961	00-775-9074
00-087-6934	Transistor	5961	00-087-6934
00-809-1871	Transistor	5961	00-809-1871
00-810-3448	Transistor	5961	00-810-3448
00-583-4410	Transistor	5961	00-583-4410
00-623-3062	Transistor	5961	00-623-3062
00-820-6979	Transistor	5961	00-820-6979
00-752-0150	Transistor	5961	00-752-0150
00-739-8169	Semi-conductor Device	5961	00-739-8169
00-879-1942	Semi-conductor Device	5961	00-879-1942
00-018-1271	Semi-conductor Device	5961	00-018-1271
00-045-3146	Semi-conductor Device	5961	00-045-3146
00-054-6599	Semi-conductor Device	5961	00-054-6599
00-056-8216	Semi-conductor Device	5961	00-056-8216
00-057-3570	Semi-conductor Device	5961	00-057-3570
00-057-4831	Semi-conductor Device	5961	00-057-4831
00-057-5956	Semi-conductor Device	5961	00-057-5956
00-058-7549	Semi-conductor Device	5961	00-058-7549
00-060-0706	Retainer, Transistor	5961	00-060-0706
00-060-1641	Transistor	5961	00-060-1641
00-061-8239	Semi-conductor Device	5961	00-061-8239
00-062-0173	Semi-conductor Device	5961	00-062-0173
00-064-1424	Semi-conductor Device	5961	00-064-1424
00-065-9682	Semi-conductor Device	5961	00-065-9682
00-067-8080	Semi-conductor Device	5961	00-067-8080
00-081-2295	Semi-conductor Device	5961	00-081-2295
00-081-2324	Semi-conductor Device	5961	00-081-2324
00-081-6388	Transistor	5961	00-081-6388
00-081-6390	Semi-conductor Device	5961	00-081-6390
00-296-0526	Semi-conductor Device	5961	00-296-0526
00-303-8069	Holder Semi-conductor	5961	00-303-8069
00-446-4449	Semi-conductor Device	5961	00-446-4449
00-446-4451	Semi-conductor Device	5961	00-446-4451
00-501-1854	Semi-conductor Device	5961	00-501-1854
00-504-8723	Semi-conductor Device	5961	00-504-8723
00-542-7133	Semi-conductor Device	5961	00-542-7133
00-542-7291	Semi-conductor Device	5961	00-542-7291

Catalogue Number	Item Name	New Stock Number	
		Group Class	Catalogue Number
00-543-0376	Semi-conductor Device	5961	00-543-0376
00-543-0874	Semi-conductor Device	5961	00-543-0874
00-556-0908	Semi conductor Device	5961	00-556-0908
00-577-3075	Semi-conductor Device	5961	00-577-3075
00-577-3245	Transistor	5961	00-577-3245
00-577-6130	Semi-conductor Device	5961	00-577-6130
00-577-6214	Semi-conductor Device	5961	00-577-6214
00-581-5300	Semi-conductor Device	5961	00-581-5300
00-581-9817	Semi-conductor Device	5961	00-581-9817
00-583-1960	Semi-conductor Device	5961	00-583-1960
00-615-4827	Transistor	5961	00-615-4827
00-617-3179	Semi-conductor Device	5961	00-617-3179
00-617-3748	Semi-conductor Device	5961	00-617-3748
00-617-4342	Transistor	5961	00-617-4342
00-633-5281	Semi-conductor Device	5961	00-633-5281
00-661-0321	Semi-conductor Device	5961	00-661-0321
00-661-0381	Semi-conductor Device	5961	00-661-0381
00-677-6058	Semi-conductor Device	5961	00-677-6058
00-681-0234	Transistor	5961	00-681-0234
00-681-9508	Semi-conductor Device	5961	00-681-9508
00-683-4432	Semi-conductor Device	5961	00-683-4432
00-685-8897	Semi-conductor Device	5961	00-685-8897
00-686-8648	Transistor	5961	00-686-8648
00-688-9006	Transistor	5961	00-688-9006
00-704-6313	Transistor	5961	00-704-6313
00-712-3954	Semi-conductor Device	5961	00-712-3954
00-714-5124	Transistor	5961	00-714-5124
00-714-5127	Semi-conductor Device	5961	00-714-5127
00-714-5128	Semi-conductor Device	5961	00-714-5128
00-714-5134	Transistor	5961	00-714-5134
00-721-0175	Transistor	5961	00-721-0175
00-722-6848	Semi-conductor Device	5961	00-722-6848
00-728-3444	Semi-conductor Device	5961	00-728-3444
00-729-0893	Transistor	5961	00-729-0893
00-729-1149	Semi-conductor Device	5961	00-729-1149
00-729-3395	Transistor	5961	00-729-3395
00-729-5499	Semi-conductor Device	5961	00-729-5499
00-729-6973	Semi-conductor Device	5961	00-729-6973
00-751-9294	Semi-conductor Device	5961	00-729-9294
00-752-0280	Semi-conductor Device	5961	00-752-0280
00-752-6127	Semi-conductor Device	5961	00-752-6127

Catalogue Number	Item Name	New Stock Number	
		Group Class	Catalogue Number
00-752-6128	Semi-conductor Device	5961	00-752-6128
00-752-6129	Semi-conductor Device	5961	00-752-6129
00-752-6163	Semi-conductor Device	5961	00-752-6163
00-761-9131	Semi-conductor Device	5961	00-761-9131
00-773-7916	Transistor	5961	00-773-7916
00-775-8147	Radiator, Transistor	5961	00-775-8147
00-777-1084	Semi-conductor Device	5961	00-777-1084
00-783-0096	Transistor	5961	00-783-0096
00-783-5630	Semi-conductor Device	5961	00-783-5630
00-783-5652	Transistor	5961	00-783-5652
00-792-9929	Semi-conductor Device	5961	00-792-9929
00-799-3194	Semi-conductor Device	5961	00-799-3194
00-802-9472	Transistor	5961	00-802-9472
00-803-3083	Transistor	5961	00-803-3083
00-804-4827	Semi-conductor Device	5961	00-804-4827
00-805-7868	Semi-conductor Device	5961	00-805-7868
00-808-2021	Semi-conductor Device	5961	00-808-2021
00-809-9996	Semi-conductor Device	5961	00-809-9996
00-810-4572	Semi-conductor Device	5961	00-810-4572
00-811-8371	Transistor	5961	00-811-8371
00-812-3747	Semi-conductor Device	5961	00-812-3747
00-812-3749	Semi-conductor Device	5961	00-812-3749
00-813-1168	Semi-conductor Device	5961	00-813-1168
00-814-7853	Semi-conductor Device	5961	00-814-7853
00-815-8542	Semi-conductor Device	5961	00-815-8542
00-779-3241	Semi-conductor Device	5961	00-779-3241
00-808-8398	Transistor	5961	00-808-8398
00-624-3037	Semi-conductor Device	5961	00-624-3037
00-838-1142	Transistor	5961	00-838-1142
00-809-9046	Transistor	5961	00-809-9046
00-882-7242	Transistor	5961	00-882-7242
00-985-3709	Transistor	5961	00-985-3709
00-990-8530	Transistor	5961	00-990-8530
00-991-7274	Semi-conductor	5961	00-991-7274
00-990-9632	Semi-conductor	5961	00-990-9632
00-993-0705	Semi-conductor	5961	00-993-0705
00-993-7535	Semi-conductor	5961	00-993-7535
00-995-2199	Semi-conductor	5961	00-995-2199
00-995-5935	Semi-conductor	5961	00-995-5935
00-081-8365	Semi-conductor	5961	00-081-8365
00-543-0490	Semi-conductor	5961	00-543-0490
00-752-0180	Semi-conductor	5961	00-752-0180

Catalogue Number	Item Name	New Stock Number	
		Group Class	Catalogue Number
00-808-4741	Semi-conductor .. .. .	5961	00-808-4741
00-837-9286	Semi-conductor .. .. .	5961	00-837-9286
00-852-7549	Semi-conductor .. .. .	5961	00-852-7549
00-879-4617	Semi-conductor .. .. .	5961	00-879-4617
00-892-0688	Semi-conductor .. .. .	5961	00-892-0688
00-892-0898	Semi-conductor .. .. .	5961	00-892-0898
00-892-0919	Semi-conductor .. .. .	5961	00-892-0919
00-989-2882	Retainer, Transistor .. .. .	5961	00-989-2882
00-992-9555	Heatsink .. .. .	5961	00-992-9555
00-995-5367	Transistor .. .. .	5961	00-995-5367
00-853-6454	Transistor .. .. .	5961	00-853-6454
00-615-0367	Transistor .. .. .	5961	00-615-0367
00-752-0338	Transistor .. .. .	5961	00-752-0338
00-857-6133	Transistor .. .. .	5961	00-857-6133
00-056-2506	Transistor .. .. .	5961	00-577-6214
00-542-7308	Transistor .. .. .	5961	00-542-7308
00-081-2573	Semi-conductor Device .. .. .	5961	00-081-2573
00-806-2046	Semi-conductor Device .. .. .	5961	00-806-2046
00-702-3781	Semi-conductor Device .. .. .	5961	00-702-3781
00-752-5942	Semi-conductor Device .. .. .	5961	00-892-3473
00-805-7871	Semi-conductor Device .. .. .	5961	00-805-7871
00-284-6516	Semi-conductor Device .. .. .	5961	00-284-6516
00-577-6084	Semi-conductor Device .. .. .	5961	00-577-6084
00-608-0503	Semi-conductor Device .. .. .	5961	00-608-0503
00-284-6134	Semi-conductor Device .. .. .	5961	00-284-6134
00-646-4611	Semi-conductor Device .. .. .	5961	00-646-4611
00-194-9409	Semi-conductor Device .. .. .	5961	00-194-9409
00-220-6528	Semi-conductor Device .. .. .	5961	00-220-6528
00-262-0155	Semi-conductor Device .. .. .	5960	00-849-8845
00-262-0315	Semi-conductor Device .. .. .	5961	00-262-0315
00-269-1232	Holder, Photo-electric .. .. .	5961	00-269-1232
00-295-9821	Semi-conductor .. .. .	5961	00-295-9821
00-296-0159	Semi-conductor .. .. .	5961	00-296-0159
00-519-3872	Transistor .. .. .	5961	00-519-3872
00-538-1281	Semi-conductor Device .. .. .	5961	00-538-1281
00-557-6118	Semi-conductor Device .. .. .	5960	00-975-2175
00-572-4525	Semi-conductor Device .. .. .	5961	00-572-4525
00-581-9700	Semi-conductor Device .. .. .	5961	00-581-9700
00-617-5668	Semi-conductor Device .. .. .	5961	00-617-5668
00-712-3934	Semi-conductor Device .. .. .	5961	00-712-3934
00-752-5281	Transistor .. .. .	5961	00-752-5281
00-809-1870	Transistor .. .. .	5961	00-809-1870

Catalogue Number	Item Name	New Stock Number	
		Group Class	Catalogue Number
00-839-0080	Transistor .. .. .	5961	00-839-0080
00-849-4186	Semi-conductor .. .. .	5961	00-849-4186
00-542-7050	Transistor .. .. .	5961	00-542-7050
00-636-2223	Semi-conductor Device .. .. .	5961	00-636-2223
00-669-6884	Semi-conductor Device .. .. .	5961	00-669-6884
00-519-6977	Semi-conductor Device .. .. .	5961	00-519-6977
00-581-5300	Semi-conductor Device .. .. .	5961	00-581-5300
00-262-0150	Electron Tube .. .. .	5960	00-543-0219
00-681-9782	Electron Tube .. .. .	5960	00-686-8087
00-265-0573	Electron Tube .. .. .	5960	00-284-4352
00-807-5974	Antenna .. .. .	5820	00-807-5974
00-615-4902	Transistor .. .. .	5961	00-615-4902
00-850-5611	Semi-conductor Device .. .. .	5961	00-850-5611
00-847-5247	Semi-conductor Device .. .. .	5961	00-847-5247
00-821-2309	Semi-conductor Device .. .. .	5961	00-821-2309
00-526-1211	Shim .. .. .	5340	00-526-1211
00-845-6458	Semi-conductor Device .. .. .	5961	00-845-6458
00-879-7112	Semi-conductor Device .. .. .	5961	00-879-7112
00-739-8166	Semi-conductor Device .. .. .	5961	00-739-8166
00-816-3107	Semi-conductor Device .. .. .	5961	00-816-3107
00-577-6181	Semi-conductor Device .. .. .	5961	00-577-6181
00-804-9845	Semi-conductor Device .. .. .	5961	00-804-9845

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/54/331)

## RESTRICTED

### 137—US Naval Armament Stores—Defect Reporting

1. Attached as an Annex to this order is BUWEPS Instruction 8020.6B. Ships experiencing failures or defects in armament stores of US origin are to follow this instruction with the exception that messages are to be addressed to ACNB and Info to ANA Washington who will arrange distribution to the US Authorities concerned.

2. The USN defines 2T Items as those designated Navy owned items of conventional ammunition over which the US Navy Ships Parts Control Center, Mechanicsburg, Pennsylvania, exercises supply management:

- Bombs and Components
- Military Pyrotechnics
- Military Chemicals
- Depth Charges and Components

Demolition Material  
 Projector Charges  
 Surface Rockets and Components  
 Aircraft Rockets and Components  
 Cartridges and Cartridge Actuated Devices  
 Small Arms and Landing Force Ammunition  
 Gun Ammunition  
 Selected Mine Components

4T Items are those designated Navy owned items of conventional ammunition over which the Naval Ordnance or Naval Air Systems Command, Washington, DC, exercises supply management:

Torpedoes and Components  
 Underwater Sound Signals.

3. It is most important when completing Paragraph 2 of the message format to show the complete round lot number. Lot numbers of assembled rounds are stencilled on the projectile or cartridge case and comprise:

- a. two letters indicating type of ammunition eg ED;
- b. a group of numbers indicating the lot eg 7;
- c. a group of one, two or three letters indicating ammunition depot eg C; and
- d. two numbers indicating year of assembly eg 62.

Thus ED-7-C-62 indicates a 5"/54 calibre projectile Mk 41 Fuzed VT Lot Number 7, assembled at NAD Crane in 1962.

#### Annex

DEPARTMENT OF THE NAVY	BUWEPSINST 8020.6B
Bureau of Naval Weapons	NWSA
Washington, D.C. 20360	FAM-51
	8 February 1966

#### BUWEPS INSTRUCTION 8020.6B

From: Chief, Bureau of Naval Weapons.

To: All Ships and Stations (less Marine Corps field addressees not having Navy personnel attached).

Subj: Accidents, malfunctions and incidents involving non-nuclear explosive ordnance and material.

Ref: (a) US Navy Regulations  
 (b) NAVWEPS Ordnance Pamphlet 4 (OP 4) (NOTAL)  
 (c) NAVWEPS Ordnance Pamphlet 5 (OP 5) (NOTAL)  
 (d) USMC Technical Instruction TI-8010-15/1A (NOTAL)  
 (e) OPNAVINST 8110.16B (NOTAL)  
 (f) BUWEPSINST 5450.27

Encl: (1) Message Format  
 (2) Information Addressees

1. Purpose. To promulgate standard procedures for all naval activities in reporting occurrences of accidents, incidents, and unsatisfactory performance of non-nuclear explosive ordnance and material; and to provide for policies and responsibilities pertaining to subsequent corrective action.

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2. Cancellation. This Instruction supersedes and cancels BUWEPSINST 8020.6A of 8 March 1965.

3. Scope. This Instruction pertains to the requirement for reporting all accidents, incidents or malfunctions involving non-nuclear explosive ordnance or explosive material and the subsequent procedures related thereto. In this regard it implements the basic requirements contained in the references (a) through (c). US Marine Corps activities are exempt if reports are submitted in accordance with reference (d). Reference (e) provides the reporting procedures for nuclear accidents and incidents.

#### 4. Definitions

- a. Explosive Ordnance—All explosive loaded cartridges, projectiles, mines, depth charges, pyrotechnics, torpedoes, grenades, bombs, warheads (excluding nuclear), rocket motors, liquid rocket engines, explosive elements of ejection and aircrew escape systems, explosive components of missile systems; and assemblies, devices, and kits containing explosive material.
- b. Explosive Material—All military and commercial explosives, in the bulk or loose state, including formed but unassembled propellant grains. All separate or mixed chemicals used in or associated with the production of explosives or explosive ordnance, which may burn or explode. Included in this category is commercial or military dynamite.
- c. Explosive Accident—An accidental explosion or fire involving explosive ordnance or explosive material. This includes the inadvertent actuation, jettison, release or launching of explosive ordnance resulting in fire, and/or explosion and damage to property.
- d. Explosive incident—An occurrence which creates a potentially hazardous situation. Incidents include, but are not necessarily limited to:
  - (1) Human errors in processing, assembly, testing, loading, storing, transporting, handling, using or disposal of explosives.
  - (2) Unusual or unexpected occurrences, unnatural phenomena, unfavorable environments (ie, RADHAZ), or instances of equipment failure which may damage or affect safety and reliability of explosives.
  - (3) Loss or abandonment of explosives resulting in potential hazard to untrained personnel who may find the item.
  - (4) Misuse or unauthorized alteration of explosive ordnance.
- e. Malfunction—Malfunction is the term applied to an item of explosive ordnance when it is intentionally launched, actuated, or fired and fails to function in the manner for which designed. Malfunctions are considered major or minor as follows:
  - (1) Major Malfunction—Failure to function resulting in, or potentially capable of resulting in, personal injury and/or material casualty.
  - (2) Minor Malfunction—Failure to function which does not result in injury or casualty and for which the potential for injury or casualty is remote.
- f. Dangerously Defective—Explosive ordnance which, on visual examination or local test, is found to be capable of resulting in an accident or malfunction. Examples: ruptures of explosive containers exposing filler, protruding primers, partially armed fuzes, etc.

5. Discussion. US Naval explosive ordnance is designed with as high a degree of safety and reliability as can be humanly foreseen. Prior to release for service use, tests are conducted at all stages of the development. Fleet evaluation, and production. After availability in service, tests continue for safety and reliability to determine effects of aging in storage. As

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in any accident prevention program in order to improve safety and reliability of ordnance, ancillary equipment, and pertinent instructions, causes of accidents/malfunctions must be rapidly and accurately determined and immediate corrective action taken.

#### 6. Action

a. All Ships and Stations. All addressees experiencing accidents and incidents, or malfunctions as defined herein shall:

- (1) Discontinue the use of the item involved pending local inspection/interrogation and assessment of probable cause. Depending on degree of damage/casualties (accidents), degree of potential hazard (incident), the ability to attribute causes with some assurance, and operational necessity such as acceptance of calculated risk in combat emergency, usage may be resumed. Severe damage, casualties, potential hazard, inability to determine cause, and other factors prevailing should govern the decision to discontinue local use of the entire type of ordnance, either munition or equipment; or to suspend the specific lot involved, pending a complete technical evaluation and/or an on-site investigation by technically trained personnel.
- (2) Report all occurrences to BUWEPS and SPECC MECH with copies as indicated in enclosure (2). To insure that reports are complete and concise, the standard format of enclosure (1) should be used. Accidents, significant incidents, major malfunction, and dangerously defective items shall be reported by message within 24 hours. Speedletter may be used for minor malfunctions and any of the above where a lesser degree of urgency is evident. Amplifying information, when it becomes available, should be submitted by supplemental message or speedletter. When messages do not completely describe the occurrence, a followup written report with photographs shall be submitted. The criterion for message vs. letter reports is the degree of hazard and potential hazard which requires dissemination to other activities or special action to prevent recurrence. In this regard, preventive procedures depend on accurate and timely feed-in of data on Fleet experience; an unreported incident may result in a future accident under the same circumstances.

*Note:* In some cases, it may be difficult to determine whether a casualty or an unsatisfactory report in accordance with applicable directives or the report required by this Instruction should be submitted. When in doubt the casualty report and/or the unsatisfactory report *and* the report required by this Instruction should be submitted. This will insure that (1) appropriate routing is made to responsible activities and personnel, and (2) that data compilation on performance is as comprehensive as possible. It is further emphasized that all activities incurring incidents/accidents either during ordinary handling or as a result of misuse or abuse of explosive ordnance, report all instances.

- (3) Collect all available evidence. Because explosive accidents and major malfunctions are usually characterized by the destruction or loss of the offending item of ordnance, the difficulty in positive determination of causes is magnified. All fragments and remains of the item should be collected for examination and tests. Photographs of damages to equipment and area of occurrence, if practicable, are desirable. Instances have been noted where minor malfunctions or incidents have resulted in the unnecessary disposal of the ordnance item involved. In most cases, the hazard associated with an incident or minor malfunction is at the instant of occurrence or immediately

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thereafter. Accordingly, after an approved interval has passed, a misfire or minor malfunction should be suitably tagged, set aside and returned to the nearest issuing activity ashore for investigation and tests. Nothing in the above is to be construed as prohibiting the immediate disposal of an item which, in the opinion of the commanding officer, is considered to constitute a hazard.

b. Ships Parts Control Center (SPCC), Mechanicsburg. As inventory manager for 2T conventional ammunition and in accordance with delegated authority contained in reference (f), SPCC is responsible for the withdrawal from service use and removal from issuable stocks all items, segments, or lots of ammunition reported as involved in accidents, incidents, or malfunctions, as well as ammunition found to be defective. In order to standardise this procedure and to insure that a permanent record is maintained for changes in status, this responsibility is hereby extended to include 4T items, ie, mines, torpedoes, and all missiles. Nuclear items are not included. Accordingly SPCC will:

- (1) When directed by BUWEPS, issue all suspensions, restrictions, releases, and reclassifications to unserviceable by means of Notice of Ammunition Reclassification (Number Series NAR's) method.

*Note:* Depending on circumstances of overriding urgency, this Bureau or the Chief of Naval Operations may issue a suspension directive in which case SPCC will insure that proper dissemination occurs by retransmittal, if required, and will take action to include the suspension in the NAR system.

- (2) Maintain in current status a complete listing of all suspended, restricted, and permanently unserviceable items as a guide to users as well as for issuing activities.

*Note:* This listing, now contained in OD 17190, shall be a comprehensive and complete coverage of all items (including obsolete and out-of-stock items which may and occasionally do turn up).

- (3) Direct shipment of samples as requested by BUWEPS or appropriate test activity.
- (4) Based on actions initiated or directed by BUWEPS, follow up all cases of suspensions of ammunition to ultimate release or reclassification as permanently unserviceable. Followup will consist of queries to cognizant field activities assigned tasks for investigations or tests on malfunctioning ammunition.

c. Cognizant/Participating Field Activities. Since World War II, certain field activities have developed a high degree of proficiency in all aspects of design and in-service engineering in specialized fields. These have been designated Cognizant Field Activity (CFA) or Participating Field Activity (PFA). All CFA/PFA as listed in enclosure (2) are responsible for action as follows:

- (1) Upon receipt of report where a CFA/PFA item or specialty is the cause or suspected to be the cause of an accident, major malfunction, or suspected to be dangerously defective, automatic and unsolicited comments or recommendations on item suspension, test, on-site investigation, as appropriate, shall be forwarded to BUWEPS, with information copy to SPCC only, within 24 hours.

*Note:* Inasmuch as the decision for suspension or withdrawal from service use involves factors of available supplies and general Fleet readiness, information copies to SPCC only, is desired to avoid premature sentencing or release to use.

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- (2) Conduct tests or investigations as requested by BUWEPS for determination of a cause and for final resolution. In discharging this responsibility, the PFA shall be under the guidance of the CFA.
  - (3) When requested by BUWEPS, provide technically qualified investigative personnel for on-site inquiry and inspection of accident, malfunction, or defective items.
  - (4) For reported minor malfunctions or minor incidents, comments and/or recommendations are optional.
- d. BUWEPS Fleet Readiness Representatives (BUWEPSFLTREADREPLANT/PAC). As representatives of the Bureau of Naval Weapons, assist in the implementation of this Instruction. This Bureau has no desire to limit or discourage independent and additional effort in the resolution of any accident or malfunction; however, the total effort in this area must be co-ordinated and duplication kept to a minimum to avoid confusion and unnecessary interruption of Fleet operation. Information, recommendations, or suggested investigations are encouraged. These should be forwarded to the CFA/PFA for correlation with data or results from tests in progress. In addition, any proposed tests, modifications, or Fleet visits in connection with accident, incidents, or malfunctions will be cleared with CFA/PFA and BUWEPS to avoid duplication and Fleet disruption. In the area of direct assistance and/or Fleet visits when required, BUWEPSFLTREADREP personnel will act as representatives of CFA/PFA as well as representative of this Bureau.
- e. BUWEPS. Based on the nature and urgency of the original report and information on what effect withdrawal from service use will have on Fleet readiness as balanced against probability of effects and of recurrence, this Bureau will clear each reported instance and direct appropriate action. The Bureau will assist in the arrangement for test, shipment of samples when appropriate, and for support as required in the premises.

7. Report Symbol. Report Symbol BUWEPS 8020.1 has been assigned to the reporting requirement of this Instruction.

J. P. SAGER  
Assistant Chief for Fleet  
Readiness and Training

Distribution:  
SNDL Parts 1 and 2

Stocked:  
Supply & Fiscal Department (Code 514.32)  
US Naval Station, Washington, D.C. 20390

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Message Format

From: (Activity Submitting Report)

To: BUWEPS  
SPCC MECH

Info: CNO (Include CNO and designate Op-41 in message text for all accidents, incidents and malfunctions other than minor malfunctions)  
BUWEPSFLTREADREPLANT or BUWEPSFLTREADREPPAC (as appropriate)  
NWL DAHLGREN  
CHAIN OF COMMAND (as appropriate—indicate appropriate Service Force Commander)  
Appropriate Information Addressees from enclosure (2)  
\_\_\_\_\_ Report, Report Symbol BUWEPS 8020-1 (Insert Explosive Accident, Explosive Incident, Ordnance Malfunction, or Defective Ordnance, as appropriate, on subject line)

1. Complete Nomenclature of item including Mk and Mod and Logistic (DOD) Code or Federal Stock Number.
2. Complete Round Lot Number or serial No. (Include Fuze Lot No., if applicable.)
3. Description of occurrence including date, time, and place of the occurrence, identification of releasing aircraft, launching or firing equipment and conditions of release, launching etc.
4. Number and extent of casualties, (Specify military, civilian, contractor or other).
5. Descriptions of damage to equipment or property (Government or private).
6. Number involved out of total fired or being processed during the run, exercise or batch.
7. Weight of explosive involved—actual or estimated.
8. Number of rounds remaining on hand from the lot involved (include whether malfunctioned round or remaining fragments are available).
9. Describe any exposure to climatic or electromagnetic environmental conditions if applicable.
10. Comments as appropriate (Include cause, known or probable, effect on launcher or gun capability, adequacy of operating instructions and safety precautions, local action being taken to preclude recurrence, request for assistance, recommendations, etc).
11. Statement whether or not investigation will be conducted in accordance with the JAG Manual.
12. (As appropriate for inadvertently released or dropped rounds only) Statement whether round is recovered or recovery operations underway.

Enclosure (1)

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#### Mines, Depth Charges and Projector Charges

NAVMINENGRFAC Yorktown, Va. NOL White Oak, Md. NAVAVNSAFECEN Norfolk, Va. (Aerial Mines)	CO US Army Ammunition and Supply Agency, (SMUAP-R) Joliet, Ill. 60431 WPNSTA Yorktown, Va.
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#### Torpedoes

NAVUWSEC Newport, R.I. (CFA) NAVUWTRORDSTA Newport, R.I. (PFA) WPNSTA Yorktown, Va.	NAVAVNSAFECEN Norfolk, Va. (A/C Torpedoes only) NAVTORPSTA Keyport, Wash.
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#### Pyrotechnics Chemicals, Grenades

NAD Crane, Ind. (CFA) NOTS China Lake, Calif. (PFA-A/C Pyro only) NAVAVNSAFECEN Norfolk, Va. (A/C Pyro only)	CO US Army Ammunition and Supply Agency, (SMUAP-R) Joliet, Ill. 60431 NOL White Oak, Md. (Sub Surface Pyro only)
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#### Cartridges (and Rockets) for Actuated Devices

NWL Dahlgren, Va. (CFA) NAVPROPLT Indian Head, Md. (CFA- Rocket) NAVPROPLT Indian Head, Md. (PFA-Non- Rocket Cad) NOTS China Lake, Calif.	CO US Army Ammunition and Supply Agency, (SMUAP-R) Joliet, Ill. 60431 NAVAVNSAFECEN Norfolk, Va.
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#### JATO Units

NAVPROPLT Indian Head, Md. (CFA) NOTS China Lake, Calif. (PFA) NOL White Oak, Md. NAVAVNSAFECEN Norfolk, Va.	CO US Army Ammunition and Supply Agency, (SMUAP-R) Joliet, Ill. 60431
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#### Demolition Material

NAVEODFAC, Indian Head, Md.

#### Bulk Explosives

NAVPROPLT Indian Head, Md. (PFA- Propellant) NOL White Oak, Md.	CO US Army Ammunition and Supply Agency, (SMUAP-R) Joliet, Ill. 60431
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#### US Army (USMC) Weapons and Ammunition

COMDT US Marine Corps Wash., D.C. CG. US Army Material Command, (AMC- AD-SA) Wash., D.C.	CO US Army Ammunition and Supply Agency, (SMUAP-R) Joliet, Ill. 60431
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Enclosure (2)

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#### Information Addressees

##### Air Launched Missiles

NAVMISCEN Pt. Mugu, Calif. (CFA) NOTS China Lake, Calif. (PFA) FMSAEG Corona, Calif. (PFA) NWL Dahlgren, Va. (PFA)	NAVAVNSAFECEN Norfolk, Va. WPNSTA Yorktown, Va. NAVPROPLT Indian Head, Md.
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##### Surface Launched Missiles

NAVSHIPMISYSENGSTA Port Hueneme, Calif. (FA Ship Launched) NOL Corona, Calif. (CFA for fuzing Systems) NAD Crane, Ind. (PFA for fuzing Systems)	WPNSTA Yorktown, Va. (PFA for Warheads) NAVPROPLT Indian Head, Md. (CFA Motor Gas Generators)
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##### Bombs (Includes Free-Fall 'Eye' Weapons)

NAVMISCEN Pt. Mugu, Calif. (CFA) NOTS China Lake, Calif. (PFA) NOL White Oak, Md. NAVAVNSAFECEN Norfolk, Va.	WPNSTA Yorktown, Va. CO US Army Ammunition and Supply Agency, (SMUAP-R) Joliet, Ill. 60431
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##### Rockets

NAVMISCEN Pt. Mugu, Calif. (CFA Air Launched) NOTS China Lake, Calif. (PFA) NAVWPNSERVO Phila. (CFA Surface Launched) NOL White Oak, Md. WPNSTA Yorktown, Va.	CO US Army Ammunition and Supply Agency, (SMUAP-R) Joliet, Ill. 60431 NAVPROPLT Indian Head, Md. NAVAVNSAFECEN Norfolk, Va. (Air Launched)
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##### Gun Ammunition

NAVWPNSERVO Phila., Pa. (CFA) NAD Crane, Ind. (PFA) NOL White Oak, Md. (PFA) WPNSTA Concord, Calif. (PFA)	CO US Army Ammunition and Supply Agency, (SMUAP-R) Joliet, Ill. 60431 NAVAVNSAFECEN Norfolk, Va. (A/C Gun only)
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Enclosure (2)

(DNQA 735/252/6)

#### UNCLASSIFIED

##### 138—USN Supply System—Priorities for Issue of RAN Requirements

1. With the acquisition of US Type ships, aircraft and other equipments and the increasing involvement of the RAN in operations with the USN, the US Joint Chiefs of Staff have allocated priorities to the RAN for procurement from USN of stores not available in Australia.

2. The USN Priority System is known as the Uniform Materiel Movement and Issue Priority System (short title UMMIPS).

3. Under UMMIPS the priority of issue is determined by a combination of two basic factors:

- a. The operational importance of a force or activity (ie the demanding unit) in relation to others. This is called the Force/Activity Designator (short title FAD); and
- b. The urgency of the requirement to the demanding unit. This is called the Urgency of Need Designator (short title UND).

These two factors when related produce twenty priorities, numbered 01 to 20, and termed Issue Priority Designators (short title IPD). The IPD is selected by the authority demanding stores.

4. Details of Force/Activity Designators allocated to the RAN are shown in Confidential Navy Order 15 of 1968. Further details of the system are shown in the Annex to this order.

5. From the date of receipt of this order, ships and establishments demanding stores of US origin are to indicate on the demands the priority applicable so that this information can be included in signalled requests and/or procurement documents forwarded to the USA. The priority is to be shown in the special remarks block on demands, thus—IPDOI (or other number as applicable).

6. To ensure that the priority system is not abused, it is essential that proper control over the use of priority designations is exercised. To this end Commanding Officers are to delegate, in writing, authority to an officer to review and release demands assigned priority 06 and above.

7. A target date for the receipt of stores onboard may also be indicated on demands. Although every endeavour will be made to meet this date it must be appreciated that, if the subject stores are not held in Australia, protracted arrangements for supply through US agencies will be necessary and short target dates will not be met.

#### ANNEX

#### UNIFORM MATERIAL MOVEMENT AND ISSUE PRIORITY SYSTEM (UMMIPS)

##### 1. Force/Activity Designator (FAD)

- a. The military importance of the demanding unit is expressed in a priority sequence graded as in the undermentioned special scale known as the Force/Activity Designator (short title FAD):

Designator	Type of Force/Activity	Remarks
I	Combat	Not used at present in the RAN.
II	Positioned	Forces positioned and maintained in a state of readiness for immediate combat and direct combat support units.
III	Ready	Forces maintained in a state of readiness to deploy for combat and other activities essential to combat forces.
IV	Reserve and Support	Active and selected reserve forces planned for employment in support of approved war plans.
V	Others	All other units and activities, active and reserve.

##### 2. Urgency of Need Designator (UND)

- a. The degree of urgency of the required item within the demanding unit is also expressed in a priority sequence graded as follows:

- (1) *Unable to Perform*—emergency requirements for non available stores and equipment without which the demanding unit is unable to perform assigned missions or tasks. Includes items required by a parent ship or base or repair authority (including air station), without which stoppage of work on the primary weapons or equipment of other vessels, or aircraft would occur.
- (2) *Impairs Capability*—requirements for non available stores and equipment which impair the capability of the demanding unit. Tasks can be performed, but with decreased operational effectiveness and efficiency.
- (3) *Other than Routine*—stores and equipment needed on a more urgent basis than routine, eg,
  - (a) Stores required to make ready for sea equipment or systems not essential to the operational effectiveness of the ship.
  - (b) Deficiencies in established allowances, including, for commissioned ships and establishments, deficiencies in the first outfits.
- (4) Routine replenishments and for new ships and establishments, initial outfits.

- b. This grading is known as the Urgency of Need Designator (short title UND) and is to be determined by the demanding unit.

##### 3. Issue Priority Designator (IPD)

The issuing priority sequence of an item required is calculated by the demanding unit relating the Force/Activity Designator (FAD) to the Urgency of Need Designator (UND) in the following format. The resultant number is known as the Issue Priority Designator (short title IPD):

Table for Calculating Issue Priority Designators (IPD)

Urgency of Need Designator (UND)	Force/Activity Designator (FAD)				
	I	II	III	IV	V
	Issue Priority Designators (IPD)				
A	01	02	03	07	08
B	04	05	06	09	10
C	11	12	13	14	15
D	16	17	18	19	20

(DSAP 501/251/9)

(Confidential Navy Order 15 of 1968)



# RESTRICTED

SECRET

SECRET

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No.	Date	Description	Amount	Total
11	11	...	...	...
12	12	...	...	...

[Faint, illegible text below the table.]

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# RESTRICTED

RESTRICTED

ANO's 139-155/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
20 March 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY

RESTRICTED

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139	Australian Services Representation Overseas.
140	Introduction of EDP into Personnel Administration in the RAN—Checking of Officers Personnel Census Forms.
141	Naval Safety—Wearing of Nylon Clothing.
<b>SECTION 2—PERSONNEL</b>	
142	Rank and Command—Exercise of Command by the Captain and by other Officers on his Behalf.
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<b>SECTION 4—EQUIPMENT, STORES AND SERVICING</b>	
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150	Alteration and Addition Item—HMAS QUEENBOROUGH.
151	Alteration and Addition Item—HMAS SYDNEY.
152	Alteration and Addition Item—Type 12 Destroyer Escorts.
153	AMF Local Purchase Delegation for Non-scale Consumable Dental Stores.
154	Stores (General)—ABR 5074 RAN Catalogue of Stores.
<b>SECTION 6—ESTABLISHMENTS</b>	
155	Fire Precautions—Fixed Infra-red Heaters.

## Section 1

### ADMINISTRATIVE AND GENERAL

#### RESTRICTED

#### 139—Australian Services Representation Overseas

Navy Order 48 of 1967 is to be amended as follows:

##### Appendix A—Australian Services Attaches and Advisers Overseas:

- a. Burma:  
*delete* 'Colonel N. R. McLeod' and  
*insert* 'Group Captain J. H. D. Blackwell'.
- b. India:  
*delete* 'Group Captain E. T. Pickerd, OBE, DFC' and  
*insert* 'Captain L. J. McInerney, RAN'.
- c. Indonesia:  
*delete* 'Captain F. T. Sherborne, RAN' and  
*insert* 'Captain W. J. Lovell, RAN'.
- d. Japan:  
*delete* existing entry and *insert* the following in lieu:  
'Captain B. S. Murray, RAN,  
Services Attache,  
Australian Embassy,  
1-14, Mita 2 chome,  
Minato-ku,  
TOKYO, JAPAN.'
- e. Thailand:  
*delete* 'Colonel J. G. Ochiltree, OBE' and  
*insert* 'Colonel D. H. Crompton, OBE'.
- f. United Kingdom:  
*delete* 'Commodore D. N. D. Smyth, RAN' and  
*insert* 'Commodore R. A. H. Millar, RAN'.

(DNI 22/201/67)

(Navy Order 48 of 1967)

#### UNCLASSIFIED

#### 140—Introduction of EDP into Personnel Administration in the RAN— Checking of Officers Personnel Census Forms

1. Navy Order 464 of 1967, which contained instructions for rendering Personnel Census Forms, stated that officers would only be required to complete Lines 1-11 and 16, the remaining mandatory information being supplied by the Naval Personnel Branch from officers personal records after the Census Forms had been returned to Navy Office.

2. While Census Forms in respect of sailors completed in HMA ships and establishments are checked against the Certificates of Service and a further check is made by a comparison against Navy Office records, a similar method of checking officers Census Forms is not possible.

3. It is undesirable that Census Forms should leave Navy Office once they have been completed, as these forms become the basic authority from which EDP records are created. In respect of officers, it is intended that the first Service Record print out from the computer will be forwarded to HMA ships and establishments for checking by each individual officer. Any errors detected are to be amended in red ink and the forms returned to Navy Office as soon as possible.

4. It should be noted that not all of the information recorded on the EDP Census Form will appear on the Service Record printout, eg, details of foreign decorations awarded, details of court martial convictions, etc, whilst on the other hand the print-out will contain certain information not recorded on the Census Form such as furlough details, academic qualifications, dates of passing Destroyer Command, etc.

(AS (EDP) 178/1/120)

(Navy Order 464 of 1967)

## UNCLASSIFIED

### 141—Naval Safety—Wearing of Nylon Clothing

1. Although specific instructions prohibiting the wearing of nylon clothing next to the skin have been issued to aircrew, the availability of nylon or terylene clothing makes it necessary to warn all personnel of the burn hazard associated with wearing clothing of this nature.

2. Serious injuries have resulted when this man-made fibre is worn next to the skin and the subject is exposed to excessive heat, both directly or indirectly or to direct electrical discharge.

3. Nylon burns are not the prerogative of aircrew. A senior electrical maintenance sailor received serious injuries when his nylon socks melted on his receiving an electric shock, the nylon burn damage proving far more serious than the shock.

4. The attention of all personnel is drawn to this hazard.

5. This order will be reprinted for posting on notice boards.

(CONS 177/1/53)

## Section 2 PERSONNEL

## UNCLASSIFIED

### 142—Rank and Command—Exercise of Command by the Captain and by other Officers on his Behalf

1. The provisions of RI Articles 0235, 0306, 0323 and 2908 are hereby superseded by the instructions set out in the Annex to this order.

2. The corresponding numbers of the superseded articles and the new articles are as follows:

Old Article	New Article
0235	0235
0306	0235B
0323	0235C
2908	0235A

3. RI is to be noted and will be amended in due course.

## ANNEX

0235. **Command when the Captain is sick or absent.** Command is vested in the Captain by the Naval Board. The Captain cannot by a unilateral voluntary act relinquish that command. If he has ceased to exercise command because of:

- his death; or
- an injury or illness which incapacitates him for a period the extent of which causes the operations or the business of the ship to suffer through the Captain's inability to conduct them; or
- his removal from command by sentence of court martial; or
- his absence from the ship for any reason for a period of more than seventy-two hours;

the Naval Board, his administrative authority and the local Flag or Naval Officer-in-Charge, are to be informed immediately by signal. In these circumstances, or when the Captain is removed from command under Article 0235B, the officer next in command (0234) is to assume the powers and duties as though he had himself been posted in command. The officer next in command has full powers of punishment as the Captain but *see* Article 1928 on approval required for warrant punishments by an officer in command below the rank of Commander.

2. When the Captain, without having ceased to exercise command, is absent, the officer next in command is responsible for everything done on board. He is to act as Commanding Officer for the time being and is to assume the powers necessary to carry out this duty; these do not include the Captain's powers of punishment.

3. When the officer succeeding to the command is not the Executive Officer, he is not to take upon himself the routine duties of the Executive Officer except by order of the Captain or in case of necessity.

4. If the Captain and the officer posted as Executive Officer have both ceased to exercise command, the officer on whom the command devolves may direct any suitable officer to act as Executive Officer and may delegate to him powers of punishment not exceeding those appropriate to his rank under article 1932. Any powers of punishment already delegated by the Captain remain effective unless the Commanding Officer directs otherwise. An officer nominated to act as Executive Officer under this clause retains his normal position in the line of command and has not the status of the 'officer posted as Executive Officer' (0234 and 0239).

5. Instructions about the issue of temporary postings in command are given in article 0235C.

0235A. **Exercise of command at sea.** The Captain, in exercising command at sea, is responsible for the safe conduct of the ship.

2. The Captain may, by reason of a temporary incapacity, ie, an incapacity short of those listed in 0235 (1), delegate this responsibility to another officer (eg, the Executive Officer). Should he do so, all officers (including the Officer of the Watch) are to report to, and take directions from, this officer in all matters relating to the safe conduct of the ship as though he were the Captain.

3. The Senior Officer present and all ships in company are to be informed by signal if action is taken as described in clause 2. An entry is to be inserted in the deck log signed by the Captain at the time he delegates responsibility for the safe conduct of the ship and at the time he cancels his delegation.

0235B. **Removal of Captain.** The Captain of a ship or establishment is not to be removed by any superior officer from the command to which he has been properly appointed, except in circumstances rendering his removal essential, which are to be reported to the Naval Board with as little delay as possible.

0235C. **Temporary posting in command.** Before an officer in temporary command of a commissioned ship can receive command money under the conditions contained in ABR 5020 *Naval Pay Instructions*, he must be formally posted in command by the Naval Board.

2. Such a posting will not normally be issued unless:

- a. the ship proceeds to sea and the period of temporary command is not less than seven days; or
- b. if the ship does not proceed to sea, the period of temporary command is not less than thirty days.

3. If the Executive Officer is given a temporary posting in command, another officer will usually at the same time be given a temporary posting as the Executive Officer.

(CNS 1288/201/46)

## UNCLASSIFIED

### 143—Ships Sporting Colours

Navy Order 253 of 1966 is to be amended as follows:

#### Appendix: add

Ship/Establishment	Jumper	Socks
OTWAY	Black with broad white vee	Black with white tops

(DPS 138/6/31)

(Navy Order 253 of 1966)

## UNCLASSIFIED

### 144—Uniform Clothing—WRANS and RANNS Officers—Evening Dress

1. An evening dress has been introduced for optional wear by WRANS and RANNS officers. Details are as follows:

- a. full length evening dress in navy blue grosgrain material; classic style; sleeveless; neck line boat shaped at the front with deeper V-shape at back;
- b. bolero of same material lined with white satin, waist length, three-quarter length sleeves. Either a high fastening roll collar or open-necked revers, at the option of the wearer;
- c. brooch, evening dress, to indicate Service and rank, on the left side of the bolero or on the left side of the dress, when the bolero is not worn. The brooch, width at the widest  $1\frac{1}{2}$  in, is a miniature of the RAN officers cap badge, with plain horizontal bars, corresponding to the wearers rank stripes, attached immediately below it and forming part of the brooch. The bars are 1 in wide, 0.2 in deep, 0.1 in apart for two or more. The brooch is in silver metal, and the bars, in blue enamel for WRANS officers, and scarlet enamel for RANNS officers, are on a silver metal background;
- d. orders, decorations and medals will be worn on the bolero only.

2. Plain court shoes in black, or matching blue material, are to be worn with this dress. A small plain black, or matching blue evening bag may be carried.

3. Copies of the technical description, and sketches of the dress, are available, on loan, on application to the Superintending Victualling Store Officer, Royal Edward Victualling Yard, Sydney, and the prototype dress is available, on loan, on application to the Director of WRANS, Navy Office, Canberra.

4. The cloth, rayon, grosgrain, and brooches are available on demand from the Superintending Victualling Store Officer, Royal Edward Victualling Yard, Sydney. The following issuing prices are applicable, and the Clothing Price List is to be noted accordingly:

Catalogue No	Item	Issuing Price \$
10488	Cloth, rayon, grosgrain, navy blue .. ..	1.72 per yard
67328	Brooch, evening dress, WRANS—3 bar, Chief Officer	8.16 each
67329	Brooch, evening dress, WRANS—2½ bar, 1st Officer	
67332	Brooch, evening dress, RANNS—3 bar, Matron	
67333	Brooch, evening dress, RANNS—2½ bar, Superintending Sister	7.55 each
67330	Brooch, evening dress, WRANS—2 bar, 2nd Officer	
67331	Brooch, evening dress, WRANS—1 bar, 3rd Officer	
67334	Brooch, evening dress, RANNS—2 bar, Senior Sister	
67335	Brooch, evening dress, RANNS—1 bar, Sister	

5. The approximate quantities of materials are required:

Material	Yardage per Dress
Cloth, rayon, grosgrain .. ..	6½
Cotton organdy .. ..	3
Sanforised cotton .. ..	1½
White satin .. ..	1½
Tape .. ..	2
Petersham .. ..	1
Zipper, 20 in .. ..	—
<i>Petticoat</i>	
Vilene .. ..	1½
Taffeta .. ..	3½

Not available from Service sources.

(D of V 917/100/171)

## Section 3

## OPERATIONAL AND TRAINING

## RESTRICTED

## 145—Common Sea Training

1. In November 1967, owing to the expected shortage of sea billets in 1968 occasioned by the forthcoming refit of HMAS MELBOURNE and the extended requirement for HMAS SYDNEY in the trooping role, the Naval Board approved a reduction in the length of Common Sea Training for Ordinary Seamen as a first step in alleviating this situation. Further measures were stated to be under consideration at that time and the Naval Board has now decided that the following policy will apply.

## Policy

2. With effect from 15 April 1968, sailors who complete recruit training and are categorised FAA, Communications, and the Supply and Secretariat (except Writers) will be posted direct from recruit training to training establishments for Able Rank courses and then as follows:

- a. Fleet Air Arm sailors will be posted to squadrons at HMAS ALBATROSS or in HMAS SYDNEY;
- b. Communication branch sailors will be posted to complement billets within 18 months of entry;
- c. Supply and Secretariat branch sailors (except Writers) will be posted to complement sea billets within 18 months of entry. This policy is a temporary measure only and can be expected to continue until additional sea billets become available.

## Considerations

3. In arriving at the above policy, the Naval Board was guided by the following considerations:

- a. *Fleet Air Arm categories.* Under previous rules, FAA ORDS (various) were limited to serving in HMAS MELBOURNE and thus with her withdrawal no suitable ship is available in 1968-early 1969. It was considered that service in HMAS ALBATROSS in second line and front line squadrons would be the most beneficial employment for these sailors. Such employment together with PCT/PWT should fit them adequately for service in HMAS MELBOURNE when she completes her major refit.
- b. *Communication categories.* The duties carried out both ashore and afloat are similar for many communication sailors. The lack of sea time initially should not prove to be of any significant disadvantage professionally. Posting direct to sea from Able Ranks courses should assist in some measure in overcoming shortages.
- c. *Supply and Secretariat categories (except Writers).* The duties carried out by Supply and Secretariat categories are similar ashore and afloat and lack of sea time initially should not prove to be of any significant disadvantage professionally. Because of the lack of sea billets for Writers, suspension of Common Sea Training for this category was not considered acceptable since this could have resulted in producing relatively senior sailors who had not been to sea.

## Accommodation

4. Because of the loss of billets in sea-going ships, accommodation in shore establishments will be at a premium, but special posting arrangements have been made and additional accommodation is being provided at HMAS CERBERUS.

## Recruiting

5. Recruiting Officers have been instructed to advise all applicants that, in general, recruits will proceed to sea after 12 weeks training, but some categories may not go to sea until completion of further basic training.

## Time Gained

6. To prevent any disparity in promotion prospects, sailors posted to shore establishments are to have their service documents noted 'Exempt Common Sea Training'. Time normally gained for Common Sea Training is to be awarded in accordance with results on the Able Ranks course as shown in the following table:

Grade of Pass	Time Gained from Able Rank Course	Equivalent additional Time Gained to be Awarded to those Exempt Common Sea Training
<b>a. General</b>		
VG (81-100 per cent)	.. 2 Months	1 Month
Good (65-80.9 per cent)	.. 1 Month	½ Month
Fair (50-64.9 per cent)	.. Nil	Nil
<b>b. Communication Sailors</b>		
VG (70-100 per cent)	.. 2 Months	1 Month
Good (60-69.9 per cent)	.. 1 Month	½ Month
Fair (50-59.9 per cent)	.. Nil	Nil

This will ensure that these sailors are not placed at a disadvantage when compared with those sailors who carry out Common Sea Training.

## Reporting Procedures

7. Results of Able Ranks courses are to be reported in the same manner for sailors who have completed or who have not completed Common Sea Training, but the time gained reported on Form PE 5—Course or Test Results—is to be adjusted in accordance with the above table.

## Pay/Promotion

8. Under current regulations sailors are re-designated Able Rank Second Class on successful completion of the Able Ranks Course. This procedure is to continue for sailors exempt Common Sea Training. Although this will result in some of these sailors on the shorter courses becoming Second Class Able Ranks before their contemporaries, this will make no difference in the promotion prospects of the two types of sailors. There is no difference in pay between the Second Class Able Rank and the ORD.

## Review

9. It is intended to keep these arrangements under constant review and to re-consider the matter not later than 31 January 1969.

(DMT 303/221/66)

## RESTRICTED

**146—Officers Course Programme 1968**

1. Navy Order 555 of 1967 is to be amended as follows:

**Appendix:**

*amend* to include the following courses:

Strategic Intelligence	901521	24 June to 19 July
Security .. .. .	901528	8 April to 9 April
		8 July to 9 July
		7 October to 8 October

2. The Military Intelligence Centre, originally at Mosman, has now been re-established at Woodside, South Australia.

(DOA 312/203/146)

(Navy Order 555 of 1967)

**Section 4****EQUIPMENT, STORES AND SERVICING**

## UNCLASSIFIED

**147—Alteration and Addition Item—HMAS ANZAC**

The following Alteration and Addition Item is approved to be carried out in HMAS ANZAC:

*Class List Item No 186 (Ex TDL 'AL')*.

- a. *Item:*
- (1) To resite Ax Bathythermograph winch one foot inboard and one foot forward.
  - (2) To remove existing single block outrigger and replace by a two block outrigger generally in accordance with Navy Office Drawing 209/424 Type 12 DEs Bathythermograph Equipment.
- b. *Reference:* HMAS ANZACs Form AS 1182 TDL 'AL' undated forwarded under cover of FOCAF Memorandum 1212/6/8 dated 24 May 1967.

(CNTS 1215/53/207)

## UNCLASSIFIED

**148—Alteration and Addition Item—HMAS DIAMANTINA**

The following Alteration and Addition Item is approved to be carried out in HMAS DIAMANTINA:

*Class List Item No 642 (Ex TDL 'DD')*.

- a. *Item:* To widen the minesweeping winch canopy by three feet port and starboard.
- b. Weight variation is to be reported on completion of the item.

- c. *References:* (1) HMAS DIAMANTINAs Form AS 1182 TDL 'DD' dated 4 June 1967 forwarded under cover of NOIC WA Memorandum 56/8/33 dated 26 June 1967.
- (2) Navy Office Memorandum 1224/56/190 dated 17 September 1967.
- (3) HMAS DIAMANTINAs Memorandum dated 27 November 1967, forwarded under cover of NOIC WA Memorandum 56/8/33 dated 12 December 1967.

(CNTS 1224/56/190)

## UNCLASSIFIED

**149—Alteration and Addition Item—HMAS MELBOURNE**

The following Alteration and Addition Item is approved to be carried out in HMAS MELBOURNE:

*Class List Item No 216 (Ex TDL 'NMBU')*.

- a. *Item:* To replace worn and outdated galley equipment with commercial type units generally in accordance with proposals submitted under cover of AF 1213/52/21 dated 26 July 1966.
- b. *References:* (1) HMAS MELBOURNEs Memorandum 00101/5 dated 4 June 1966 forwarded under cover of FOCAF Memorandum AF 1213/52/21 dated 26 July 1966.
- (2) Navy Office Memorandum 1213/252/225 dated 16 June 1967.
- (3) FOCAF Memoranda AF 1213/52/21 dated 25 July and 26 October 1967.

(CNTS 1213/252/225)

## RESTRICTED

**150—Alteration and Addition Item—HMAS QUEENBOROUGH**

The following Alteration and Addition Item is approved to be carried out in HMAS QUEENBOROUGH:

*Class List Item No 597 (Ex TDL 'NQAZ')*.

- a. *Item:* To replace existing lamp and fuse testing arrangements in the electrical workshop by the fitting of lamp and test panel, AP 221420.
- b. *Reference:* DCI 'A' Series No 'A' 21/66, Item No 579 for A/S Frigates (Type 15).

(CNTS 1224/264/25)

## UNCLASSIFIED

**151—Alteration and Addition Item—HMAS SYDNEY**

The following Alteration and Addition Item is approved to be carried out in HMAS SYDNEY:

*Class List Item No 349 (Ex TDL 'AC')*.

- a. *Item:* To increase flexibility of fuelling abeam arrangements generally in accordance with Navy Office Drawing No 2051404 by:
- a. fitting a heavy jackstay stump mast abaft the starboard crane; and
  - b. fitting a seven inch isolating sluice valve in 4G Bakery flour store geared to be operated from 3G fuelling position.

(CNTS 1213/53/170)

## UNCLASSIFIED

**152—Alteration and Addition Item—Type 12 Destroyer Escorts**

The following Alteration and Addition Item is approved to be carried out in Type 12 Destroyer Escorts:

*Class List Item No 344 (Ex TDL 'NFDH').*

- a. *Item:* Modifications to sonar telling lines in SCR so that sonar information from all sets can be passed to one or both trackers in operations room. This modification can be carried out by linking line D87 and D88 into a change over switch Pattern No 17905A at the 177 operators position.
- b. Weight compensation of 15 lb at 1 Deck or above or 64 lb at 2 Deck is required to be surrendered prior to commencement of the item.
- c. *References:* (1) HMAS YARRAs Form AS 1182 TDL 'NFDH' dated 22 February 1966, forwarded under cover of FOCAF Memorandum AF 1923/126 dated 16 March 1966.  
(2) Navy Office Memorandum 1224/67/364 dated 4 April 1966.  
(3) FOCAF Memorandum AF 1944/1 dated 4 January 1966.

(CNTS 1224/251/634)

## UNCLASSIFIED

**153—AMF Local Purchase Delegation for Non-scale Consumable Dental Stores**

1. In order to provide the RAN with the facility for direct local purchase of minor consumable dental stores not normally stocked by AMF Base Medical and Dental Stores Depots, the Minister for the Army has granted the following delegations to approve expenditure:

## RAN

Senior Dental Officer—HMAS CERBERUS .. .. .	\$20.00
Senior Dental Officer—HMAS KUTTABUL .. .. .	\$20.00

## RAAF

*Senior Dental Officer—RAAF Base, Fairbairn, ACT .. .. .	\$20.00
*Senior Dental Officer—RAAF Base, Darwin, NT .. .. .	\$20.00

*Note:* \*The Dental Officer will also purchase minor dental requirements for the RAN in this area.

2. Senior Dental Officer, HMAS CERBERUS, is to exercise his delegation to provide this facility for HMAS LONSDALE or HMA ships when in the Port of Melbourne.

3. Senior Dental Officer, HMAS KUTTABUL, as Command Dental Officer, is to exercise his delegation to provide this facility for HMAS TARANGAU, CRESWELL, establishments in NSW and HMA ships in the Port of Sydney.

4. Dental Officers, HMAS HARMAN and MELVILLE, are to contact the respective Senior Dental Officers in the RAAF bases shown in Paragraph 1, who will purchase this type of requirement on their behalf.

5. Stores obtained in this manner are to be placed into direct use and not brought to charge. This facility is not to be used as an alternative method of obtaining routine dental stores available through the normal demanding procedures.

**Financial Arrangements**

6. The Director of Dental Services (Army) will make an initial allocation of \$100.00 in each case to the Command Paymaster concerned who will raise Financial Certificates for the amount.

7. Claims for payment subsequently received will be debited against the certificate until funds are exhausted. Delegates are therefore to maintain a Progress Local Purchase Book to ensure that funds are not over committed.

8. Should additional funds be necessary, application is to be made to the Director of Dental Services, AHQ, Albert Park Barracks, Melbourne, Victoria 3004, stating current balance and likely requirements to 30 June.

9. The paying authorities responsible for the processing of orders and claims are as follows:

Command Paymaster—HMAS KUTTABUL  
Eastern Command  
Victoria Barracks  
SYDNEY, NSW 2021  
Command Paymaster—HMAS CERBERUS  
Southern Command  
Victoria Barracks  
MELBOURNE, Vic 3004.

**Method**

10. The form to be used for ordering purposes is AMF Form AAF 59—Order for Supplies—which is an accountable form and pre-numbered.

11. Demands (AMF Form AFG 982E) are to be raised for Forms AAF 59 which are available from the respective AMF Command Base Ordnance Depots (BODs) and forwarded through the Assistant Director of Ordnance Services (ADOS) in Eastern or Southern Commands as appropriate for prior approval.

12. Form AAF 59 is supplied in pads of 50 in triplicate and is prepared and distributed as follows:

<i>Original</i> ..	to contractor together with a blank claim form—NA 4.
<i>Duplicate</i> ..	to be held by ordering officer until the contractors claim is received, then attached with the invoice to the claim and forwarded to the relevant Command Paymaster with acknowledgement of receipt in the appropriate box on the claim form.
<i>Triplicate</i> ..	ships copy file.
<i>Quadruplicate</i> ..	to be forwarded monthly to the Director of Dental Services, AHQ, Albert Park Barracks, Melbourne, Victoria 3004. (See Paragraph 13.)

13. To maintain a record of purchases and possible inclusion in the range of stores to be stocked by the AMF a flimsy white copy of all orders placed is required. The quadruplicate copy referred to in Paragraph 12 will therefore be obtained by inserting an extra carbon and blank white paper.

14. ABR 4, Naval Storekeeping Manual, Chapter 34, will be amended.

(MDG 2/51/73)



**RESTRICTED**

154

14

UNCLASSIFIED

**154—Stores (General)—ABR 5074 RAN Catalogue of Stores**

1. Further to Navy Orders 279 and 463 of 1967 the covers, complete with spines, for the above publication have been codified to the Defence Cataloguing System and allotted the following Stock Number:

<i>Group Class</i>	<i>Catalogue Number</i>	<i>Description</i>
7510	66-026-4923	Binder, Loose Leaf; complete with separable closed back.

and are available on demand from SVSO REVY Jones Bay Road, Pyrmont, NSW 2009.

2. The following Group Classes of ABR 5074 have been distributed and the relevant Class Groups of BR 810, BR 320D and RAN Supplement to BR 810 are hereby declared obsolete in HMA ships and establishments and should be disposed of in accordance with ABR 4 Article 2513. BR 320B should be retained for reference for pricing purposes:

0212, 0214, 0216, 0223, 0232, 0241 0244, 0245, 0246, 0248, 0261, 0262, 0265, 0271, 0273, 0276, 0282, 0283, 0284, 0350, 0433, 0434, 0443, 0461, 0475 and 0731.

(DSAP 465/52/1292)

(Navy Orders 279 and 463 of 1967)

**Section 6**

**ESTABLISHMENTS**

UNCLASSIFIED

**155—Fire Precautions—Fixed Infra-red Heaters**

1. It has been noted that during the warmer weather when wall mounted infra-red heaters are not in use, there is a tendency for filing cabinets and other pieces of furniture to be placed directly beneath these heaters.

2. Furthermore the top surfaces of such filing cabinets, etc, are utilised to accommodate stationery materials, drawings and other combustible materials.

3. Should such heaters be switched on, accidentally or otherwise, the presence of the combustibles would present a serious fire hazard. Accordingly no furniture or similar objects are to be so placed as to present a surface area that would be within three feet of any direction of the immediate front of the element of an infra-red heater.

4. Attention is also drawn to the close proximity of some curtain drapes to installed infra-red heaters, and account should be taken of the pivotal movement possible with some heaters, and also the movement of curtain drapes by the breeze when windows are open, since either of these circumstances can create a serious hazard.

(DNW 1446/1/27)

By Authority: A. J. ARTHUR, Commonwealth Government Printer, Canberra

**RESTRICTED**

ANO's 156-166/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
8 April 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*Handau.*

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY

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## Section 1

### ADMINISTRATIVE AND GENERAL

UNCLASSIFIED

#### 156—Accounting for Private Property Found on Commonwealth Premises

Navy Order 445 of 1967 is to be amended as follows:

**Paragraph 1:**

*add* the following sentences:

'These instructions do not apply to found items of clothing of naval personnel. Such items are to continue to be dealt with in accordance with local instructions issued to RI 1842.'

(DNA 2/51/62)

(Navy Order 445 of 1967)

UNCLASSIFIED

#### 157—Electronic Data Processing—Unit Identification Code

1. With the introduction of Electronic Data Processing (EDP) into the Navy, it is necessary to provide a simple identification system for all self-contained units that may be required to report data to, or receive information from, the Navy EDP Centre, eg, HMA ships and establishments, store depots, Navy Office Directorates, dockyards and repair and servicing organisations.

2. The simplest and most efficient method is a numerical system and each self-contained unit has been allocated a four digit numeric identification code for use in operations involving EDP. The Annexes to this order list the codes allocated to units in both numerical and alphabetical sequence.

3. The fourth or last digit of the code is a check digit that enables the EDP Centre to determine the authenticity of the identification, ie, 1007 is an authentic number but 1008 is not. Use of a number that is not a genuine code in this system will cause rejection of the transaction and hence delay the achievement of its objective.

4. The unit identification code is used for a number of different purposes, eg, identification of the source of a message, the consignee of a store issue or the addressee for the transaction. Details of the circumstances requiring the use of this code are contained in the Manual of Electronic Data Processing, ABR 5063.

5. The codes are allocated by the EDP Centre and any requirement for a new code is to be referred to Navy Office.

6. Navy Order 439 of 1967 is hereby cancelled.

## ANNEX A

## Unit Identification Code—Alphabetical Listing

Unit Identification (Source) Codes are arranged below in alphabetical order within the following categories:

1. Ships, Submarines, Patrol Craft, Air Squadrons, other Mobile Units.
2. HMA Shore Establishments and W/T Stations.
3. Overseas Units/Postings.
4. Other Postings Sources.
5. Navy Office Directorates.
6. Other Authorities, Directorates, Etc.
7. Dockyards, Store and Repair Depots, Oil Fuel Installations.
8. External Supply, Repair and Maintenance Sources.
9. Sea Cadet Corps, Reserve Cadet Units.

Unit	Code	Unit	Code
<b>1. HMA Ships:</b>			
ANZAC .. .. .	1074	SPRIGHTLY .. .. .	1929
ARUNTA .. .. .	1120	STALWART .. .. .	1996
BANKS .. .. .	1880	STUART .. .. .	1228
BARCOO .. .. .	1910	SUPPLY .. .. .	1813
BASS .. .. .	1872	SWAN .. .. .	1287
BOONAROO .. .. .	2542	SYDNEY .. .. .	1805
BRISBANE .. .. .	1090	TEAL .. .. .	1457
CASTLEMAINE .. .. .	1988	TOBRUK .. .. .	1112
CULGOA .. .. .	1902	TORRENS .. .. .	1295
CURLEW .. .. .	1422	VAMPIRE .. .. .	1058
DERWENT .. .. .	1244	VENDETTA .. .. .	1031
DIAMANTINA .. .. .	1856	VOYAGER .. .. .	1686
DUCHESS .. .. .	1066	WOOMERA .. .. .	1694
EMU .. .. .	1961	YARRA .. .. .	1236
GASCOYNE .. .. .	1864	<b>Submarines:</b>	
GULL .. .. .	1414	ONSLow .. .. .	1678
HAWK .. .. .	1406	OTWAY .. .. .	1643
HOBART .. .. .	1082	OVENS .. .. .	1651
IBIS .. .. .	1430	OXLEY .. .. .	1635
JEPARIT .. .. .	2534	TABARD .. .. .	1627
KANGAROO .. .. .	1945	TACITURN .. .. .	1619
KARA KARA .. .. .	1953	TRUMP .. .. .	1600
KIMBLA .. .. .	1899	<b>Patrol Craft:</b>	
KOALA .. .. .	1937	ACUTE .. .. .	2364
MELBOURNE .. .. .	1007	ADROIT .. .. .	2372
MORESBY .. .. .	1821	ADVANCE .. .. .	2380
PALUMA .. .. .	1848	AITAPE .. .. .	2356
PARRAMATTA .. .. .	1201	ARCHERIER .. .. .	2399
PERTH .. .. .	1104	ARDENT .. .. .	2402
QUEENBOROUGH .. .. .	1252	ARROW .. .. .	2410
QUIBERON .. .. .	1279	ASSAIL .. .. .	2429
QUICKMATCH .. .. .	1260	ATTACK .. .. .	2437
SNIPe .. .. .	1449		

## ANNEX A—continued

Unit	Code	Unit	Code
<b>Patrol Craft—continued</b>			
AWARE .. .. .	2445	MORETON .. .. .	3123
BANDOLIER .. .. .	2453	Navy Office (HARMAN) .. .. .	4774
BARBETTE .. .. .	2461	Navy Office (LONSDALE) .. .. .	5002
BARRICADE .. .. .	2496	NIRIMBA .. .. .	3131
BAYONET .. .. .	2518	PENGUIN .. .. .	3158
BOMBARD .. .. .	2488	PLATYPUS (post-1964) .. .. .	3166
BUCCANEER .. .. .	2526	RUSHCUTTER .. .. .	3174
LADAVA .. .. .	2348	TARANGAU .. .. .	3182
LAE .. .. .	2313	TORRENS (pre-1964) .. .. .	3190
MADANG .. .. .	2321	WARATAH .. .. .	3514
SAMARAI .. .. .	2305	WATERHEN .. .. .	3204
		WATSON .. .. .	3212
		W/T Belconnen .. .. .	3220
		W/T Coonawarra .. .. .	3239
		W/T North-West Cape .. .. .	3247
<b>Air Squadrons:</b>			
723 Sqdn .. .. .	2100		
724 Sqdn .. .. .	2119		
724 Sqdn 'B' Flight .. .. .	2151		
725 Sqdn .. .. .	2127		
725 Sqdn 'B' Flight .. .. .	2186		
805 Sqdn .. .. .	2208		
805 Sqdn 'B' Flight .. .. .	2267		
808 Sqdn .. .. .	2232		
816 Sqdn .. .. .	2135		
816 Sqdn 'B' Flight .. .. .	2178		
817 Sqdn .. .. .	2143		
817 Sqdn 'B' Flight .. .. .	2194		
850 Sqdn .. .. .	2116		
851 Sqdn .. .. .	2224		
HMAS MELBOURNE Air Group .. .. .	2259		
VIETNAM Helo Flight .. .. .	2240		
<b>Other Mobile Units:</b>			
CDT 3 .. .. .	2992		
<b>2. HMA Shore Establishments and W/T Stations:</b>			
ALBATROSS .. .. .	3018		
CARPENTARIA .. .. .	3506		
CERBERUS .. .. .	3026		
CRESWELL .. .. .	3034		
ENCOUNTER .. .. .	3042		
HARMAN .. .. .	3050		
HUON .. .. .	3069		
KUTTABUL .. .. .	3077		
KUTTABUL II .. .. .	3085		
LEEWIN .. .. .	3093		
London Depot .. .. .	3522		
LONSDALE .. .. .	3107		
MELVILLE .. .. .	3115		
		<b>3. Overseas Units/Postings:</b>	
		ALO KOREA .. .. .	3638
		Defence Representative NZ .. .. .	3646
		HMA London Depot .. .. .	3522
		HMAS CARPENTARIA .. .. .	3506
		HMAS WARATAH .. .. .	3514
		HMNZS PHILOMEL .. .. .	3727
		HMS MULL OF KINTYRE .. .. .	3719
		HMS TAMAR .. .. .	3735
		HMS TERROR .. .. .	3700
		HMS TRIUMPH .. .. .	3743
		KD MALAYSIA .. .. .	3751
		NSOCOMAFV .. .. .	3778
		SEATO Plan Staff BANGKOK .. .. .	3530
		Service Attache BANGKOK .. .. .	3611
		Service Attache DJAKARTA .. .. .	3549
		Service Attache KARACHI .. .. .	3603
		Service Attache MANILA .. .. .	3565
		Service Attache NEW DELHI .. .. .	3557
		Service Attache SAIGON .. .. .	3573
		Service Attache TOKYO .. .. .	3581
		<b>4. Other Postings Sources:</b>	
		Exchange-RCN .. .. .	5584
		Exchange-RN .. .. .	5592
		Exchange-RNZN .. .. .	5606
		Exchange-USN .. .. .	5576
		Loan-RCN .. .. .	5533
		Loan-RMN .. .. .	5517
		Loan-RN .. .. .	5541
		Loan-RNZN .. .. .	5568
		Loan-USN .. .. .	5525
		Run .. .. .	5509

## ANNEX A—continued

Unit	Code	Unit	Code
<b>5. Navy Office Directorates:</b>			
Navy Office .. .. .	4774	DO & M .. .. .	4650
Navy Office MELB .. .. .	5002	D of C .. .. .	4170
ACNB .. .. .	4006	D of O .. .. .	4162
1st NM (CNS) .. .. .	4014	D of P .. .. .	4103
2nd NM (CNP) .. .. .	4022	D of R .. .. .	4227
3rd NM (CNTS) .. .. .	4030	D of S (AIR) .. .. .	5711
4th NM .. .. .	4049	D of V .. .. .	4537
Secretary .. .. .	4057	DPR .. .. .	4669
ACAE .. .. .	4901	DPS .. .. .	4251
ACDC .. .. .	4340	D/PSYCH .. .. .	4332
ACMD .. .. .	4448	DSAP (M) .. .. .	5797
ACTP .. .. .	4391	DSMR .. .. .	4499
ALO (MELB) .. .. .	4758	DSS .. .. .	4200
AOR .. .. .	4413	DTWP .. .. .	4111
Archives (MELB) .. .. .	5037	DWE .. .. .	4464
AS (CE) .. .. .	4618	D/WRANS .. .. .	4278
AS (EDP) .. .. .	4626	EDP Centre .. .. .	4782
AS (F) .. .. .	4693	FAS (E & G) .. .. .	4596
AS (NS) .. .. .	4634	FAS (F & M) .. .. .	4685
ATIS .. .. .	4421	HPB .. .. .	4677
ATP .. .. .	4405	MDG .. .. .	4308
CA/NTS .. .. .	4502	PEE .. .. .	4375
Central Registry .. .. .	5827	PE (M & S) .. .. .	4383
Central Registry (MELB) .. .. .	5045	PME .. .. .	4367
CEO (GS) .. .. .	4642	PNA .. .. .	4359
C of S .. .. .	5738	SEA (MAT) .. .. .	4723
CONS .. .. .	4197	<b>6. Other Authorities, Etc:</b>	
DAS .. .. .	4553	Area Sec (EAA) .. .. .	4731
DCNP .. .. .	4219	Area Finance Branch GARDEN ISLAND .. .. .	4944
DCNS .. .. .	4081	Area Secretariat GARDEN ISLAND .. .. .	4952
DDM .. .. .	4545	Barracks Officer Albert Park Barracks .. .. .	5800
DEA .. .. .	4715	Captain of the Port, SYDNEY .. .. .	4839
DFSD .. .. .	4510	Chief Inspector NDP GARDEN ISLAND .. .. .	4847
DFWS .. .. .	4286	Chief Superintendent of Supply, SYDNEY .. .. .	5789
DMD .. .. .	4588	Civil Personnel Branch GI .. .. .	4960
DMED .. .. .	4472	DA MELBOURNE .. .. .	4790
DMS .. .. .	5703	Director RAN, AJASS, NOWRA .. .. .	4898
DMT .. .. .	4243	EDP Centre (Navy) .. .. .	4782
DNA .. .. .	4707	FOCAF HQ .. .. .	4073
DNAP .. .. .	4138	FOCAF SEA .. .. .	4065
DNES .. .. .	4316	FOICEA .. .. .	4812
DNI .. .. .	4146	FOICEA Staff .. .. .	4820
DNLS .. .. .	4324	GOSIEAA .. .. .	4979
DNQA .. .. .	4480	GOSIQ'LAND .. .. .	5185
DNR .. .. .	4294	GOSIVIC .. .. .	5029
DNS .. .. .	4529		
DNW .. .. .	4561		
DNWS .. .. .	4154		
DOA .. .. .	4235		

## ANNEX A—continued

Unit	Code	Unit	Code
<b>6. Other Authorities, Etc.—continued</b>			
GMGID .. .. .	4987	GARDEN ISLAND HMA Naval Dockyard .. .. .	0019
Greenwich House .. .. .	5053	KINGSWOOD Magazine Depot .. .. .	0140
Hydrographer .. .. .	4189	LEICHHARDT Radio Test Centre .. .. .	4928
INO GARDEN ISLAND .. .. .	4855	MARIBYRNONG Armament and Weapon Equipment Depot .. .. .	0205
Internal Audit Section, SYDNEY .. .. .	5770	MELBOURNE Naval Store Depot .. .. .	0191
Joint Services Medical Centre .. .. .	4766	NEWINGTON Magazine Depot .. .. .	0132
MARALINGA Weapons Project .. .. .	5134	NORTH SYDNEY Torpedo Depot .. .. .	0159
Master Attendant GARDEN ISLAND .. .. .	4936	Oil Fuel Installation BULIMBA .. .. .	0264
Naval Agent CAIRNS .. .. .	5207	Oil Fuel Installation CAIRNS .. .. .	0272
Naval Agent TOWNSVILLE .. .. .	5193	Oil Fuel Installation CHOWDER BAY .. .. .	0167
NOICNAA .. .. .	5215	Oil Fuel Installation DARWIN .. .. .	0299
NOICPNG .. .. .	5231	Oil Fuel Installation FREMANTLE .. .. .	0248
NOICQ'LAND .. .. .	5185	Oil Fuel Installation HOBART .. .. .	0256
NOICSA .. .. .	5061	Oil Fuel Installation MANUS ISLAND .. .. .	0302
NOICTAS .. .. .	5142	Oil Fuel Installation PORT MORESBY .. .. .	0310
NOICVIC .. .. .	4995	Oil Fuel Installation TOWNSVILLE .. .. .	0280
NOICWA .. .. .	5096	Oil Fuel Installation Williams-town Dockyard .. .. .	0213
NSO BRISBANE .. .. .	5177	PORT MELBOURNE Victualling Depot .. .. .	0183
NSO DARWIN .. .. .	5223	PYRMONT Medical and Dental Store .. .. .	0078
NSO FREMANTLE .. .. .	5118	PYRMONT Royal Edward Victualling Yard .. .. .	0124
NSO HOBART .. .. .	5150	RANDWICK Air Store Depot .. .. .	0043
NSO MELBOURNE .. .. .	5010	RANDWICK Machinery and Spares Depot .. .. .	0051
NSO Port ADELAIDE .. .. .	5088	RANDWICK Victualling Depot .. .. .	0086
NTS Branch (Annex) SYDNEY .. .. .	4804	Williamstown HMA Naval Dockyard .. .. .	0175
PNO COCKATOO ISLAND .. .. .	4863	WOOLLOOMOOLOO Radio and Electrical Store Depot .. .. .	0094
RANEL .. .. .	4871	<b>8. External, Supply, Repair and Maintenance Sources:</b>	
RAN Trials and Assessing Unit .. .. .	5746	Airborne Accessories and Sales, GREENACRE .. .. .	8079
REVV PYRMONT Mobile Van .. .. .	5762	Bendix Technico Pty Ltd, ROCKDALE .. .. .	8052
SAMR .. .. .	5754	Collins Radio, MELBOURNE .. .. .	8184
SASO .. .. .	0450		
SMSO .. .. .	0469		
SNSO .. .. .	0442		
SSA .. .. .	0493		
SSO (AIR) .. .. .	0477		
Stationery Section of SVSO, SYDNEY .. .. .	5819		
SVSO .. .. .	0485		
WRE SALISBURY .. .. .	5126		
<b>7. Dockyards, Store and Repair Depots; Oil Fuel Installations:</b>			
BUNNERONG Motor Transport Establishment .. .. .	0116		
BYFORD Armament and Weapon Equipment Depot .. .. .	0221		
GARDEN ISLAND General Naval Store Depot .. .. .	0027		
GARDEN ISLAND Gunwharf and Weapon Equipment Depot .. .. .	0035		

## ANNEX A—continued

Unit	Code	Unit	Code
<b>8. External Supply, Repair and Maintenance Sources—continued</b>			
Conveyancer Fork Trucks, ZETLAND .. .. .	8087	Lucas Rotax (Aust) Pty Ltd, ZETLAND .. .. .	8060
Dunlop Rubber (Aust) Pty Ltd, BAYSWATER .. .. .	8141	National Instrument Co Pty Ltd, MARRICKVILLE .. .. .	8036
Executive Air Services Pty Ltd, ESSENDON .. .. .	8109	National Instrument Co Pty Ltd, MELBOURNE .. .. .	8176
Godfrey Engineering (Aust) Pty Ltd, NIDDRIE .. .. .	8125	Normalair (Aust) Pty Ltd, AIR PORT WEST .. .. .	8133
Graviner (Aust) Pty Ltd, MOORABBIN .. .. .	8095	Qantas Empire Airways Ltd, MASCOT .. .. .	8044
Hawker De Havilland (Aviation), BANKSTOWN .. .. .	8001	RFD, MOORABBIN .. .. .	8117
Hawker De Havilland (Engineering), LIDCOMBE .. .. .	8028	S. Smith and Sons (Aust) Ltd, MELBOURNE .. .. .	8168
		External Uncoded Consignee .. .. .	9989

**9. Sea Cadet Corps, Naval Reserve Cadet Units:**

Unit	Code
TS ADELAIDE (ASCC) Adelaide, SA .. .. .	7604
TS ALBATROSS (ASCC) Wollongong, NSW .. .. .	7129
TS AVALON (ASCC) Geelong Grammar, VIC .. .. .	7013
TS BARWON (ASCC) Geelong, VIC .. .. .	7005
TS BEDFORD (ASCC) Kwinana Beach, WA .. .. .	7528
TS BENDIGO (ASCC) Bendigo, VIC .. .. .	7021
TS BUNDABERG (ASCC) Bundaberg, QLD .. .. .	7323
TS CANBERRA (ASCC) Canberra, ACT .. .. .	7706
TS CONDAMINE (ASCC) Manly, NSW .. .. .	7102
TS CORAL SEA (ASCC) Townsville, QLD .. .. .	7382
TS DERWENT (ASCC) Hobart, TAS .. .. .	7404
TS EMU (ASCC) Burnie, TAS .. .. .	7420
TS ENDEAVOUR (ASCC) Cairns, QLD .. .. .	7331
TS ESPERANCE (ASCC) Dover, TAS .. .. .	7455
TS FLINDERS (ASCC) Port Lincoln, SA .. .. .	7617
TS GAMBIER (ASCC) Mount Gambier, SA .. .. .	7625
TS GAYUNDAH (ASCC) Brisbane, QLD .. .. .	7307
TS HENTY (ASCC) Portland, VIC .. .. .	7064
TS LATROBE (ASCC) Yallourn, VIC .. .. .	7080
TS LEVEN (ASCC) Ulverstone, TAS .. .. .	7439
TS MAGNUS (ASCC) Brisbane C of E Grammar, QLD .. .. .	7315
TS MELBOURNE (ASCC) Albert Park, VIC .. .. .	7048
TS MERSEY (ASCC) Davenport, TAS .. .. .	7447
TS MILDURA (ASCC) Mildura, VIC .. .. .	7072
TS MORROW (ASCC) Geraldton, WA .. .. .	7544
TS PALUMA (ASCC) Stafford, QLD .. .. .	7374
TS PARRAMATTA (ASCC) Parramatta, NSW .. .. .	7188
TS PERTH (ASCC) Fremantle, WA .. .. .	7501
TS PIONEER (ASCC) Mackay, QLD .. .. .	7358
TS SHROPSHIRE (ASCC) Canterbury, NSW .. .. .	7153
TS SIRIUS (ASCC) Arncliffe, NSW .. .. .	7161

## ANNEX A—continued

Unit	Code
<b>9. Sea Cadet Corps, Naval Reserve Cadet Units—continued</b>	
TS SYDNEY (ASCC) Snapper Is, NSW .. .. .	7110
TS TAMAR (ASCC) Launceston, TAS .. .. .	7412
TS TOBRUK (ASCC) Newcastle, NSW .. .. .	7145
TS TYALGUM (ASCC) Southport, QLD .. .. .	7366
TS VANCOUVER (ASCC) Albany, WA .. .. .	7536
TS VOYAGER (ASCC) Williamstown, VIC .. .. .	7056
TS WARRAMUNGA (ASCC) Darwin, NT .. .. .	7714
TS WARREGO (ASCC) Woolwich, NSW .. .. .	7137
St Ives High School (NRC) Sydney, NSW .. .. .	7196
Sydney Grammar (NRC) Sydney, NSW .. .. .	7226
The Scots College (NRC) Sydney, NSW .. .. .	7218

## ANNEX B

## Unit Identification Code—Numerical Listing

Unit Identification (Source) Codes are arranged below in numerical sequence, as follows:

0001-0999	Dockyards, Store and Repair Depots, Oil Fuel Installations
1000-2999	Ships, Submarines, Patrol Craft, Air Squadrons, other Mobile Units
3000-3499	Shore Establishments, W/T Stations
3500-3999	Overseas Units
4000-7999	Navy Office Directorates; Other Authorities, Directorates and Branches; Other Postings Sources, Sea Cadet Corps, Reserve Cadet Units
8000-9989	External Supply, Repair and Maintenance Sources

Code	Unit	Code	Unit
<b>Dockyards, Depots, OFIs:</b>			
0019	HMA Naval Dockyard, GARDEN ISLAND	0159	Torpedo Depot, NORTH SYDNEY
0027	General Naval Store Depot, GARDEN ISLAND	0167	Oil Fuel Installation, CHOWDER BAY
0035	Gunwharf and Weapon Equipment Depot, GARDEN ISLAND	0175	HMA Naval Dockyard, WILLIAMSTOWN
0043	Air Store Depot, RANDWICK	0183	Victualling Depot, PORT MELBOURNE
0051	Machinery and Spares Depot, RANDWICK	0191	Naval Store Depot, MELBOURNE
0078	Medical and Dental Store, PYRMONT	0205	Armament and Weapon Equipment Depot, MARIBYRNONG
0086	Victualling Depot, RANDWICK	0213	Oil Fuel Installation, HMA Dockyard, WILLIAMSTOWN
0094	Radio and Electrical Store Depot, WOOLLOOMOOLOO	0221	Armament and Weapon Equipment Depot, BYFORD
0116	Motor Transport Establishment, BUNNERONG	0248	Oil Fuel Installation, FREMANTLE
0124	Royal Edward Victualling Yard, PYRMONT	0256	Oil Fuel Installation, HOBART
0132	Magazine Depot, NEWINGTON	0264	Oil Fuel Installation, BULIMBA
0140	Magazine Depot, KINGSWOOD	0272	Oil Fuel Installation, CAIRNS

## ANNEX B—continued

Code	Unit	Code	Unit
<b>Dockyards, Depots, OFIs—continued</b>			
0280	Oil Fuel Installation, TOWNSVILLE	1694	HMAS WOOMERA
		1805	HMAS SYDNEY
0299	Oil Fuel Installation, DARWIN	1813	HMAS SUPPLY
0302	Oil Fuel Installation, MANUS ISLAND	1821	HMAS MORESBY
		1848	HMAS PALUMA
0310	Oil Fuel Installation, PORT MORESBY	1856	HMAS DIAMANTINA
		1864	HMAS GASCOYNE
0442	SNSO	1872	HMAS BASS
0450	SASO	1880	HMAS BANKS
0469	SMSO	1899	HMAS KIMBLA
0477	SSO (AIR)	1902	HMAS CULGOA
0485	SVSO	1910	HMAS BARCOO
0493	SSA	1929	HMAS SPRIGHTLY
		1937	HMAS KOALA
		1945	HMAS KANGAROO
		1953	HMAS KARA KARA
<b>Ships, Submarines, Patrol Craft and Air Squadrons, other Mobile Units:</b>			
1007	HMAS MELBOURNE	1961	HMAS EMU
1031	HMAS VENDETTA	1988	HMAS CASTLEMAINE
1058	HMAS VAMPIRE	1996	HMAS STALWART
1066	HMAS DUCHESS	2100	723 Sqdn
1074	HMAS ANZAC	2119	734 Sqdn
1082	HMAS HOBART	2127	725 Sqdn
1090	HMAS BRISBANE	2135	816 Sqdn
1104	HMAS PERTH	2143	817 Sqdn
1112	HMAS TOBRUK	2151	724 Sqdn 'B' Flight
1120	HMAS ARUNTA	2178	816 Sqdn 'B' Flight
1201	HMAS PARRAMATTA	2186	725 Sqdn 'B' Flight
1228	HMAS STUART	2194	817 Sqdn 'B' Flight
1236	HMAS YARRA	2208	805 Sqdn
1244	HMAS DERWENT	2216	850 Sqdn
1252	HMAS QUEENBOROUGH	2224	851 Sqdn
1260	HMAS QUICKMATCH	2232	808 Sqdn
1279	HMAS QUIBERON	2240	RAN VIETNAM Helo Flight
1287	HMAS SWAN	2259	HMAS MELBOURNE Air Groups
1295	HMAS TORRENS	2267	805 Sqdn 'B' Flight
1406	HMAS HAWK	2305	HMAS SAMARAI
1414	HMAS GULL	2313	HMAS LAE
1422	HMAS CURLEW	2321	HMAS MADANG
1430	HMAS IBIS	2348	HMAS LADAVA
1449	HMAS SNIPE	2356	HMAS AITAPE
1457	HMAS TEAL	2364	HMAS ACUTE
1600	HMS TRUMP	2372	HMAS ADROIT
1619	HMS TACITURN	2380	HMAS ADVANCE
1627	HMS TABARD	2399	HMAS ARCHER
1635	HMAS OXLEY	2402	HMAS ARDENT
1643	HMAS OTWAY	2410	HMAS ARROW
1651	HMAS OVENS	2429	HMAS ASSAIL
1678	HMAS ONSLOW	2437	HMAS ATTACK
1686	HMAS VOYAGER	2445	HMAS AWARE

## ANNEX B—continued

Code	Unit	Code	Unit
<b>Ships, Submarines, Patrol Craft and Air Squadrons, other Mobile Units—continued</b>			
2453	HMAS BANDOLIER	3611	Service Attache BANGKOK
2461	HMAS BARBETTE	3638	ALO KOREA
2488	HMAS BOMBARD	3646	Defence Representative NZ
2496	HMAS BARRICADE	3700	HMS TERROR
2518	HMAS BAYONET	3719	HMS MULL OF KINTYRE
2526	HMAS BUCCANEER	3727	HMNZS PHILOMEL
2534	HMAS JEPARIT	3735	HMS TAMAR
2542	HMAS BOONAROO	3743	HMS TRIUMPH
2992	CDT 3	3751	KD MALAYSIA
		3778	NSOCOMAFV
<b>Shore Establishments, W/T Stations:</b>			
3018	HMAS ALBATROSS	<b>Navy Office Directorates; Other Authorities, Directorates and Branches; Sea Cadet Corps and Reserve Cadet Units:</b>	
3026	HMAS CERBERUS	4006	ACNB
3034	HMAS CRESWELL	4014	1st NM (CNS)
3042	HMAS ENCOUNTER	4022	2nd NM (CNP)
3050	HMAS HARMAN	4030	3rd NM (CNTS)
3069	HMAS HUON	4049	4th NM
3077	HMAS KUTTABUL	4057	Secretary
3085	HMAS KUTTABUL II	4065	FOCAF SEA
3093	HMAS LEEUWIN	4073	FOCAF HQ
3107	HMAS LONSDALE	4081	DCNS
3115	HMAS MELVILLE	4103	D of P
3123	HMAS MORETON	4111	DTWP
3131	HMAS NIRIMBA	4138	D/DTWP (Air)
3158	HMAS PENGUIN	4146	DNI
3166	HMAS PLATYPUS (post-1964)	4154	DNWS
3174	HMAS RUSHCUTTER	4162	D of O
3182	HMAS TARANGAU	4170	D of C
3190	HMAS TORRENS (pre-1964)	4189	Hydrographer
3204	HMAS WATERHEN	4197	CONS
3312	HMAS WATSON	4200	DSS
3220	RAN W/T Belconnen	4219	DCNP
3239	RAN W/T Coonawarra	4227	D of R
3247	RAN W/T North-West Cape	4235	DOA
		4243	DMT
		4251	DPS
		4278	D/WRANS
<b>Overseas Units:</b>			
3506	HMAS CARPENTARIA	4286	DFWS
3514	HMAS WARATAH	4294	DNR
3522	HMA London Depot	4308	MD
3530	SEATO Planning Staff BANGKOK	4316	DNES
3549	Service Attache DJAKARTA	4324	DNLS
3557	Service Attache NEW DELHI	4332	D/PSYCH
3565	Service Attache MANILA	4340	ACDC
3573	Service Attache SAIGON	4359	PNA
3581	Service Attache TOKYO	4367	PME
3603	Service Attache KARACHI		

## ANNEX B—continued

Code	Unit	Code	Unit
<b>Navy Office Directorates; Other Authorities, Directorates and Branches; Sea Cadet Corps and Reserve Cadet Units—continued</b>			
4375	PEE	4871	RANEL
4383	PE (M & S)	4898	Director RAN, AJASS, NOWRA
4391	ACTP	4901	ACAE
4405	ATP	4928	Radio Test Centre, LEICHHARDT
4413	AOR	4936	Master Attendant
4421	ATIS	4944	Area Finance Branch GARDEN ISLAND
4448	ACMD	4952	Area Secretariat GARDEN ISLAND
4464	DWE	4960	Civil Personnel Branch GI
4472	DMED	4979	GOSIEAA
4480	DNQA	4987	GMGID
4499	DSMR	4995	NOICVIC
4502	CA/NTS	5002	Navy Office, MELBOURNE
4510	DFSD	5010	NSO, MELBOURNE
4529	DNS	5029	GOSIVIC
4537	D of V	5037	Archives Branch, MELBOURNE
4545	DDM	5045	Central Registry, MELBOURNE
4553	DAS	5053	Greenwich House
4561	DNW	5061	NOICSA
4588	DMD	5088	NSO PORT ADELAIDE
4596	FAS (E & G)	5096	NOICWA
4618	AS (CE)	5118	NSO FREMANTLE
4626	AS (EDP)	5126	WRE SALISBURY
4634	AS (NS)	5134	MARALINGA Weapons Project
4642	CEO (GS)	5142	NOICTAS
4650	DO & M	5150	NSO HOBART
4669	DPR	5169	NOICQLD
4677	HPB	5177	NSO BRISBANE
4685	FAS (F & M)	5185	GOSIQLD
4693	AS (F)	5193	Naval Agent TOWNSVILLE
4707	DNA	5207	Naval Agent CAIRNS
4715	DEA	5215	NOICNAA
4723	SEO (MAT)	5223	NSO DARWIN
4731	Area Sec (EAA)	5231	NOICPNG
4758	ALO (MELB)	5509	Run
4766	Joint Services Medical Centre	5517	Loan-RMN
4774	Navy Office	5525	Loan-USN
4782	Navy EDP Centre	5533	Loan-RCN
4790	DA MELBOURNE	5541	Loan-RN
4804	NTS Branch (Annex) SYDNEY	5568	Loan-RNZN
4812	FOICEA	5576	Exchange-USN
4820	FOICEA Staff	5584	Exchange-RCN
4839	Captain of the Port, SYDNEY	5592	Exchange-RN
4847	Chief Inspector NDP GARDEN ISLAND	5606	Exchange-RNZN
4855	INO GARDEN ISLAND		
4863	PNO COCKATOO ISLAND		

## ANNEX B—continued

Code	Unit
<b>Navy Office Directorates, Other Authorities, Directorates and Branches; Sea Cadet Corps and Reserve Cadets Units—continued</b>	
5703	DMS
5711	D of S (Air)
5738	Controller of Supply
5746	RAN Trials and Assessing Unit
5762	REVV PYRMONT Mobile Van
5770	Internal Audit Section, SYDNEY
5789	Chief Superintendent of Supply, SYDNEY
5797	DSAP (M)
5800	Barracks Officer, Albert Park Barracks
5819	Stationery Section of SVSO, SYDNEY
5827	Central Registry
7005	TS BARWON (ASCC) Geelong, VIC
7013	TS AVALON (ASCC) Geelong Grammar, VIC
7021	TS BENDIGO (ASCC) Bendigo, VIC
7048	TS MELBOURNE (ASCC) Albert Park, VIC
7056	TS VOYAGER (ASCC) Williamstown, VIC
7064	TS HENTY (ASCC) Portland, VIC
7072	TS MILDURA (ASCC) Mildura, VIC
7080	TS LATROBE (ASCC) Yallourn, VIC
7102	TS CONDAMINE (ASCC) Manly, NSW
7110	TS SYDNEY (ASCC) Snapper, Is, NSW
7129	TS ALBATROSS (ASCC) Wollongong, NSW
7137	TS WARREGO (ASCC) Woolwich, NSW
7145	TS TOBRUK (ASCC) Newcastle, NSW
7153	TS SHROPSHIRE (ASCC) Canterbury, NSW
7161	TS SIRIUS (ASCC) Arncliffe, NSW
7188	TS PARRAMATTA (ASCC) Parramatta, NSW
7196	St Ives High School (NRC) Sydney, NSW
7218	The Scots College (NRC) Sydney, NSW
7226	Sydney Grammar School (NRC) Sydney, NSW
7307	TS GAYUNDAH (ASCC) Brisbane, QLD
7315	TS MAGNUS (ASCC) Brisbane C of E Grammar, QLD
7323	TS BUNDABERG (ASCC) Bundaberg, QLD
7331	TS ENDEAVOUR (ASCC) Cairns, QLD
7358	TS PIONEER (ASCC) Mackay, QLD
7366	TS TYALGUM (ASCC) Southport, QLD
7374	TS PALUMA (ASCC) Stafford, QLD
7382	TS CORAL SEA (ASCC) Townsville, QLD
7404	TS DERWENT (ASCC) Hobart, TAS
7412	TS TAMAR (ASCC) Launceston, TAS
7420	TS EMU (ASCC) Burnie, TAS



ANNEX B—*continued*

<i>Code</i>	<i>Unit</i>
<b>Navy Office Directorates, Other Authorities, Directorates and Branches; Sea Cadet Corps and Reserve Cadet Units—<i>continued</i></b>	
7439	TS LEVEN (ASCC) Ulverstone, TAS
7447	TS MERSEY (ASCC) Devonport, TAS
7455	TS ESPERANCE (ASCC) Dover, TAS
7501	TS PERTH (ASCC) Fremantle, WA
7528	TS BEDFORD (ASCC) Kwinana Beach, WA
7536	TS VANCOUVER (ASCC) Albany, WA
7544	TS MORROW (ASCC) Geraldton, WA
7604	TS ADELAIDE (ASCC) Adelaide, SA
7617	TS FLINDERS (ASCC) Port Lincoln, SA
7625	TS GAMBIER (ASCC) Mount Gambier, SA
7706	TS CANBERRA (ASCC) Canberra, ACT
7714	TS WARRAMUNGA (ASCC) Darwin, NT

**External Supply, Repair and Maintenance Sources:**

8001	Hawker De Havilland (Aviation), BANKSTOWN
8028	Hawker De Havilland (Engineering), LIDCOMBE
8036	National Instrument Co Pty Ltd, MARRICKVILLE
8044	Qantas Empire Airways Ltd, MASCOT
8052	Bendix Technico Pty Ltd, ROCKDALE
8060	Lucas Rotax (Aust) Pty Ltd, ZETLAND
8079	Airborne Accessories and Sales, GREENACRE
8087	Conveyancer Fork Trucks, ZETLAND
8095	Graviner (Aust) Pty Ltd, MOORABBIN
8109	Executive Air Services Pty Ltd, ESSENDON
8117	RFD, MOORABBIN
8125	Godfrey Engineering (Aust) Pty Ltd, NIDDRIE
8133	Normalair (Aust) Pty Ltd, PORT WEST
8141	Dunlop Rubber (Aust) Pty Ltd, BAYSWATER
8168	S. Smith & Sons (Aust) Pty Ltd, MELBOURNE
8176	National Instrument Co Pty Ltd, MELBOURNE
8184	Collins Radio, MELBOURNE
9989	External Uncoded Consignee

(AS (EDP) 178/1/119)

(Navy Order 439 of 1967)

UNCLASSIFIED

**158—Service System Canteens—Responsibility for Business Administration**

1. RI Article 1522 provides that the Welfare Committee is responsible that the Service System Canteen is conducted on sound business lines (Article 1522 (2)) and the business manager is responsible for all purchases, custody of cash and cash transactions (Article 1522 (3)).

2. It has become apparent that this division of responsibility is not conducive to sound business administration. The Naval Board has accordingly decided that the responsibility for business administration of the Service System Canteen is to be transferred from the Welfare Committee to the business manager.

3. It has also been decided to transfer the responsibility for approving the cashing of cheques (Article 1525 (4)) from the Captain to the business manager of the Service System Canteen.

4. These revised arrangements are effective forthwith. RI 1522 (2) and (3) is hereby superseded by the Annex to this order. RI will be amended in due course.

**ANNEX****Article 1522 (2)***Amend to read:*

'(2) The welfare committee is to administer the general affairs of the canteen and may make suggestions for improvements but, except when investigating complaints, is not to interfere in the business administration of the canteen which is the responsibility of the officer appointed business manager (*see* 1522; Paragraph 3). It is to investigate any complaints that may arise about the working of the canteen. It is to formulate six monthly in advance a statement of the amounts of money required from canteen profits to meet its objectives for charities, sporting gear, entertainment, etc. This statement should be updated at each welfare committee meeting and used by the business manager to determine the mark up to be charged on sales through the canteen.

(3) In order that the welfare committee may have the benefit of advice and assistance in discharging its responsibilities, the Supply Officer, or where no officer of the Supply department is borne, a officer detailed by the Captain, is to be appointed business manager and Treasurer of the canteen. This officer is responsible that the canteen is conducted on sound business lines and that sufficient profit is made for transfer to the ship's fund to meet the reasonable requirements of the welfare committee. This officer is to be responsible for all purchases, custody of cash, and cash transactions in connection with the canteen. The appointment is intended solely to afford facilities for the efficient administration of the canteen and in no way implies any financial liability on the part of the Commonwealth; the financial responsibility for any losses which may be sustained devolves upon the officers and sailors of the ship or establishment concerned.

**Article 1525 (4)***Amend 'Captain' to read 'business manager'.*

(DFSD 465/1/1238)

**Section 4****EQUIPMENT, STORES AND SERVICING**

UNCLASSIFIED

**159—Automatic Emergency Lanterns—Batteries 6140/99/910-1810**

1. Reports have been received from the Fleet stating that automatic emergency lanterns are failing in service.

2. These reports have been investigated, and it is considered that a large percentage of these failures is due to siting of AELs in ambient temperatures exceeding 115° F.



### Methods of Test

#### 4. a. *Drummed Cable:*

- (1) Continuity test on all cores. The standard ohmmeter (*see* Paragraph 8) should not be used for this test.
- (2) Insulation resistance of each core after one minutes electrification with the 500 volt direct reading ohmmeter (*see* Paragraph 8). The value recorded should be not less than 1,500 megohms per 1,000 yds. The resistance should be measured between the core under test and the remaining core and armour bonded to 'earth'.
- (3) Visual examination of the outer layer of the cable and the cable ends.
- (4) Visual examination of drum. Drum to be in good condition and fully battened. If doubt exists as to the length of cable on the drum the cable should be measured. If the drum is defective the cable should be re-wound on to a good drum and the whole length of cable examined visually while this is being done. The electrical tests at (1) and (2) should be carried out after re-winding. If satisfactory, the drum should then be fully battened.
- (5) Should any doubt exist as to the satisfactory condition of the serving or armour, further layers should be examined, the cable being entirely re-wound on to another drum if necessary. Where the serviceability of the dielectric is in question, samples should be sent to the General Manager, Garden Island, for test. At least seven samples each 9 in long of insulated cores are to be cut 1 yd from the free end of the cable and labelled with pattern No; drum No; contract No; date of manufacture and maker if known.
- (6) Before testing, both ends of the cable should be opened up and cores separated. On each core the insulation should be stripped over a short distance and the tape turned back. A stop watch should invariably be used for timing the period of electrification to ensure comparable accuracy between insulation tests carried out by different operators. After test, the ends of cable should be lapped with two layers of rubber tape, followed by two layers of black adhesive tape and then dipped in hot bituminous compound.
- (7) Drums of cable surveyed and found serviceable should be clearly and permanently marked as follows:
  - Pattern No.
  - Length of cable; Serial No of cable length.
  - Drum or coil No.
  - Gross weight.
  - Contract No.
  - Tested in accordance with Navy Order 163 of 1968.
  - Date of test.
- (8) A certificate of test in accordance with the Annex to this order is to be made out in duplicate by the testing staff for each drum of cable found serviceable, one signed copy being retained locally by the testing staff, the other being forwarded to the Director of Electrical Engineering, Department of the Navy, Canberra, within one month of the test being carried out.

- (9) The above methods of testing will usually reveal existing faults especially those of a serious nature, but there are limitations, as in any method of dry testing, to the extent to which incipient faults may be revealed. Wet testing is naturally more searching but is particularly undesirable if the cable is subsequently to be stored out of water for any appreciable time, as it will hasten deterioration.
- (10) If, however, time and facilities permit, a test in water of any cable just prior to issue is advantageous and should be effected whenever possible. This will minimise the risk of defective cable being laid with the resultant necessity of recovery and laying of fresh supplies.
- (11) It is emphasised that such water testing is only to be carried out when it is known that the cable will be going into service within a short period of time.
- (12) The cable should be completely immersed either in a tank or in shallow sea water. Arrangements must be made for inner and outer ends to be brought out above water level. If the inner end is too short to enable this to be done, a watertight connection may be made to a further piece of cable. At least 12 hours immersion should be given before the test is conducted.
- (13) The cable should be tested in accordance with Sub-paragraphs a. (1) and (2), and the test certificate marked accordingly.

#### b. *Cable in Wet Tanks:*

- (1) As a. (1).
- (2) As a. (2).
- (3) Particular attention should be paid to changes in insulation resistance, whether up or down, since the previous test, due allowance being made for temperature changes. The perfect cable should show sensibly similar values of insulation resistance for each core and this value, if the cable is rubber insulated, will probably depreciate slowly over the first 6-12 months of immersion to a level of about 80 per cent of the initial, after which it should become stable. Polythene insulation should show no corresponding decline.
- (4) The test should always be carried out on new cable immediately on the completion of coiling down from the cable ship. Visual observation should be maintained during the process of coiling down and a note kept of any incidents of severe kinking, chafing or other damage likely to prejudice the life of the cable either during storage or subsequent laying.
- (5) The tests on newly landed cable should be repeated within a week or so of landing and the results, together with any reports of physical damage, submitted to the Naval Board with copies to GMGID as soon as possible. No attempts should be made at this stage to repair any fault that may be revealed.
- (6) In the event of faults becoming evident during periodical routine testing, especially if such faults should be in the nature of a 'dead earth', attempts should be made to locate the fault and a report submitted to



## ANNEX

Group Class	Catalogue No	Description	Qty
0273	910-4310	Awls, brad, $\frac{1}{8}$ in point handled .. ..	1
0340	1153	Bags, canvas, tool .. ..	1
0273	910-4129	Bits, brace, screwdriver, $\frac{3}{8}$ in .. ..	2
	910-4113	Bits, brace, countersink, $\frac{5}{8}$ in .. ..	1
	910-4084	Bits, brace, twist, $\frac{3}{8}$ in .. ..	1
	910-4086	Bits, brace, twist, $\frac{1}{2}$ in .. ..	1
	910-4088	Bits, brace, twist, $\frac{5}{8}$ in .. ..	1
	910-4090	Bits, brace, twist, $\frac{3}{4}$ in .. ..	1
		Bits, brace, for softwood, $\frac{1}{4}$ in .. ..	1
		Bits, brace, for softwood, $\frac{1}{8}$ in .. ..	1
		Bits, brace, for softwood, $\frac{3}{8}$ in .. ..	1
		Bits, brace, for softwood, $\frac{1}{2}$ in .. ..	1
		Bits, brace, for softwood, $\frac{5}{8}$ in .. ..	1
		Bits, brace, for softwood, $\frac{3}{4}$ in .. ..	1
		Bits, brace, for softwood, 1 in .. ..	1
	910-4453	Bevels, carpenters, wood stock, 10 in blade .. ..	1
0422		Box, tool, 2 ft 6 in .. ..	1
0273	910-4079	Braces, carpenters .. ..	1
	910-4179	Chisels, cold crosscut, $\frac{1}{8}$ in cut, 4 in long .. ..	1
	910-4183	Chisels, cold crosscut, $\frac{3}{8}$ in cut, 8 in long .. ..	1
	910-4219	Chisels, firmer, $\frac{1}{4}$ in .. ..	1
	910-4221	Chisels, firmer, $\frac{1}{2}$ in .. ..	1
	910-4218	Chisels, firmer, $\frac{3}{8}$ in .. ..	1
	910-4223	Chisels, firmer, $\frac{1}{2}$ in .. ..	1
	910-4225	Chisels, firmer, 1 in .. ..	1
	910-4239	Chisels, mortice, $\frac{3}{8}$ in .. ..	1
	910-4238	Chisels, mortice, $\frac{1}{2}$ in .. ..	1
	910-4240	Chisels, mortice, $\frac{1}{2}$ in .. ..	1
0273	910-4245	Chisels, paring, bevelled, edged, handled $\frac{1}{2}$ in .. ..	1
	910-4250	Chisels, paring, bevelled, edged, handled 1 $\frac{1}{2}$ in .. ..	1
	910-4208	Chisels, cold, 1 in .. ..	1
	13249	Cutters, glass .. ..	1
	910-4400	Cramps, carpenters, 'G', 4 in .. ..	2
	910-4476	Dividers, spring, split nut, 6 in .. ..	1
	910-4281	Drills, stock, hand, 0- $\frac{1}{4}$ in .. ..	1
0272	910-2004	Drills, twist, $\frac{1}{4}$ in .. ..	1
	2016	Drills, twist, $\frac{3}{8}$ in .. ..	1
	2026	Drills, twist, $\frac{1}{2}$ in .. ..	1
	2034	Drills, twist, $\frac{3}{4}$ in .. ..	1
	2046	Drills, twist, $\frac{1}{2}$ in .. ..	1

Group Class	Catalogue No	Description	Qty
	2056	Drills, twist, $\frac{1}{8}$ in .. ..	1
0274	910-4953	Files, taper, saw, 2nd cut, 4 in .. ..	3
	910-5191	Gauges, carpenters .. ..	1
	910-5126	Gauges, outside ground, $\frac{1}{2}$ in .. ..	1
	910-5129	Gauges, outside ground, 1 in .. ..	1
	910-4632	Hammer, claw, 1 $\frac{1}{4}$ lb .. ..	1
	910-4648	Hammer, engineers, $\frac{1}{2}$ lb .. ..	1
	910-4652	Hammer, engineers, 2 lb .. ..	1
0461	910-4726	Handles, for awl, shaped, 3 $\frac{3}{4}$ in length .. ..	1
0330	1612	Lines, chalk .. ..	
0265	L86460	Lock, pad, Lockwood type 232, c/w 2 Keys .. ..	1
0461	910-5426	Mallets, carpenters, 2 $\frac{1}{2}$ in handled .. ..	1
0275	910-5482	Pincers, carpenters .. ..	1
	910-5319	Planes, steel, smoothing .. ..	1
	910-5339	Planes, steel, jack, 14 in .. ..	1
	910-5523	Pliers, side cutting, 8 in .. ..	1
	910-5548	Punches, centre, 4 in .. ..	1
	910-5578	Punches, parallel pin, $\frac{1}{8}$ in $\times$ 1 $\frac{1}{2}$ in .. ..	1
	910-5579	Punches, parallel pin, $\frac{3}{8}$ in $\times$ 1 $\frac{1}{2}$ in .. ..	1
	910-5580	Punches, parallel pin, $\frac{1}{2}$ in $\times$ 2 in .. ..	1
	910-7823	Punches, tinsmiths, $\frac{1}{2}$ in, grooving plane, metal body, rebate .. ..	1
	910-5722	Rules, steel, flexible, 6 ft .. ..	1
	L61960	Rules, boxwood, folding, 3 ft .. ..	1
	910-5729	Rules, steel, folding, 2 ft, 2 fold rivets, snaps and set ups $\frac{1}{8}$ in- $\frac{1}{2}$ in .. ..	1
		rivets, snaps and set ups $\frac{3}{8}$ in- $\frac{1}{2}$ in .. ..	1
		rivets, snaps and set ups $\frac{1}{2}$ in- $\frac{3}{4}$ in .. ..	1
	910-5781	Saw, hand, 26 in .. ..	1
	910-5735	Saw, compass, 19 in .. ..	1
	910-5805	Saw, tenon, 12 in .. ..	1
	L62006	Saw, coping, with blades .. ..	1
0274	910-5746	Saw, hack, frame, 8 in $\times$ 12 in adjustable .. ..	1
0276	910-5915	Sets, saw, plier type .. ..	1
	910-5840	Screwdriver, 8 in .. ..	1
	910-5818	Scrapers, cabinet makers, 5 in $\times$ 2 $\frac{1}{2}$ in .. ..	1
	910-5863	Screwdriver, 12 in .. ..	1
	910-5868	Screwdriver, ratched handled, 5 in .. ..	1
	910-5891	Scriber, fitters .. ..	1
	910-5932	Snips, tinmans, straight, 12 in .. ..	1
	910-5928	Snips, tinmans, bent, 10 in .. ..	1
	910-5966	Spanners, adjustable, crescent, 12 in .. ..	1

Group Class	Catalogue No	Description	Qty
	910-5964	Spanners, adjustable, crescent, 8 in	1
	910-6231	Spanners	1
	910-6232	Spanners	1
	910-6228	Spanners	1
	910-6229	Spanners	1
	910-6230	Spanners	1
	910-6233	Spanners	1
	910-6423	Square, steel, 6 in	1
	5978	Square, set, mitre, 10 in	1
	943-7821	Spokeshave, 2½ in round faced, adjustable	1
	943-7820	Spokeshave, 2½ in flat, adjustable	1
0474	7006	Stone, oil	1
	5524	Stone, carborundum	1
	5525	Stone, carborundum	1
0583	L14876	Torch, electric, 2 cell	1
0276	910-6637	Wrench, stillson, 14 in	1
0275	L61732	Pliers, multigrip, 9 in to 10 in	1
	910-5666	Punch, wad, ¼ in	1
	910-5667	Punch, wad, ⅜ in	1

(DSAP 506/83/52)

### Section 5

## BOOKS, CORRESPONDENCE, FORMS AND STATIONERY

### UNCLASSIFIED

#### 165—Books—Libraries—Organisation

1. Instructions concerning the provision and administration of ships libraries and central reference libraries have been revised, and are promulgated in this order.

#### SHIPS LIBRARIES

##### Book Categories and Accounting Classifications

2. Books provided to libraries in ships and establishments are divided into three sections as follows:

Section A—all paperback books.

Section B—hardcover popular fiction, and hardcover non-fiction books suitable for general reading.

Section C—reference books.

3. Books from Sections A and B are classified as non-accountable and books from Section C as accountable. Instructions concerning the distribution, scale of supply, and methods of accounting for and controlling the issues of library books from each section are contained in later paragraphs of this order.

### Distribution

4. Distribution of all library books is made by the Superintending Victualling Store Officer, Royal Edward Victualling Yard, Sydney, as instructed by the Director of Naval Education Service (DNES) who is the Navy Office authority responsible for the organisation of ships libraries.

5. An initial request for the issue of a library is to be forwarded to DNES, Navy Office, Canberra. Once a ships library has been supplied, supplements of fresh reading material for Sections A and B, and annual reference publications, are issued without further demand, a list of the books allocated being forwarded to the library in advance of each issue. These supplements are issued on a monthly basis so far as Section A (paperback) books are concerned, and on a quarterly basis for Section B (hardcover fiction and general reading) books.

6. Demands therefore should be made only for the issue of a complete library, or for the replacement, as necessary, of Section C (reference) books. In view of the regular supplements to Sections A and B, books lost from these sections will not be replaced.

7. Suggestions regarding the types of books required in the regular supplements may be forwarded to DNES.

### Scale of Supply

8. Ships libraries are graded in size according to the complements of the ships and establishments concerned. The following table sets out the numbers of Section B books included in the initial supply, and the numbers of books included in the quarterly supplements for Sections A and B, for complements of varying sizes:

Complement	Library Class	Section B Initial Supply	Section A Quarterly Supplement	Section B Quarterly Supplement
Over 2,000	S	1,000	60	60
1,000–1,999	1	800	40	40
600– 999	2	600	40	30
400– 599	3	400	40	15
200– 399	4	250	40	10
140– 199	5	150	40	5
50– 139	6	100	40	Nil
Under 50	7	Nil	20	Nil

9. Non-fiction books will comprise about 15 per cent of issues of Section B books, providing suitable books are available.

10. Section C of the library (the Reference Section) will consist of the following books:

#### a. All Libraries:

Atlas—Oxford.

Dictionary—English Concise Oxford.

Dictionary—French-English.

The Law and the Custom of the Sea—Smith.

Everyman's Own Lawyer.

Introduction to Naval Court Martial Procedure.

Everyman's Encyclopaedia (12 Vols).  
 Catalogue of RAN Central Reference Libraries.  
 Commonwealth Year Book. (*See Note 1.*)  
 Pear's Cyclopaedia. (*See Note 1.*)  
 Whitaker's Almanac. (*See Note 1.*)  
 Jane's Fighting Ships. (*See Note 2.*)  
 The Royal Australian Navy 1939-42—Gill.  
 The Royal Australian Navy 1942-45—Gill (when available).  
 The Great Sea War—Potter and Nimitz.

b. *Seagoing Ships Only:*

Advanced Ropeworking—Popple.  
 Dangerous Marine Animals.  
 Pacific Islands' Yearbook.  
 Wonders of the Great Barrier Reef—Roughley.  
 BOAC Traveller's Digest.  
 Manual of Seamanship (Vols I, II and III).  
 Who's Who in Australia. (*See Note 1.*)

c. *Flagship and Senior Officers Ships of Destroyer and Frigate Squadrons Only:*

Practical Construction of Warships.  
 Moleworth's Handbook of Engineering Formulae.  
 A Manual of Marine Steam Engineering Practice—Sothorn.  
 Wiley's Engineering Handbooks—  
 Vol I Handbook of Engineering Fundamentals.  
 Vol II Kent's Mechanical Engineers' Handbook—Design and Production.  
 Vol III Kent's Mechanical Engineers' Handbook—Design and Production.

Jane's All the World's Aircraft. (*See Note 2.*)

*Note 1.* Republished regularly at intervals varying from one to three years. Up-to-date editions will be supplied to the larger ships and establishments. Superseded editions are to be returned to Royal Edward Victualling Yard for re-issue to smaller ships and establishments.

*Note 2.* Superseded editions only will be supplied.

11. Other books required for reference in certain ships will be issued as necessary, but in general, use should be made of the facilities of the Central Reference Libraries when reference books, not available in the ships library, are required.

**Responsibility for Accounting and Control**

12. The accounting authority in ships and establishments for all libraries referred to in this order is the Instructor Officer or, where no Instructor Officer is borne, the officer appointed by the Captain to be the Education Officer.

**Section A Books—Arrangements for Control**

13. Internal accounting for Section A (paperback) books is not obligatory, but a measure of control should be maintained to ensure that the books have a reasonable life span. Paperbacks may be removed from the library and discarded when their condition deteriorates. They are not required to be included on Form AS 1074—Account of Ships Libraries.

**Section B and C Books—Arrangements on Receipt**

14. Books from these Sections will be supplied under cover of issue vouchers (Forms SX 20 or SX 22) accompanying each supply. The receipt copy should be signed and returned immediately to the Superintending Victualling Store Officer, and the ships accounting copy retained for subsequent enclosure with Form AS 1074—Account of Ship Libraries (*see* Paragraph 17). The packing list enclosed in the package should be retained for reference purposes.

**Musters—Books from Sections B and C**

15. The Accounting Officer is to carry out a six monthly muster of all books in Sections B and C of the library about 30 June and 30 November each year. The actual dates may be varied as necessary to fit in with local arrangements, but in no case is the muster to be delayed by more than 14 days after the due date. Where a change of custody of the library occurs, or on paying off, an additional muster is to be carried out.

16. Section B (hardcover fiction and general reading) books are to be mustered according to the number of such books held. Section C (Reference) books, however, are to be mustered according to both the number and the titles of the individual books held in this section of the library. For convenience in mustering, a list of titles of Section C books has been printed on the reverse side of Form AS 1074.

17. On each occasion of muster, an account on Form AS 1074 is to be prepared in duplicate. After approval by the Captain, the original of the account is to be forwarded to DNES, accompanied by issue vouchers (Forms SX 20 or SX 22), and Form AS 126 in respect of books lost or deficient. The duplicate of the account is to be retained on board for reference purposes.

18. The following notes are for the guidance of officers in completing Form AS 1074:

- a. 'Remains from Last Account'—This is the number of books actually mustered on the occasion of rendering the last account, and which were entered as the 'Numbers Remaining' on that occasion.
- b. 'Received from Victualling Yard'—This is the number of books received during the period since the last muster. The relevant issue vouchers (Forms SX 20 or SX 22) are to be attached to the original of the Form AS 1074.
- c. 'Surplus'—This figure is confined to books previously reported as losses or deficiencies and subsequently found. The titles of any surplus Section C books should be indicated by footnote on the reverse side of Form AS 1074.
- d. 'Total Debits'—This is the total of the previous three columns.
- e. 'Returned to Victualling Yard'—This is the number of books returned in accordance with Paragraphs 19 and 21 of this order. Receipt copies of Forms SX 25 are to accompany the original of Form AS 1074.
- f. 'Losses reported on Forms AS 126'—This is the number of books whose loss is traceable to specific individuals, and for which Forms AS 126 are attached to the Form AS 1074.
- g. 'Other Deficiencies'—This is the number of Section B books which were unaccountably deficient on muster.
- h. 'Numbers Remaining'—This is the number of books actually found at muster.

**Returns**

19. Books of all sections are to be returned to SVSO, Sydney, when a ship pays off. An account on Form AS 1074 is to be rendered to DNES on such occasions. Care is to be taken that books obtained from extraneous sources are not included in these accounts. Each section should be packed separately, and recorded on separate Return Vouchers (Form SX 27) which should specify the section to which each note refers.

20. Ships undergoing refit, unless paying off, need not return their libraries but may lodge them on deposit with SVSO, Sydney, or by arrangement with NOIC at other ports, informing DNES that supplements are not required. On withdrawing libraries from deposits, a statement that supplements are again required is to be forwarded to DNES.

21. Books from Section B which are no longer of use as a result of wear and tear or for other reasons, may be returned to SVSO, Sydney, under cover of a Return Voucher (Form SX 27). Since no replacements will be issued other than the regular quarterly supplements, returns are to be limited to such quantities that the total number of books held in Section B of the library does not fall below the number authorised for the initial supply for this section as detailed in Paragraph 8 of this order.

**Losses**

22. The Instructor Officer (or Education Officer) is to take all reasonable precautions to avoid the loss of library books in his charge, but these precautions are not to be such as may restrict the use of the library, and it is appreciated that if this is done, a small number of unaccountable losses may occur.

23. Cases of loss or damage by borrowers are to be investigated by the Instructor Officer (or Education Officer). Whenever it appears that loss or damage is due to negligence or misconduct on the part of the borrower, suitable disciplinary action is to be taken against the borrower. For this purpose, the value of any book is to be taken at its cost price, which is notified when the books are supplied. For this reason, it is important that the advance list (*see* Paragraph 5 above) of books supplied, which includes book prices, be retained. However, in cases where price information is not available for Section B books, an average price of \$3.00 per book should be used.

24. Losses of the nature referred to in the preceding paragraph are to be entered in the 'Losses reported on Form AS 126' column of the Form AS 1074 on the next occasion of rendering this form, and the appropriate Forms AS 126 are to be attached.

25. Section B books found to be unaccountably missing at muster are to be entered in the 'Other Deficiencies' column of the Form AS 1074, and are not to be covered by Form AS 126.

26. All Forms AS 126 rendered in connection with ships libraries are to be subject to the approval of the Captain.

**Exchanges**

27. Commanding Officers may authorise the exchange of books between ships on a book for book basis within Section A, and on the same basis for books within Section B. Such exchanges are to be made strictly on this basis, but no advice of books exchanged need be forwarded to DNES.

**Conduct of the Library**

28. The Ships Library Officer is to give each book in the library a serial number by which the book can be identified so long as it remains in his library. This number is to be clearly marked inside the covers of the book, using a rubber stamp in the following form:

HMAS MELBOURNE
Book No. ....

29. Serial numbers are to be arranged in such a way as to indicate the section of the library to which a book belongs.

30. The library should be so located as to provide sailors with ready access to books from Sections A and B, and officers with ready access to books from Section C. However, both officers and sailors are to be permitted to use books from all sections of the library. The library is to be opened to the ships company at such times as may be convenient to permit free circulation of the books.

31. A record of books borrowed is to be maintained by the librarian, and all reasonable precautions are to be taken to ensure that books are returned by borrowers in due course. To facilitate control a 'Borrowers Card', Form AS 3140, is available on demand from SVSO, Sydney; proper use of these cards will enable the librarian at any time to check which books are out on loan, and to whom they have been loaned.

**Disposal of Books Returned to SVSO**

32. Serviceable books from Sections A and B which are returned by ships to SVSO in accordance with Paragraphs 19 and 21 will be stamped on receipt to indicate that they are second-hand books, and distributed through the Base Instructor Officer to small ships and messes which do not carry established libraries. Such books may be exchanged direct, but only for other books in this category and may be discarded when their condition deteriorates. Books classified as second-hand do not require to be accounted for but small ships and messes to whom they are issued should ensure that they have a maximum useful life.

**CENTRAL REFERENCE LIBRARY**

33. In order to make available a wider range of reference and text books than can be provided in ships libraries, Central Reference Libraries are maintained in HMA Ships ALBATROSS, CERBERUS and WATSON. These books cover a wide range of subjects and are intended for both officers and sailors. A catalogue is held by all Senior Instructor Officers and Education Officers.

34. Additions are made to the Central Reference Libraries by DNES as they become available. Recommendations for books considered to be suitable for insertion may be forwarded to DNES. Text books for use with private courses of study will not normally be considered for inclusion in the libraries. Quarterly amendments to the CRL Catalogue are forwarded to all holders for insertion.

35. Books will normally be issued singly for short periods but may also be borrowed in batches for longer periods by arrangement with the Senior Instructor Officer in charge of the library. The officer in charge of the library is to keep detailed records of issues and returns.



**Application to Borrow Books**

36. Personnel serving in HMAS ALBATROSS, CERBERUS or WATSON may apply to the officer-in-charge of the library.

37. Personnel serving in other ships or establishments may apply through their Senior Instructor Officer or Education Officer.

38. The Education Officer will forward a 'book order' form (stocks available from DNES) to the library concerned. The books will be issued to the Education Officer for re-issue to the individual. Thus the Education Officer is responsible for the eventual return of the books to the Central Reference Library, and he is to ensure that books are recovered from personnel about to be appointed away from the ship or establishment.

39. Central Reference Libraries are to be mustered on or about 30 June and 30 November each year as for ships libraries. Additional musters are to be carried out on change of custody. Books on loan need not be recalled for muster, but the officer-in-charge must obtain a certificate of muster (stocks held by DNES) from each Instructor Officer/Education Officer to whom books are on issue.

40. The officer in charge is to be forwarded, in duplicate, a completed certificate of muster through the Captain to the Director of Naval Education Service.

41. Losses are to be dealt with as for losses from ships libraries, and are to be covered by Forms AS 126, approved in each case by the Captain. Again, it is accepted that a number of unaccountable losses will occur at each muster.

42. Navy Orders 201 of 1965 and 228 of 1966 are hereby cancelled.

(DNES 451/51/15)

(Navy Orders 201 of 1965 and 228 of 1966)

**Section 7****CANCELLED LIST**

UNCLASSIFIED

**166—Cancellation of Navy Orders**

The following Navy Orders, having been incorporated into RI (ABR 5016) by Amendment 14, are hereby cancelled:

<i>Navy Order Cancelled</i>	<i>Superseded by RI Article</i>
1965	
631	1624
691	0347
739	6246
779	2605
1966	
605	0845
610	0846
616	1624

(CEO (GS) 465/7/4)

Statement of Financial Position

The Statement of Financial Position of the Company as at 31st December 1999 is as follows:

1. Fixed Assets

Land and Buildings at cost less accumulated depreciation of £100,000

Plant and Equipment at cost less accumulated depreciation of £50,000

Investments at cost less accumulated depreciation of £20,000

Other Assets at cost less accumulated depreciation of £10,000

Total Fixed Assets

Current Assets

Stocks at cost less accumulated depreciation of £10,000

Debtors at cost less accumulated depreciation of £5,000

Prepayments at cost less accumulated depreciation of £2,000

Other Current Assets at cost less accumulated depreciation of £3,000

Total Current Assets

Total Assets

Capital and Reserves

Called-up Share Capital

Reserves

Total Capital and Reserves

Total Assets equals Total Capital and Reserves

ANO's 167-179/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
11 April 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY

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179	Stores (General) (Group Class 5840)—Radar Equipment, Except Airborne—Change of Stock Numbers.

## Section 1 ADMINISTRATIVE AND GENERAL

UNCLASSIFIED

### 167—Role of HMAS STALWART

1. Ideally, ships of the RAN should be able to be maintained by their own ships company from one dockyard refit to another, using facilities on board or at their base to assist in this task. However, Destroyers and Destroyer Escorts cannot carry on board all maintenance facilities and, on occasions, for example in war-time, they might be on operational duties away from needed base facilities for long periods. HMAS STALWART's role is to provide these base facilities on a mobile basis wherever required, so that Destroyers and Destroyer Escorts can spend the maximum time on duty in their operational areas.

2. In peace-time, HMAS STALWART's role will be:

- a. to train her crew and other RAN personnel for her approved task;
- b. to provide a mobile base facility for ships on operational duty or exercises; and
- c. to provide to ships companies during self-maintenance periods, assistance with maintenance and minor repairs so that the ships can be kept at peak efficiency and so that the maximum number of sailors can take shore leave.

3. In carrying out this role, the ship may spend periods moored at a special berth at Garden Island, the main RAN peace-time base and leave port. In no sense will it be part of the dockyard or carry out work allocated to the dockyard. Her crew will normally be supplemented by the Fleet Maintenance Party, who at present assist ships companies during self-maintenance periods. HMAS STALWART will go to sea on exercises when required for duty or training and may spend time assisting ships in self-maintenance periods at Williamstown or other ports.

(FAS(EG) 302/201/62)

## Section 2 PERSONNEL

UNCLASSIFIED

### 168—Restriction of Tattooing in the RAN

1. Junior trainees serving at HMAS CRESWELL, NIRIMBA and LEEUWIN and Supplementary List Midshipmen and recruits at HMAS CERBERUS under the age of 19 years of age are prohibited from having themselves tattooed.

2. The dangers of tattooing are to be included in health lectures of ships companies and particularly to junior members of the Service. The possibility of transmission of homologous serum jaundice, syphilis and other infections by means of unsterile tattooing needles is to be emphasised. It is also to be stressed that once a person is tattooed it is practically impossible to remove a tattoo, even with extensive skin grafts, which cause embarrassing disfigurement.

3. A recent survey carried out in HMAS CERBERUS revealed that of the complement, 30 per cent had been tattooed, all were done at a very young age, and 90 per cent of these people have come to regret the action. The need for better education in this matter is therefore evident.

4. Commanding Officers and Divisional Officers having, as they do, a responsibility to the parents of young members of the Service are to take positive steps wherever possible to discourage the practice of tattooing.

5. Confidential Navy Order 19 of 1966 is hereby cancelled.

(HPB 327/251/71)

(Confidential Navy Order 19 of 1966)

UNCLASSIFIED

**169—Will Not Be Issued**

UNCLASSIFIED

**170—Royal Australian Naval Nursing Service—Reporting Procedure on Form AS 206**

Reports on members of the RANNS are to be made on Forms AS 206, and the following procedure is to be adopted:

a. *Annual Reports*

- (1) Annually on the anniversary of posting or on the date of completion of three months service under the reporting officer, whichever is the later;
- (2) when the reporting officer leaves the establishment concerned within three months of the date on which an annual report is due unless a report has been rendered within the preceding six months.

b. *Reports on Suitability for Confirmation and Promotion*

- (1) When Sisters (on probation) are recommended for confirmation in rank, ie, on completion of 12 months service in the probationary rank;
- (2) half yearly on 15 May and 15 November for Senior Sisters of three years seniority and above, and Sisters of four years seniority and above.

(HPB 303/201/19)

UNCLASSIFIED

**171—Wills—Naval Board Not to be Appointed as Executor**

1. Some cases have occurred where the wills of deceased members have been found to appoint the Naval Board as executor. It is not the function of the Naval Board to administer private estates and the Board will, whenever legally possible, renounce any such appointment.

2. Any member making a will is to be advised not to appoint the Naval Board as executor and his attention is to be drawn to RI Article 1661 (7).

3. RI will be amended in due course.

(CEO(GS) 153/1/37)

**Section 4**

**EQUIPMENT, STORES AND SERVICING**

UNCLASSIFIED

**172—Machinery Spares in HMA Ships and Establishments—Transfer of Responsibility for Custody and Accounting of Spare Gear to Supply Officer**

1. The Naval Board has approved in principle the transfer of responsibility of all aspects of custody and accounting of spare gear in HMA ships and establishments from Technical Officers to Supply Officers.

2. At this stage, no extensive changes are contemplated in the existing approved system of handling and accounting for items of spare gear. The items will be accounted for on naval store forms but procedural changes will be of a minor nature and the basic principles will be unchanged.

3. It should be noted that Technical Officers responsibilities for keeping Lists of Equipment, etc, up to date will continue after transfer of spare gear to the control of the Supply Officer.

4. The transfer will be made progressively in individual ships and establishments over an indefinite period in the following general priorities:

- a. new ships and establishments;
- b. ships and establishments where no major alterations to storerooms are involved; and
- c. other ships and establishments.

5. In the case of new ships and establishments, action to implement the new procedure will be initiated at Navy Office.

6. The particular circumstances applying in ships in commission and existing establishments are to be examined by Commanding Officers and reports furnished to Navy Office through Administrative Authorities detailing the priorities which it is considered are applicable to both the Marine Engineering and Weapons Electrical Engineering spare gear accounting in individual ships and establishments.

7. For ships and establishments considered to be Priority b., the report is to indicate whether transfer of control could be made without undue difficulty and if so the effects on current storekeeping staff, ie, the additional Supply staff, if any, required and the reductions of Technical sailors employed on storekeeping duties to offset these additions.

8. Any proposals for overall increases in staff for ships and establishments in Priority b. are to be supported by facts and figures as much as possible, eg, the number of items held and the average number of transactions per diem over an extensive period. It may be necessary for special investigations (eg, Work Study exercises, etc) to be arranged to determine the future manning requirements, especially in the larger ships or establishments, but wherever possible, this data should be assessed locally.

9. In the case of those ships and establishments which are reported as being considered to be Priority c., broad details of major alterations required to store rooms and any proposals in this regard should be included in the report.

#### Training

10. It is not intended to reduce or delete the storekeeping element of the Technical Officers Writers Course until the change-over has been virtually completed. Initially no increase in course length is envisaged for sailors of the SAN category, but appropriate amendments to syllabuses will be made. Stores identification will not be included initially in SAN training.

(DSAP 1100/51/27)

#### UNCLASSIFIED

##### 173—Naval Stores (General) (Group Class 0413 and 0442)— Impermeable Delivery Hoses—Instructions for Repair

1. Examination of fitted hoses returned to Naval Store Depots for repair or replacement indicates that it may not be generally appreciated that cleaning and repair can be effected using materials and equipment provided for the purpose in the first outfit allowances to HMA ships. Where cleaning or minor repairs are involved the following action should be taken. Impermeable delivery hoses requiring repair should first be thoroughly dried and cleaned in the vicinity of the damage. Any oil or grease must be removed, preferably by soap or detergent and warm water. The use of solvents is undesirable as they are injurious to the rubber lining.

2. Where more than two wefts (circumferential yarns) or two warps (longitudinal yarns) are damaged, they must be unpicked from the edge of the damage for about  $\frac{3}{4}$  in back, using a pricker or other suitable round pointed tool. The short ends of these weft or warp threads must be laid back on themselves and stuck down with Stenor 'Fire' rubber solution. This will prevent them pulling through when hydraulic pressure is applied to the hose. If inspection of the damage reveals that only one or two wefts or warps have been affected, the above preparation to the wefts or warps, as the case may be, is unnecessary.

3. Ordinary rubber solution should not be used as an adhesive, as it is not compounded for vulcanising. 0442-4307 Stenor 'Fire' rubber solution is manufactured to give good adhesion both to a textile and to the prepared surface of the patch when it has been raised to the vulcanisation temperature and pressure. The Stenor 'Fire' solution must be allowed to dry rather than become tacky. This will take from five to ten minutes, depending on atmospheric conditions, and will be indicated by the disappearance of the solvent.

4. Before applying the patch, Stenor 'Fire' rubber solution must be rubbed thoroughly into the surface of the hose round the fracture, and allowed to dry. This will be when the smell of the solvent has disappeared and will probably take about ten minutes. It should be noted that adhesion does not depend upon the tackiness of the rubber solution but upon vulcanisation in contact, and this could be adversely affected by the presence of any unevaporated solvent.

5. Choose a patch of appropriate size as indicated below. No adhesive need be placed on the patch, which should be applied to the damage as directed on the packet. Lay the hose on the base pad of the Stenor patching machine, with the patched part uppermost. The machine incorporates an electrically operated heating element. A small fuse, supplied with each patch, is now placed in position and the lever depressed which holds down the cut-out switch. The fuse melts when the required temperature is reached and the switch can be heard to cut out. When the fuse has operated, leave the hose under the element for four minutes. It may then be removed in the repaired condition.

6. Patches should be selected as follows:

- a. holes or slits up to  $\frac{3}{4}$  in diameter . . . An 0413-4470 patch, round  $1\frac{1}{2}$  in.
- b. holes or slits above  $\frac{3}{4}$  in diameter . . . An 0413-4472 oval patch  $3\frac{1}{2}$  in  $\times$   $1\frac{7}{8}$  in or 0413-4473 oval patch 4 in  $\times$   $2\frac{1}{2}$  in should be used as required.

(DNS 501/57/50)

#### UNCLASSIFIED

##### 174—Naval Stores (General) (Group Class 3439)—Eutectic Welding Kits and Eutectic Eutalloy Kits

1. Eutectic Welding Kits were introduced into service in HMA ships and establishments in accordance with Navy Order 7 of 1967. As a result of usage, it has been discovered that certain modifications to the composition of this kit are desirable. The new kits are detailed at Annex A and the allowances (unchanged) at Annex B.

2. Supply of the additional items to HMA ships and establishments concerned will be effected by SNSO, Sydney, without demand.

3. Navy Order 7 of 1967 is hereby cancelled.

Defence Stock Number	Material	Type	Size	D of Q	Qty	Remarks
3439-66-019-6340	Alutin 51	Solder AL-SN alloy	1/8 in	lb	2	In lieu of Eutecord 6005-1/8 in
3439-66-023-2951	Eutecil 1020FC	Solder Ag alloy	3/16 in	lb	1	
3439-66-021-5562	Eutecrod 21	Rod welding	1/8 in	lb	5	
3439-66-021-5566	Eutecrod 157	Rod welding	1/8 in	lb	2	
3439-66-018-0647	Eutecrod 190	Rod welding	1/8 in	lb	2	
3439-66-021-5568	Eutecrod 196	Rod welding	1/8 in	lb	5	
3439-66-021-5571	Eutecrod 1902	Rod welding	1/8 in	lb	2	
3439-66-025-9257	Eutecbor 9	Rod welding	1/8 in	lb	2	
3439-66-021-5582	Eutecrod 185FC	Rod welding	1/8 in	lb	2	
3439-66-021-5574	Eutecrod 185FC	Rod welding	1/8 in	lb	5	
3439-66-021-5577	Eutector 21	Flux welding	8 oz jar	No	5	
3439-66-021-5578	Eutector 157	Flux welding	8 oz jar	No	1	
3439-66-021-6343	Eutector 190	Flux welding	8 oz jar	No	1	
3439-66-021-5579	Eutector 196	Flux welding	8 oz jar	No	1	
3439-66-021-5580	Eutector 1902	Flux welding	8 oz jar	No	1	
3439-66-025-9258	Eutector 9	Flux welding	8 oz jar	No	1	
3439-66-025-9259	Eutector 51	Flux welding	8 oz jar	No	1	
3439-66-027-4133	Tinweld 1	Solder paste	2 lb tins	No	1	
3439-66-027-4129	Chamferrode	Electrode cutting and welding	3/8 in	lb	1	
3439-66-027-4130	Eutectrode 680	Electrode, welding	3/8 in	lb	2	
3439-66-027-4132	Tinweld III	Solder paste	2 lb tins	No	1	
3439-66-027-4128	Eutecrod 18FC	Brazing alloy, copper	1/8 in	lb	1	
3439-66-026-2732	Eutecrod 14FC	Brazing alloy, cast iron	1/8 in	lb	1	
3439-66-026-2733	Eutecrod 146FC	Brazing alloy, copper	1/8 in	lb	2	
3439-66-027-4131	Staintin 157PA	Solder paste	1 1/4 lb tins	No	1	

ANNEX B

Allowance of Eutectic Welding Kits

Ship	Allowance	Remarks
MELBOURNE .. ..	2 kits	1 for Air purposes
Destroyers (All Classes) .. ..	1 kit each	
Destroyer Escorts (All Classes) .. ..	1 kit each	
SYDNEY .. ..	1 kit	
STALWART .. ..	4 kits	1 for ship 3 for maintenance of ship in SM periods
SUPPLY .. ..	1 kit	
MORESBY .. ..	1 kit	
PLATYPUS .. ..	2 kits	} For maintenance of attached craft
TARANGAU .. ..	1 kit	
WATERHEN .. ..	1 kit	
NIRIMBA .. ..	1 kit	
ALBATROSS .. ..	1 kit	} For instructional purposes
CERBERUS .. ..	1 kit	
KUTTABUL .. ..	1 kit	For Fleet Maintenance Party for emergency use of ships
RAN Air Workshops Randwick, NSW	1 kit	

(DSAP 401/1/73)

(Navy Order 7 of 1967)

UNCLASSIFIED

175—Naval Stores (General) (Group Class 5815)—Teletype and Facsimile Equipment—Re-identification to Federal Stock Numbers

Navy Order 125 of 1967 is to be amended as follows:

Old Stock No:

amend Catalogue Number '00-TT97155' to read '00-TT91755'.

(DSAP 519/58/257)

(Navy Order 125 of 1967)

UNCLASSIFIED

176—Stores (General) (Group Class 1420)—Guided Missile Components—Change of Stock Numbers

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Catalogue Number	Item Name	New Stock Number Group Class	Catalogue Number
00-711-6089	Shaft, lock .. ..	5355	00-619-9602
00-778-3070	Adapter, coaxial .. ..	4935	00-778-3070
00-732-5078	Capacitor .. ..	5910	00-732-5078

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074, RAN Catalogue of Stores, will be amended in due course.

(DSAP 400/70/109)

#### UNCLASSIFIED

##### 177—Stores (General) (Group Class 5815)—Teletype and Facsimile Equipment—Change of Federal Stock Numbers

Navy Order 111 of 1967 is to be amended as follows:

###### Old FSN:

amend Catalogue Number '00-370-0710' to read '00-370-0701'.

(DSAP 519/57/168)

(Navy Order 111 of 1967)

#### UNCLASSIFIED

##### 178—Stores (General) (Group Class 5821)—Radio and Television Communication Equipment, Airborne—Change of Stock Numbers

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Catalogue Number	Item Name	New Stock Number Group Class	Catalogue Number
00-019-6292	Bushing assembly .. ..	5821	00-816-9751
00-019-6293	Screw assembled washer .. ..	5305	00-019-6293
00-019-6299	Bolt assembly, clamp .. ..	5340	00-019-6299
00-329-0006	Spring .. ..	5340	00-329-0006
00-375-4383	Pump, fuel transfer .. ..	2910	00-375-4383
00-390-5793	Washer .. ..	5330	00-390-5793
00-560-5871	Contact, electrical .. ..	5821	00-090-0014
00-560-5876	Shield coil .. ..	5950	00-646-4197
00-560-5960	Gear, spur .. ..	5821	00-813-7182
00-600-1753	Gearshaft spur .. ..	5826	00-600-1753
00-683-4422	Insulation tape, electrical .. ..	5970	00-683-4422
00-701-5021	Plate, teletypewriter .. ..	5815	00-701-5021
00-767-5054	Contact, electrical .. ..	5821	00-081-5971
00-807-1478	Ammeter .. ..	6625	00-702-2946
00-816-3099	Resistor, fixed, wirewound .. ..	5905	00-816-3091

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074, RAN Catalogue of Stores, will be amended in due course.

(DSAP 519/59/907)

#### UNCLASSIFIED

##### 179—Stores (General) (Group Class 5840)—Radar Equipment, Except Airborne—Change of Stock Numbers

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Catalogue Number	Item Name	New Stock Number Group Class	Catalogue Number
00-806-3224	Capacitor .. ..	5910	00-806-3224
00-583-2289	Switch, rotary .. ..	5930	00-583-2289
00-097-1011	Motor, universal .. ..	6105	00-097-1011
00-257-6369	Contact, electrical .. ..	5895	00-257-6369
00-310-0478	Disk, light, filter .. ..	5895	00-310-0478
00-313-8062	Contact, electrical .. ..	5895	00-313-8062
00-338-1736	Tuned cavity sub-assembly .. ..	5895	00-338-1736
00-387-8565	Shielding gasket .. ..	5999	00-387-8565
00-431-7185	Cavity assembly .. ..	5895	00-791-4337
00-643-7997	Cap, electrical .. ..	5895	00-643-7997
00-695-0185	Bearing, sleeve .. ..	3120	00-695-0185
00-717-6272	Flange .. ..	1430	00-717-6272

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074, RAN Catalogue of Stores, will be amended in due course.

(DSAP 519/61/66)



1. The first section of the instrument has been changed as follows:

174—State General Land Office—Public Lands—Private Rights—Change of State Boundaries

Section	Page	Page
174	11	11
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220	11	11
221	11	11
222	11	11
223	11	11
224	11	11
225	11	11
226	11	11
227	11	11
228	11	11
229	11	11
230	11	11

2. The second section of the instrument has been changed as follows:

231—State General Land Office—Public Lands—Private Rights—Change of State Boundaries

ANO's 180-181/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
29 April 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

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181	Distribution of Magazines, Pamphlets and Amendments to Publications, Etc, During January 1968

## Section 5

### BOOKS, CORRESPONDENCE, FORMS AND STATIONERY

#### UNCLASSIFIED

#### 180—Distribution of Magazines, Pamphlets and Amendments to Publications, Etc, During December 1967

1. The magazines, pamphlets and amendments to publications, etc, and SC Series contained in the Annex to this order, have been distributed to ships and Services during December 1967.

2. Copies of amendments referred to in the Annex to this order are available for supply to holders of personal copies of Books of Reference and Air Publications in accordance with Article 2517 (6) of ABR 4.

#### ANNEX

#### BOOKS, MAGAZINES AND PAMPHLETS

<i>Publication</i>	<i>Date</i>
Aeroplane .. .. .	27.9.1967
Aeroplane .. .. .	4.10.1967
Aeroplane .. .. .	18.10.1967
Aeroplane .. .. .	20.9.1967
CB/REL/030 Component Bulletin: Sense and Nonsense in Electronic Reliability Engineering	June, 1967
CB/GEN/028 Australian Made Semi-conductors	April 1967
CB/GEN/031 Withdrawal of Qualification Approval UK	June 1967
CB/GEN/032 Liquid Cooling Semi-conductor Devices	June 1967
CB/Spec/029 Cancellation of US Specification MIL-C-26655B for Tantalum Capacitors	August 1967
<i>Naval Ships Systems</i>	
Command Technical News .. .. .	August 1967
Command Technical News .. .. .	September 1967
Command Technical News .. .. .	October 1967
Electrical Design News .. .. .	8.11.1967
Electrical Design News (Special Issue) .. .. .	22.11.1967
Flight .. .. .	21.9.1967
Flight .. .. .	29.9.1967
Flight .. .. .	5.10.1967
Flight .. .. .	19.10.1967
Flight .. .. .	12.10.1967
Flight .. .. .	26.10.1967
Flight .. .. .	2.11.1967
HMSO List of Governmental Publications .. .. .	July 1967
Joint Services Recognition Journal Vol 22 No 5	May 1967
MD Memorandum Merchant and Shipping Notice No M 525	May 1967

BOOKS, MAGAZINES AND PAMPHLETS—*continued*

<i>Publication</i>	<i>Date</i>
Naman Vol 22 .. .. .	31.10.1967
Naman Vol 22 .. .. .	29.11.1967
The Communicator Vol 18 No 5 .. .. .	Summer 1967
The Navy List .. .. .	August, 1967
US Navy Communication Bulletin OPNAV 94 No 98	October–November 1967

## NAVWEP AMENDMENTS

<i>Navwep</i>	<i>Change</i>
OP 0 36th Rev .. .. .	Suppl 1 1.5.1967
OP 1764 Vol 1 .. .. .	Change 2 1.5.1967
OP 1764 Vol 2 .. .. .	Change 2 1.5.1967
OP 1764 Vol 3 .. .. .	Change 3 1.5.1967
OP 1764 Vol 4 .. .. .	Change 1 15.3.1967
OP 1764 Vol 4 .. .. .	Change 4 1.5.1967
OP 1764 Vol 5 .. .. .	Change 5 1.10.1965
OP 1764 Vol 5 .. .. .	Change 6 1.5.1967
OP 1764 Vol 6 .. .. .	Change 2 1.5.1967
OP 1764 Vol 7 .. .. .	Change 2 1.5.1967
OP 1764 Vol 9 .. .. .	Change 3 1.5.1967
OP 1764 Vol 10 .. .. .	Change 3 1.5.1967
OP 1764 Vol 11 .. .. .	Change 2 1.5.1967
OP 2579 PMS/SMS Vol 1 .. .. .	Change 3 1.4.1967
OP 2579 PMS/SMS Vol 1 .. .. .	Change 4 15.4.1967
OP 2579 PMS/SMS Vol 4 .. .. .	ACN 4-1 15.9.1967
OP 2585 PMS/SMS Vol 3 .. .. .	Change 1 1.7.1967
OP 2585 PMS/SMS Vol 3 .. .. .	Change 2 15.7.1967
OP 2585 PMS/SMS Vol 3 .. .. .	Change 3 1.8.1967
OP 2585 PMS/SMS Vol 4 .. .. .	ACN 6-3 1.9.1967
OP 2585 PMS/SMS Vol 5 .. .. .	Change 1 1.7.1967
OP 2585 PMS/SMS Vol 5 .. .. .	Change 2 15.7.1967
OP 2585 PMS/SMS Vol 5 .. .. .	Change 3 1.8.1967
OP 2665 Supp Vol 1 .. .. .	Change 4 15.7.1967
OP 2665 Vol 5 .. .. .	Change 7 15.6.1967
OP 2665 IPB Vol 5 .. .. .	Change 7 1.7.1967
OP 2665 IPB Vol 5 1st Rev .. .. .	Change 10 15.7.1967
OP 2725 Vol 2 .. .. .	ACN 6-1 15.9.1967
OP 2782 Vol 2 .. .. .	Change 3 15.6.1967
OP 2976 Vol 2 .. .. .	ACN 5-4 1.8.1967
OP 3041 Vol 1 .. .. .	Change 2, 4, 5, 6
OP 3177 Supp .. .. .	Change 1 15.5.1967

## BR AMENDMENTS

<i>BR No</i>	<i>Amendment No</i>
BR 70 .. .. .	Corr to 30.6.1967
BR 70 .. .. .	Corr to 31.7.1967
ABR 93 .. .. .	Amendment 5 Part I, Part II
BR 125 .. .. .	Supp No 4 (October 1967)
BR 125 .. .. .	New Entries No 4 October 1967
BR 125 .. .. .	Statistical Tables October 1967
BR 191 .. .. .	Change No 3
BR 292 .. .. .	Change No 2
BR 303 (3) .. .. .	Change No 2
BR 996 .. .. .	Change No 2
BR 1928 .. .. .	Change No 5
BR 1950 .. .. .	Change No 12
BR 2130 (3F) .. .. .	Change No 5
BR 2130 (3G) .. .. .	Change No 5
BR 2326 .. .. .	AL 12
BR 3000 .. .. .	Change No 16
MBR 8074 .. .. .	Supp No 10 October 1967
MBR 8150 .. .. .	Change No 3
BR 825 (8A) .. .. .	Change No 2
BR 825 (8B) .. .. .	Change No 2
BR 825 (8C) .. .. .	Change No 2

## AMENDMENTS TO AIR PUBLICATIONS

<i>AP No</i>	<i>AL or Leaflet</i>
116B-0901-1 .. .. .	AL 2 with Corrigendum AL 4
107B-0105-1 .. .. .	AL 1
1086 (1966 Edition) Section 27BB .. .. .	AL 2
2530 M Vol 2 .. .. .	(AL 29)-B 22
2890 SC Vol 2 .. .. .	(AL 21)-B 14
3042 A Book 4 Section 7 .. .. .	AL 16
4269 C 2nd Edition PN .. .. .	AL 7
4360 C 2nd Edition PN .. .. .	AIL (RAN) 2
4487 A 2nd Edition PN .. .. .	AL 6
(RAN) 8 Vol 1 Book 1 .. .. .	AL 107
(RAN) 8 Vol 5 Book 1 .. .. .	AL 18
(RAN) 8 Vol 5 Book 2 .. .. .	AL 64
(RAN) 8 Vol 5 Book 3 .. .. .	AL 17
(RAN) 8 Vol 6 Book 1 .. .. .	AL 23
(RAN) 10 Vol 1 Book 4 .. .. .	AL 36
(RAN) 25 .. .. .	AL 3
Nimbus Service Bulletin .. .. .	Transmittal Letter No 56

## UNCLASSIFIED

## 181—Distribution of Magazines, Pamphlets and Amendments to Publications, Etc, During January 1968

1. The magazines, pamphlets and amendments to publications, etc, and SC Series contained in the Annex to this order, have been distributed to ships and Services during January 1968.

2. Copies of amendments referred to in the Annex to this order are available for supply to holders of personal copies of Books of Reference and Air Publications in accordance with Article 2517 (6) of ABR 4.

## ANNEX

## BOOKS, MAGAZINES AND PAMPHLETS

Publication	Date
Aeroplane .. .. .	11.10.1967
Aeroplane .. .. .	25.10.1967
Aeroplane .. .. .	1.11.1967
Aeroplane .. .. .	13.12.1967
Aeroplane Vol 115 No 2932 .. .. .	27.12.1967
Aircraft Vol 47 No 3 .. .. .	December 1967
Aircraft Vol 47 No 4 .. .. .	January 1968
International Electronics Vol 13 No 6 .. .. .	December 1967–January 1968
RN Medical Journal Vol L 111 No 1 .. .. .	Spring 1967
RN Medical Journal Vol L 111 No 2 .. .. .	Summer 1967
RN Medical Journal Vol L 11 No 2 .. .. .	Summer 1966

## BR AMENDMENTS

BR No	Change No
ABR 27 .. .. .	Amendment 27
ABR 27 .. .. .	Amendment 28
BR 217 (3B) .. .. .	Change 4
BR 994 .. .. .	Change 8
BR 994 .. .. .	Change 9
BR 1145 (1) .. .. .	Change 4
BR 1152 .. .. .	Change 7
BR 1152 .. .. .	Change 8
BR 3601 .. .. .	Change 51
ABR 5009 .. .. .	Change 4
ABR 5016 .. .. .	Amendment No 14 and Errata
ABR 5038 .. .. .	Change 5
ABR 5063 Vol 2 .. .. .	Change 1
MBR 8074 .. .. .	Suppt No 11 November 1967
MBR 8142 .. .. .	Aust Suppt (ATP 10) A October 1967
MBR 8142 .. .. .	Errata Aust Suppt (ATP 10) A October 1967

List of Propellant Lots Acceptable for Navy Service 1958 Amendments Nos 47, 48, 49

## SIGNAL CORRECTION

ACP No	Correction No
ACP 121 .. .. .	Com Suppt (1A) dated November 1966

## AMENDMENTS TO AIR PUBLICATIONS

AP No	AL or Leaflet
2533 K Vol 2 .. .. .	AL (RAN) 1
(RAN) 4 Vol 5 Book 2 .. .. .	AL 11
(RAN) 7 Vol 2 .. .. .	AL 2
(RAN) 7 Vol 5 Book 2 .. .. .	AL 21
(RAN) 8 Vol 1 Book 1 .. .. .	AL 113, 114, 115, and 116
(RAN) 8 Vol 1 Book 2 .. .. .	AL 41, 42, 43, 44 and 54
(RAN) 8 Vol 1 Book 3 .. .. .	AL 38
(RAN) 8 Vol 1 Book 4 .. .. .	AL 13, 14, 15 and 16
(RAN) 8 Vol 1 Book 6 .. .. .	AL 45, 46, 47 and 52
(RAN) 8 Vol 1 Book 7 .. .. .	AL 23
(RAN) 8 Vol 2 Books 1 and 2 .. .. .	AL 29
(RAN) 8 Vol 3 Part 2 .. .. .	AL 33
(RAN) 8 Vol 5 Book 2 .. .. .	AL 71
(RAN) 8 Vol 6 Part 2 .. .. .	AL 58
(RAN) 8 Pilots Notes .. .. .	AL 13
(RAN) 8 Aircrew Notes .. .. .	AL 4
(RAN) 8 Vol 6 Part 1 .. .. .	AL 25
(RAN) 9A Vol 6 Part 2A .. .. .	AL 18
(RAN) 9AB Vol 2 .. .. .	AIL (RAN) 8
(RAN) 9B Vol 1 .. .. .	AL 9
(RAN) 9B Vol 3 Part 1 .. .. .	AL 1
(RAN) 9B Vol 6 Part 1 .. .. .	AL 6
(RAN) 9B Vol 6 Parts 2A, 3, 4A .. .. .	AL 8
(RAN) 10 Vol 3 Part 1 .. .. .	AL 9, 10, 11 and 12
(RAN) 10 Vol 3 Parts 1 to 4 .. .. .	AL 15
(RAN) 19 Vol 2 Book 1 .. .. .	AL 23
(RAN) 19 Vol 5 Book 1 .. .. .	AL 19
(RAN) 19 Vol 5 Book 2 .. .. .	AL 41
(RAN) 37 Vol 2 .. .. .	AL 1
Appendix 18 .. .. .	AL 10 and 11
Table of Contents (17th Edt) .. .. .	Sub AL 72, 73, 74, 75, 76, 77, 78 and 79
Joint Aviation Standards and Procedures .. .. .	AL 23 and 24
Retrospective Modification Booklet Book 1 .. .. .	AL 14
Retrospective Modification Booklet Book 2 .. .. .	AL 9
Retrospective Modification Booklet Book 3 .. .. .	AL 9
Retrospective Modification Booklet Book 4 .. .. .	AL 9
<i>AAP No 2 GCC:</i>	
5810 (7th Edt) .. .. .	Sub AL 8
5821 (7th Edt) .. .. .	AL 30
5825 (8th Edt) .. .. .	Sub AL 10
5835 (9th Edt) .. .. .	Sub AL 10
5841 (8th Edt) .. .. .	Sub AL 8
5895 (7th Edt) .. .. .	Sub AL 7
5910 (6th Edt) .. .. .	Sub AL 16
5915 (7th Edt) .. .. .	Sub AL 32
5935 (7th Edt) .. .. .	Sub AL 12
5940 (8th Edt) .. .. .	AL 7
5960 (7th Edt) .. .. .	Sub AL 36
5965 (9th Edt) .. .. .	AL 7
5965 .. .. .	Erratum to AL 7
5995 (9th Edt) .. .. .	AL 7
5999 (10th Edt) .. .. .	AL 8

AMENDMENTS TO AIR PUBLICATIONS—*continued*

<i>AP No</i>	<i>AL or Leaflet</i>
6655 (5th Edt) .. ..	Sub AL 7
7640 (4th Edt) .. ..	Sub AL 4
7930 (3rd Edt) .. ..	Sub AL 10
8010 (7th Edt) .. ..	Sub AL 9
8120 (8th Edt) .. ..	Sub AL 6 (AL 44603)
9930 (8th Edt) .. ..	AL 7
<i>AAO No 2 GCC</i>	
B 16 (1st Edt) .. ..	Sub AL 4
B 16 (2nd Edt) .. ..	Sub AL 5
K 4 (18th Edt) .. ..	Sub AL 10 and 11
<i>AAO No 2 GCC Group G:</i>	
6 C (2nd Edt) .. ..	Sub AL 6
P 1 (7th Edt) .. ..	Sub AL 11 and 12
AAP 711: 54 Vol 2 Parts 1 and 2 .. ..	AL 79
AAP 721: 2 Vol 4 Part 1 .. ..	AL 19, 20 and 21
AAP 721: 65 Vol 2 Part 2 .. ..	AL 212, 213, 215 and 216
AAP 721: 79 Vol 2 Part 2 .. ..	AL 357
AAP 721: 70 Vol 3 Part 1 .. ..	AL 20, 21, 22 and 23
AAP 741: 00 Vol 2 Parts 1 and 2 .. ..	AL 118 and 119
AAP 742: 00 Vol 2 Parts 1 and 2 .. ..	AL 73
AAP 751: 0 Vol 2 Parts 1 and 2 .. ..	AL 46
AAP 791: 10 Vol 4 Part 1 .. ..	AL 1
AAP 792: 20 Vol 4 Part 1 .. ..	AL 1
AAP 28 .. ..	AL 28
AAP 121 .. ..	AL 37
AAP 980 .. ..	AL 2

(D of V 465/57/674)



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
18 April 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

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192	Stores (General) (Group Class 5920)—Fuses and Lightning Arrestors—Change of Stock Numbers.
193	Stores (General) (Group Class 5930)—Switches—Change of Stock Numbers.
194	Stores (General) (Group Class 6210)—Indoor and Outdoor Electric Lighting Fixtures—Change of Stock Numbers.

## Section 1

### ADMINISTRATIVE AND GENERAL

#### UNCLASSIFIED

#### 182—ACNB General Messages

In accordance with Navy Order 724 of 1965, the state of ACNB General Messages at 1 January 1968, is as shown in the Annex to this order.

#### ANNEX

##### 1. The following F messages may now be withdrawn:

1967

002—see ANO 264 of 1967

024—see ANO 237 of 1967

033—see NPI

045—see ABR 10

050—see ANO 537 of 1967

053—see ATP 10A Aust Supp (1967)

053—see ATP 10A Aust Supp (1967)

056—see ATP 10A Aust Supp (1967)

060—see ATP 10A Aust Supp (1967)

062—see ANO 535 of 1967

067—see ANO 415 of 1967

072—see CANO 67 of 1967

##### 2. At 0001Z 1 January 1968, the following F messages were in force:

1967

007, 010, 027, 043, 063, 087, 088, 089, 091, 092, 093, 099, 102, 106, 107, 111, 112, 114, 115, 116, 117, 119, 120, 121.

(AS(NS) 77/1/14)

(Navy Order 724 of 1965)

#### UNCLASSIFIED

#### 183—Commissioning

The following commissionings have been effected:

HMAS GULL	..	..	..	..	16 February 1968
HMAS HAWK	..	..	..	..	16 February 1968
HMAS SNIPE	..	..	..	..	21 February 1968
HMAS SAMARAI	..	..	..	..	1 March 1968

(AS (NS) 1211/251/200)



**Section 2**  
**PERSONNEL**

## UNCLASSIFIED

**184—Hard-lying Money for Personnel in Ships Undergoing Refit or Whilst Reducing to Reserve**

1. With reference to NPI 119/6 the Naval Board have approved that in the case of seagoing ships, Hard-lying Money is payable during periods of refit or whilst reducing to reserve.

2. With effect from 1 March 1968, the following ships when in commission are to be regarded as seagoing for the purpose of the preceding paragraph:

*HMA Ships*

ANZAC	PALUMA
BRISBANE	PARRAMATTA
DERWENT	PERTH
DIAMANTINA	QUEENBOROUGH
DUCHESS	SNIPE
GULL	STALWART
HAWK	STUART
HOBART	SUPPLY
KIMBLA	SYDNEY
MELBOURNE (except during 1968 extended refit)	VAMPIRE
	VENDETTA
MORESBY	YARRA

3. Naval personnel living and sleeping on board these ships may, therefore, be paid Hard-lying Money in respect of any day on which the ship is undergoing refit, or reducing to reserve.

4. Payment during these periods is only to be made where the member otherwise qualifies for payment under the normal rules governing payment to personnel serving in a seagoing ship as contained in NPI 119-119/5 and 119/7-119/10 inclusive.

5. The list of ships shown above will be amended as required.

6. Navy Order 408 of 1966 is hereby cancelled.

(HPB 252/6/4)

*(Navy Order 408 of 1966)*

## UNCLASSIFIED

**185—List of Effects of Deceased Members**

1. RI Article 1672, as amended by amendment No 14, reduced the number of copies of Forms AS 46 (Inventory of Effects) sent to Navy Office from two copies to one copy (1672 (8)).

2. In future, an inventory of effects is to be made out and dispatched as follows:

a. *Where a Supply Officer is borne*—three copies to be made out, two copies to be dispatched to Navy Office.

b. *Where a Supply Officer is Not borne*—four copies to be made out, three of these to be dispatched to the Supply Officer responsible for the pay accounts of the ship, who is to dispatch two copies to Navy Office.

3. RI 1672 is to be noted and will be amended in due course.

(2NM 910/251/25)

## UNCLASSIFIED

**186—Members Serving in Darwin—Leave Travel Entitlement**

1. Where a member serving in Darwin completes his initial tour of duty and volunteers and is posted for a further tour of duty in the area he consequently is entitled to a free or assisted return leave travel warrant to his home town in the case of unmarried or married unaccompanied members or to the nearest capital city in the case of married accompanied members. Provision now exists for the member to apply the cost of his entitlement towards payment of a return fare to an overseas location provided that:

- a. the member has a clear entitlement to a leave travel warrant; or
- b. the Commanding Officer is satisfied that the leave will be of a recuperative nature and the area to which leave is requested is acceptable from a Service viewpoint.

2. The maximum entitlement in the case of married unaccompanied and unmarried members is limited to the cost of return air fares to Adelaide at the appropriate standard. The same maximum will apply in the case of married accompanied members who have a 'free' travel entitlement. Members who have only an 'assisted' leave travel entitlement (ie, subject to a contribution by the member) will be required to contribute the appropriate sum in order to receive the benefit.

3. This entitlement may be applied to married unaccompanied and unmarried members forthwith. However, in the case of married accompanied members approval may be given to this entitlement in principle but the member cannot be reimbursed until statutory cover has been obtained. Further advice will be issued in this regard.

4. NPI should be noted pending amendment.

(HPB 187/1/246)

**Section 4**

**EQUIPMENT, STORES AND SERVICING**

## UNCLASSIFIED

**187—Alteration and Addition Item—HMAS SYDNEY**

Navy Order 151 of 1968 is to be amended as follows:

**Item:**

*delete* existing Part b. and *insert* the following in lieu:

'b. fitting a seven inch isolating sluice valve in the oil fuel working space.'

(CNTS 1213/53/170)

*(Navy Order 151 of 1968)*

## UNCLASSIFIED

**188—Naval Stores—Paints, Oils, Greases, Inflammables (Group Class 0442/0474/0475)—Re-identification to Defence Stock Numbers**

Navy Order 146 of 1967 is to be amended as follows:

a. *amend* '0442 L59126 Group Class 5610' to read 'Group Class 8010' and Description to read 'Paint, oil, non-slip'.

b. *amend* '0442 L59128 Group Class 5610' to read 'Group Class 8010' and Description to read 'Paint, oil, non-slip'.

- c. amend '0442 L59130 Group Class 5610' to read 'Group Class 8010' and Description to read 'Paint, oil, non-slip'.
- d. amend '0442 L59133 Group Class 5610' to read 'Group Class 8010' and Description to read 'Paint, oil, non-slip'.
- e. amend '0442 L59137 Group Class 5610' to read 'Group Class 8010' and Description to read 'Paint, oil, non-slip'.
- f. amend '0442 L59140' to read '0442 L59143': 'Group Class 5610' to read 'Group Class 8010' and Description to read 'Paint, oil, non-slip'.
- g. amend '0442 L59146 Group Class 5610' to read 'Group Class 8010' and Description to read 'Paint, oil, non-slip'.
- h. amend '0442 L59439 Catalogue No 66-013-2383' to read '66-027-4111' and Container Capacity to read '5 Gal'.
- j. amend Container Capacity for '0442 L59706' and '0442 L59720' to read '5 Gal'.

(DSAP 512/51/85)

(Navy Order 146 of 1967)

UNCLASSIFIED

**189—Stores (General) (Group Class 4730)—Fittings and Specialities, Hose, Pipe and Tube—Change of Stock Numbers**

1. The Stock Numbers of the undermentioned items have been changed as follows:

Old Stock Number		Item Name	New Stock Number	
Group Class	Catalogue Number		Group Class	Catalogue Number
4730	00-202-6209	Bushing machine .. ..	5340	00-202-6209
4730	00-202-7710	Adapter .. ..	4730	00-595-1078
4730	00-278-0676	Plug, pipe .. ..	4730	00-277-5357
4730	00-287-0298	Plug, pipe .. ..	4730	00-203-3831
4730	00-289-4673	Plug, pipe .. ..	4730	00-278-3462
4730	00-479-0516	Plug, pipe .. ..	4730	00-595-0636
4730	00-386-4441	Insert screw thread .. ..	5340	00-386-4441
4730	00-529-4785	Bushing machine .. ..	5815	00-529-4785
4730	00-529-4793	Bushing machine .. ..	5815	00-529-4793
4730	00-542-3489	Bushing machine .. ..	5340	00-542-3489
4730	00-595-0636	Insert screw thread .. ..	5340	00-595-0636
4730	00-595-0637	Insert screw thread .. ..	5340	00-595-0637
4730	00-595-0639	Insert, screw .. ..	5340	00-595-0639
4730	00-702-0125	Adapter conn .. ..	5935	00-683-7892
4730	00-720-4138	Plug, machine thread .. ..	5340	00-720-4138
4730	00-773-2610	Insert screw thread .. ..	4730	00-067-4808
4730	00-791-6073	Coupling .. ..	1615	00-791-6073

2. The USA has advised that the undermentioned Federal Stock Numbers for Non-Standard items are replaced by Standard Items.

3. Accordingly, the Federal Stock Numbers have been declared obsolescent superseded by the standard item, as follows:

Obsolescent Item			Superseding Item		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
4730	00-834-6187	Plug, pipe .. ..	4730	00-289-5176	
4730	00-187-4241	Plug, pipe .. ..	4730	00-359-3872	

4. The obsolescent symbol 'O' is to be inserted against all records of these items.

5. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

6. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 501/80/101)

UNCLASSIFIED

**190—Stores (General) (Group Class 5841)—Radar Equipment, Airborne—Change of Stock Numbers**

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Old Stock Number			New Stock Number		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5841	00-693-8222	Generator .. ..	5841	00-553-3926	
5841	00-735-9646	Box assembly, strip .. ..	6625	00-735-9646	
5841	00-802-7109	Tube assembly .. ..	4310	00-802-7109	
5841	00-585-7248	Packing .. ..	5330	00-222-2767	
5841	00-632-3920	Screw .. ..	5845	00-632-3920	
5841	00-342-2114	Chassis assembly .. ..	5841	00-505-2785	
5841	00-975-2623	Steel bar, corrosion .. ..	9510	00-975-2623	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/59/945)

UNCLASSIFIED

**191—Stores (General) (Group Class 5895)—Miscellaneous Communication Equipment—Change of Stock Numbers**

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Old Stock Number			New Stock Number		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5895	00-010-9393	Power supply .. ..	5895	00-740-3884	
5895	00-295-7001	Cabinet, electrical .. ..	5975	00-295-7001	
5895	00-296-2031	Adaptor, coaxial .. ..	5985	00-296-2031	
5895	00-296-2034	Antenna .. ..	5985	00-296-2034	
5895	00-296-2299	Switch, radio frequency .. ..	5985	00-296-2299	
5895	00-564-6048	Gear shaft .. ..	5895	00-562-7190	
5895	00-666-0052	Switch .. ..	5930	00-050-0706	
5895	00-978-2744	Gasket .. ..	8115	00-978-2744	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/70/206)

## UNCLASSIFIED

### 192—Stores (General) (Group Class 5920)—Fuses and Lightning Arrestors—Change of Stock Numbers

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Old Stock Number		Item Name	New Stock Number	
Group Class	Catalogue Number		Group Class	Catalogue Number
5920	00-296-3779	Fuse .. ..	5920	00-879-3570
5920	00-281-0209	Fuse .. ..	5920	00-879-9934
5920	00-295-7787	Fuse .. ..	5920	00-060-2424
5920	00-281-9494	Screw, machine .. ..	5305	00-281-9494
5920	00-012-4262	Screw cap, hexagon .. ..	5305	00-012-4262
5920	00-221-4519	Fuse .. ..	5920	00-284-6787
5920	00-229-1341	Fuse .. ..	5920	00-295-9595
5920	00-247-2676	Fuse .. ..	5920	00-251-7611
5920	00-247-3815	Fuse .. ..	5920	00-568-0926
5920	00-280-4009	Fuse .. ..	5920	00-280-3159
5920	00-280-8585	Fuse .. ..	5920	00-189-0851
5920	00-281-0208	Fuse .. ..	5920	00-280-4465
5920	00-296-5851	Fuse .. ..	5920	00-931-6270
5920	00-642-7415	Fuse .. ..	5920	00-235-8365
5920	00-781-3827	Fuse .. ..	5920	00-655-1144
5920	00-473-5912	Fuse .. ..	5920	00-296-3779
5920	00-501-1658	Fuse .. ..	5920	00-474-6125
5920	00-503-3972	Fuse .. ..	5920	00-557-6057
5920	00-517-6024	File, rotary .. ..	3455	00-517-6024
5920	00-553-4324	Fuse .. ..	5920	00-568-0926
5920	00-553-4843	Fuse .. ..	5920	00-660-6705
5920	00-592-0142	Holder, electrical .. ..	5977	00-592-0142
5920	00-604-2537	Fuse .. ..	5920	00-326-9801
5920	00-665-0900	Fuse .. ..	5920	00-296-0531

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 506/51/313)

## UNCLASSIFIED

### 193—Stores (General) (Group Class 5930)—Switches—Change of Stock Numbers

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Old Stock Number		Item Name	New Stock Number	
Group Class	Catalogue Number		Group Class	Catalogue Number
5930	00-050-2635	Switch .. ..	5930	00-655-1307
5930	00-232-1506	Switch .. ..	5930	00-548-4315
5930	00-253-0529	Spring battery shield .. ..	1560	00-253-0529
5930	00-253-8796	Switch .. ..	5930	00-549-0585
5930	00-258-5256	Switch .. ..	5930	00-239-3633
5930	00-258-5267	Switch .. ..	5930	00-204-6395
5930	00-296-6971	Switch .. ..	5930	00-258-4604
5930	00-351-7178	Switch .. ..	5930	00-549-0907
5930	00-369-8514	Switch .. ..	5930	00-523-1927
5930	00-391-9876	Contact, electrical .. ..	5815	00-193-2786
5930	00-391-9877	Contact, electrical .. ..	5815	00-193-2787
5930	00-392-1686	Switch .. ..	5930	00-188-7270
5930	00-544-8281	Switch .. ..	5930	00-296-7115
5930	00-548-8777	Switch .. ..	5975	00-539-7023
5930	00-548-9344	Switch .. ..	5930	00-504-6855
5930	00-583-7785	Switch .. ..	5930	00-254-0368
5930	00-605-8645	Switch .. ..	5930	00-823-0853
5930	00-607-8129	Switch .. ..	5930	00-636-3146
5930	00-608-6468	Switch .. ..	5930	00-729-8720
5930	00-617-3397	Connector receptacle .. ..	5935	00-617-3397
5930	00-646-5213	Switch .. ..	5930	00-296-9357
5930	00-665-1574	Panel, patching .. ..	5820	00-665-1574
5930	00-704-1201	Switch .. ..	5930	00-703-4981
5930	00-713-0069	Switch .. ..	5930	00-646-4360
5930	00-813-3412	Switch .. ..	5930	00-821-3316
5930	00-472-1932	Switch .. ..	5930	00-636-0996
5930	00-501-0109	Switch .. ..	5930	00-296-9271
5930	00-617-5271	Switch .. ..	5930	00-577-2327
5930	00-293-9803	Shaft propulsion .. ..	2010	00-293-9803
5930	00-237-8280	Switch .. ..	5930	00-549-0738
5930	00-391-9650	Contact .. ..	5815	00-224-5854
5930	00-591-8878	Ring .. ..	5340	00-649-8045
5930	00-718-6861	Switch .. ..	5930	00-809-6543
5930	00-504-8895	Switch, toggle .. ..	5930	00-296-5782

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 505/87/655)

## UNCLASSIFIED

**194—Stores (General) (Group Class 6210)—Indoor and Outdoor Electric Lighting Fixtures—Change of Stock Numbers**

1. The Stock Numbers of the undermentioned items have been changed, as follows:

<i>Old Stock Number</i>		<i>Item Name</i>	<i>New Stock Number</i>	
<i>Group Class</i>	<i>Catalogue Number</i>		<i>Group Class</i>	<i>Catalogue Number</i>
6210	00-951-8293	Guard, lamp .. ..	6250	00-951-8293
6210	00-536-0996	Light .. ..	6210	00-299-5034
6210	00-030-2444	Light .. ..	6210	00-836-2564
6210	00-231-4663	Light .. ..	6210	00-753-2289
6210	00-299-4100	Light .. ..	6210	00-233-5333
6210	00-299-6393	Light .. ..	6210	00-299-4051
6210	00-635-3354	Light .. ..	6210	00-519-0448
6210	00-652-3430	Light .. ..	6210	00-892-4500
6210	00-725-1689	Light .. ..	6210	00-965-1366
6210	00-765-9455	Lamp, cartridge .. ..	6240	00-765-9455
6210	00-783-0105	Light .. ..	6210	00-299-4981
6210	00-791-5488	Light .. ..	6210	00-813-2725
6210	00-803-4614	Light .. ..	6220	00-682-9833
6210	00-539-8291	Light, panel .. ..	6220	00-299-6656
6210	00-526-0637	Lens, indicator light ..	6210	00-892-5165

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/75/164)



# AUSTRALIAN NAVY ORDER

Navy Office, Canberra,  
19 April 1968.

The enclosed order is promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*J. Handau.*

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers in  
Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY

## Section 4

## EQUIPMENT, STORES AND SERVICING

## UNCLASSIFIED

## 195—Stores (General) (Group Class 5815)—Teletype and Facsimile Equipment—Change of Stock Numbers

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Old Stock No		Item Name	New Stock Number	
Group Class	Catalogue Number		Group Class	Catalogue Number
5815	00-085-4111	Cam .. ..	5815	00-021-0813
5815	00-091-9556	Bushing .. ..	5815	00-679-8453
5815	00-091-9590	Nut steering .. ..	5815	00-679-8454
5815	00-092-1417	Extension level .. ..	5815	00-705-5778
5815	00-092-1426	Spring .. ..	5815	00-525-2193
5815	00-092-1497	Ring, clutch .. ..	2805	00-092-1497
5815	00-124-3974	Flange, toilet relief .. ..	4730	00-124-3974
5815	00-125-4895	Spring .. ..	5340	00-598-3141
5815	00-125-4920	Cushion, transmitter .. ..	9320	00-125-4920
5815	00-125-4943	Bracket .. ..	5815	00-923-8248
5815	00-125-4968	Pawl ratchet .. ..	5815	00-391-9723
5815	00-125-5158	Screw .. ..	5305	00-638-3667
5815	00-125-5772	Spacer, sleeve .. ..	5340	00-125-5772
5815	00-125-5796	Stud .. ..	5307	00-207-8158
5815	00-125-5820	Wick .. ..	9390	00-599-8519
5815	00-126-3956	Copyholder .. ..	5815	00-521-1357
5815	00-126-4212	Copyholder .. ..	4730	00-202-8887
5815	00-126-7680	Copyholder .. ..	6350	00-504-1830
5815	00-126-7926	Wick .. ..	5815	00-551-3828
5815	00-126-8109	Wick .. ..	5815	00-369-8711
5815	00-126-8179	Bar type .. ..	5815	00-313-8804
5815	00-127-1963	Bar type .. ..	5815	00-530-3164
5815	00-127-1986	Spring .. ..	5340	00-527-1847
5815	00-127-2021	Wick .. ..	5815	00-530-3182
5815	00-127-2061	Wick .. ..	5815	00-525-1198
5815	00-127-2074	Wick .. ..	5815	00-314-1114
5815	00-127-2086	Wick .. ..	5815	00-525-1200
5815	00-127-2121	Bumper rubber .. ..	5815	00-526-4061
5815	00-127-2191	Screw .. ..	5305	00-207-7335
5815	00-127-6389	Wick .. ..	9390	00-318-5326
5815	00-128-6329	Collar spacing .. ..	5815	00-569-0078
5815	00-129-2981	Collar spacing .. ..	5530	00-129-2981
5815	00-129-9991	Plate assy .. ..	5815	00-525-0839
5815	00-160-0041	Plate assy .. ..	5815	00-533-4435
5815	00-160-0064	Nut .. ..	5310	00-209-2003
5815	00-174-0969	Nut .. ..	9390	00-202-4070
5815	00-193-2808	Relay .. ..	5945	00-295-4856
5815	00-219-6969	Screw .. ..	5305	00-530-9883
5815	00-240-4126	Fuse plug .. ..	5920	00-240-4126
5815	00-258-0128	Resistor adjustable .. ..	5905	00-258-0128
5815	00-264-4017	Key woodruf .. ..	5315	00-264-4017

Old Stock No		Item Name	New Stock Number	
Group Class	Catalogue Number		Group Class	Catalogue Number
5815	00-298-8480	Screw, machine .. ..	5305	00-298-8480
5815	00-300-9755	Lamp, incandescent .. ..	6240	00-300-9755
5815	00-302-6340	Spring .. ..	5815	00-664-2144
5815	00-308-6318	Frame assy, crew .. ..	1560	00-308-6318
5815	00-309-2807	Screw .. ..	5305	00-285-5581
5815	00-309-9574	Cap, exhaust pipe .. ..	2990	00-309-9574
5815	00-313-5349	Nut .. ..	5310	00-596-5193
5815	00-314-0712	Nut .. ..	5815	00-503-7420
5815	00-314-1505	Contact assy .. ..	5815	00-503-8028
5815	00-314-1506	Contact assy .. ..	5815	00-171-3239
5815	00-314-1682	Stud .. ..	5307	00-125-9699
5815	00-314-1683	Stud .. ..	5815	00-193-2813
5815	00-314-1731	Spring .. ..	5930	00-193-2814
5815	00-314-1782	Contact .. ..	5930	00-392-2330
5815	00-314-1847	Spring .. ..	5340	00-194-0679
5815	00-314-1873	Nut .. ..	5310	00-198-3708
5815	00-315-3320	Link assy, auxiliary .. ..	1620	00-315-3320
5815	00-316-9697	Washer .. ..	5310	00-316-9697
5815	00-317-2144	Spring .. ..	5815	00-612-6741
5815	00-318-5039	Screw .. ..	5305	00-639-3277
5815	00-318-5050	Spring .. ..	5815	00-526-1672
5815	00-318-5251	Wick .. ..	5815	00-530-3166
5815	00-318-5258	Nut .. ..	5310	00-527-5842
5815	00-318-5264	Spring .. ..	5815	00-679-8304
5815	00-318-5344	Felt .. ..	5815	00-125-4989
5815	00-318-5357	Link .. ..	5815	00-679-8455
5815	00-320-8153	Latch .. ..	5815	00-568-7919
5815	00-320-8332	Seat assy, aircraft .. ..	1680	00-320-8332
5815	00-324-8373	Key top .. ..	5815	00-125-5096
5815	00-332-2052	Packing .. ..	5330	00-530-0643
5815	00-332-7389	Gear worm .. ..	5815	00-448-1576
5815	00-332-8895	Gear worm .. ..	5120	00-596-4420
5815	00-333-2580	Screw .. ..	5305	00-638-3826
5815	00-335-1448	Plate .. ..	9905	00-820-9794
5815	00-335-1755	Plate switch .. ..	5815	00-820-9780
5815	00-335-2156	Plate switch .. ..	9905	00-808-6945
5815	00-345-8600	Plate switch .. ..	5815	00-125-8133
5815	00-369-8658	Screw .. ..	5305	00-638-9907
5815	00-369-8662	Screw .. ..	5305	00-208-6435
5815	00-369-8674	Screw .. ..	5305	00-286-8946
5815	00-369-8679	Screw .. ..	5305	00-208-0321
5815	00-369-8695	Nut .. ..	5315	00-392-1728
5815	00-369-8720	Terminal .. ..	5940	00-223-4838
5815	00-369-8738	Contact elect .. ..	5930	00-171-3237
5815	00-369-8761	Switch toggle .. ..	5930	00-188-1048
5815	00-369-8797	Screw .. ..	5305	00-531-8583
5815	00-369-8809	Screw .. ..	5305	00-531-0761
5815	00-369-8816	Screw .. ..	5305	00-407-5901
5815	00-369-9004	Screw .. ..	5305	00-637-5462
5815	00-369-9007	Screw .. ..	5305	00-298-2483
5815	00-369-9033	Filter .. ..	5915	00-503-0575

Old Stock No		Item Name	New Stock Number	
Group Class	Catalogue Number		Group Class	Catalogue Number
5815	00-369-9047	Fuse, plug	5920	00-240-4129
5815	00-369-9136	Plate, identification	2590	00-369-9136
5815	00-369-9160	Plate, identification	5815	00-205-4801
5815	00-369-9173	Screw	5305	00-286-3656
5815	00-369-9230	Nut	5310	00-208-8714
5815	00-369-9243	Packing	5330	00-188-4585
5815	00-369-9245	Nut	5310	00-285-8099
5815	00-369-9267	Insulator	5970	00-392-2192
5815	00-369-9295	Insulator	5970	00-351-7798
5815	00-369-9296	Insulator	5315	00-392-2333
5815	00-369-9297	Terminal	5940	00-250-7775
5815	00-369-9311	Screw	5305	00-298-4617
5815	00-369-9333	Screw	5305	00-638-2471
5815	00-369-9341	Screw	5305	00-286-8965
5815	00-369-9352	Terminal	5940	00-241-1773
5815	00-369-9378	Stud	5307	00-125-3395
5815	00-369-9387	Brush	5977	00-296-6128
5815	00-369-9389	Spring	5815	00-205-4589
5815	00-369-9394	Spring	5815	00-257-1748
5815	00-369-9397	Spring	5815	00-526-1657
5815	00-369-9399	Spring	5815	00-351-7787
5815	00-369-9400	Spring	5815	00-526-3861
5815	00-369-9439	Contact elect	5815	00-193-2816
5815	00-369-9450	Spring	5340	00-160-0055
5815	00-369-9453	Spring	5340	00-160-0058
5815	00-369-9478	Contact elect	5815	00-171-3432
5815	00-369-9493	Relay	5945	00-223-4356
5815	00-369-9496	Relay	5815	00-503-7298
5815	00-369-9494	Terminal Board	5815	00-503-8535
5815	00-369-9506	Washer	5310	00-193-7371
5815	00-369-9499	Contact elect	5815	00-171-3430
5815	00-369-9550	Brush	5977	00-129-1949
5815	00-369-9552	Nut	5310	00-297-8941
5815	00-369-9568	Bearing	3110	00-190-9283
5815	00-369-9577	Bearing	6150	00-265-7545
5815	00-369-9608	Cord assy	5995	00-369-9608
5815	00-369-9659	Screw	5305	00-286-4014
5815	00-369-9682	Stud	5307	00-638-9924
5815	00-369-9705	Filter	5915	00-575-2820
5815	00-369-9732	Contact assy	5930	00-504-3774
5815	00-369-9821	Bracket	5815	00-125-4847
5815	00-369-9850	Washer	5310	00-653-0650
5815	00-369-9920	Screw	5305	00-639-6523
5815	00-369-9944	Scales	6670	00-527-7363
5815	00-369-9949	Washer	5310	00-208-8728
5815	00-369-9960	Washer	5120	00-596-4162
5815	00-369-9986	Screw	5305	00-514-7698
5815	00-369-9999	Screwdriver, flat tip	5120	00-369-9999
5815	00-370-0003	Resistor, fixed, wire wound	5905	00-370-0003
5815	00-370-0009	Nut	5310	00-639-7731
5815	00-370-0016	Screw	5305	00-208-0076

Old Stock No		Item Name	New Stock Number	
Group Class	Catalogue Number		Group Class	Catalogue Number
5815	00-370-0021	Nut	5310	00-637-2511
5815	00-370-0037	Screw	5305	00-286-8985
5815	00-370-0043	Washer	5310	00-637-2544
5815	00-370-0044	Washer	5310	00-187-1839
5815	00-370-0093	Packing	5330	00-297-7347
5815	00-370-0097	Spring	5815	00-664-2210
5815	00-370-0105	Washer	5330	00-599-8250
5815	00-370-0130	Washer	5120	00-873-3999
5815	00-370-0133	Screw	5305	00-637-5473
5815	00-370-0134	Screw	5305	00-207-5355
5815	00-370-0139	Washer	5310	00-205-9844
5815	00-370-0154	Washer	5310	00-209-4220
5815	00-370-0160	Wick	5815	00-530-3158
5815	00-370-0166	Screw	5305	00-637-5464
5815	00-370-0168	Screw	5305	00-638-7407
5815	00-370-0190	Stud	5305	00-550-3207
5815	00-370-0195	Screw	5305	00-286-3831
5815	00-370-0199	Washer	5310	00-205-9842
5815	00-370-0201	Washer	5310	00-637-1531
5815	00-370-0202	Screw	5305	00-208-6430
5815	00-370-0214	Screw	5305	00-208-6404
5815	00-370-0217	Washer	5310	00-596-2681
5815	00-370-0244	Washer	5330	00-298-3447
5815	00-370-0245	Screw	5305	00-697-9995
5815	00-370-0247	Washer	5330	00-291-9914
5815	00-370-0372	Washer	5815	00-287-8185
5815	00-370-0379	Screw	5305	00-207-7470
5815	00-370-0393	Screw	5305	00-208-6407
5815	00-370-0394	Washer	5310	00-515-6902
5815	00-370-0402	Stud	5307	00-638-5933
5815	00-370-0430	Spring	5815	00-664-2146
5815	00-370-0487	Bearing sleeve	5815	00-287-8151
5815	00-370-0488	Puller groove	5815	00-528-1311
5815	00-370-0489	Screw	5305	00-638-6054
5815	00-370-0491	Stud	5307	00-207-7730
5815	00-370-0532	Keylever assy	5815	00-564-8873
5815	00-370-0539	Screw	5305	00-637-5470
5815	00-370-0550	Spring	5815	00-663-3366
5815	00-370-0564	Spring	5815	00-664-2140
5815	00-370-0565	Spring	5815	00-663-3310
5815	00-370-0622	Screw	5305	00-207-7927
5815	00-370-0649	Spring	5815	00-663-3358
5815	00-370-0664	Screw	5305	00-637-5471
5815	00-370-0666	Stud	5307	00-370-0666
5815	00-370-0672	Wick	5815	00-530-3178
5815	00-370-0673	Wick	5815	00-530-3179
5815	00-370-0687	Slate designat	5815	00-527-4712
5815	00-370-0690	Screw	5305	00-208-6406
5815	00-370-0695	Washer	5330	00-527-7839
5815	00-370-0708	Contact elect	5815	00-518-9721
5815	00-370-0712	Screw	5305	00-527-3934

Old Stock No		Item Name	New Stock Number	
Group Class	Catalogue Number		Group Class	Catalogue Number
5815	00-370-0741	Screw	5305	00-208-6409
5815	00-370-0745	Screw	5305	00-207-4823
5815	00-370-0752	Washer	5315	00-664-4602
5815	00-370-0754	Washer	5315	00-664-4598
5815	00-370-0756	Washer	5315	00-664-4600
5815	00-370-0758	Washer	5815	00-554-0668
5815	00-370-0764	Spring	5815	00-664-2149
5815	00-370-0765	Clip	5815	00-370-0795
5815	00-370-0773	Gear helical	5815	00-676-6957
5815	00-370-0776	Washer	5310	00-531-1668
5815	00-370-0785	Screw	5305	00-207-4822
5815	00-370-0786	Screw	5815	00-525-1691
5815	00-370-0800	Gear helical	3020	00-856-6367
5815	00-370-0811	Washer	5330	00-599-8282
5815	00-370-0813	Terminal	5940	00-578-9664
5815	00-370-0817	Screw	5305	00-639-3447
5815	00-370-0862	Bearing sleeve	5815	00-287-8149
5815	00-370-0890	Washer	5310	00-596-4770
5815	00-370-0912	Lever stop	5815	00-568-7942
5815	00-370-0924	Screw	5305	00-206-8639
5815	00-370-0925	Screw	5305	00-639-3453
5815	00-370-0927	Screw	5305	00-637-5482
5815	00-370-0929	Washer	5310	00-637-0104
5815	00-370-0934	Screw	5305	00-637-6343
5815	00-370-0936	Screw	5305	00-208-0346
5815	00-370-0946	Screw	5305	00-208-6403
5815	00-370-0948	Pin	5315	00-664-4601
5815	00-370-0950	Spring	5815	00-664-2139
5815	00-370-0964	Stud	5307	00-297-3033
5815	00-370-0970	Spring	5340	00-294-1160
5815	00-370-0985	Washer	5310	00-596-2675
5815	00-370-0987	Bearing sleeve	5815	00-287-8152
5815	00-370-0999	Nut	5310	00-285-8084
5815	00-370-1090	Pin	5315	00-531-7263
5815	00-370-1117	Pulley groove	5815	00-203-1539
5815	00-370-1139	Spring	5815	00-663-3359
5815	00-370-1140	Screw	5305	00-639-5765
5815	00-370-1142	Cable assy	5995	00-370-1142
5815	00-370-1162	Cable assy	5815	00-370-1162
5815	00-370-1164	Screw	5305	00-638-7409
5815	00-370-1165	Spring	5815	00-664-2145
5815	00-370-1166	Screw	5305	00-638-4017
5815	00-370-1182	Filter	5915	00-501-4551
5815	00-370-1184	Screw	5305	00-639-2215
5815	00-370-1187	Screw	5305	00-533-9688
5815	00-370-1188	Suppressor	5915	00-503-3662
5815	00-370-1194	Washer	5310	00-209-0909
5815	00-370-1198	Spring	5815	00-663-3355
5815	00-370-1199	Spring	5815	00-526-1667
5815	00-370-1200	Washer	5310	00-205-9822
5815	00-370-1201	Washer	5310	00-515-7326

Old Stock No		Item Name	New Stock Number	
Group Class	Catalogue Number		Group Class	Catalogue Number
5815	00-370-1204	Washer	5310	00-515-7325
5815	00-370-1240	Screwdriver, flat tip	5120	00-370-1240
5815	00-370-1249	Terminal	5940	00-549-2715
5815	00-370-1259	Screw	5305	00-285-8650
5815	00-370-1276	Spring	5815	00-663-3309
5815	00-370-1318	Bolt	5306	00-639-4453
5815	00-370-1411	Lever	5815	00-075-5780
5815	00-370-1422	Bushing	4730	00-541-1096
5815	00-370-1446	Hub	5815	00-694-1158
5815	00-370-1458	Stud	5307	00-207-8417
5815	00-370-1459	Stud	5307	00-370-1459
5815	00-370-1482	Washer	5310	00-209-4222
5815	00-370-1527	Bail	5815	00-370-1470
5815	00-370-1528	Plate	5815	00-015-1315
5815	00-370-1565	Plate	5815	00-568-9785
5815	00-370-1566	Spring	5815	00-664-2141
5815	00-370-1567	Insulator, plate	5970	00-370-1567
5815	00-370-1570	Screw	5305	00-298-2924
5815	00-370-1679	Screw	5305	00-208-8883
5815	00-370-1700	Screw	5355	00-667-7880
5815	00-370-1713	Spring	5815	00-527-1171
5815	00-370-1714	Spring	5815	00-663-3312
5815	00-370-1726	Stud	5307	00-515-7927
5815	00-370-1742	Screw	5305	00-286-8944
5815	00-370-1752	Nut	5310	00-515-6900
5815	00-370-1765	Wick assy	5815	00-701-0456
5815	00-370-1767	Screw	5305	00-639-3276
5815	00-370-1781	Screw	5305	00-637-5469
5815	00-370-1829	Screw	5305	00-527-3834
5815	00-370-1983	Connector	5935	00-258-6229
5815	00-370-1984	Connector	5935	00-201-3307
5815	00-370-1989	Terminal	5940	00-259-7727
5815	00-370-2008	Bar teletypewriter	5815	00-705-5776
5815	00-370-2808	Bar teletypewriter	5815	00-699-5492
5815	00-391-9733	Stud	5307	00-125-8103
5815	00-391-9757	Insulator, bushing	5970	00-391-9757
5815	00-391-9766	Cable assy	5995	00-171-3209
5815	00-391-9842	Cable assy	5315	00-228-7753
5815	00-392-1822	Cable assy	5930	00-574-7567
5815	00-392-2345	Terminal	5940	00-250-7775
5815	00-390-0844	Nut	5310	00-663-3353
5815	00-392-0017	Wick	5815	00-530-3169
5815	00-392-0069	Wick	5120	00-596-1428
5815	00-392-0094	Stud	5307	00-637-0710
5815	00-412-4493	Screw	5305	00-206-8092
5815	00-412-4495	Screw	5305	00-392-2069
5815	00-412-4618	Nut	5310	00-286-3375
5815	00-412-4689	Nut	5310	00-208-7026
5815	00-412-5134	Transformer	5950	00-252-7065
5815	00-412-5393	Screw	5305	00-527-3382
5815	00-412-5512	Screw	5305	00-286-6937



Old Stock No		Item Name	New Stock Number	
Group Class	Catalogue Number		Group Class	Catalogue Number
5815	00-412-5708	Spring	5815	00-664-2209
5815	00-412-5841	Spring	5815	00-664-2224
5815	00-412-6094	Spring	5815	00-591-3062
5815	00-412-7049	Screw	5305	00-286-3630
5815	00-412-7210	Nut	5310	00-515-8524
5815	00-412-7344	Nut	5310	00-209-5117
5815	00-412-7345	Screw	5305	00-298-4326
5815	00-412-7437	Screw	5305	00-207-5650
5815	00-412-8432	Screw	5305	00-207-4482
5815	00-412-8516	Pliers	5120	00-247-5177
5815	00-412-8517	Pliers	5120	00-412-8517
5815	00-412-8625	Washer	5310	00-209-4223
5815	00-412-8894	Connector	5935	00-208-3545
5815	00-412-8938	Screw	5305	00-208-3001
5815	00-412-9171	Contact elect	5815	00-502-9397
5815	00-412-9175	Contact elect	5815	00-503-7297
5815	00-412-9233	Nut keyed	4730	00-639-9403
5815	00-391-9672	Nut keyed	5815	00-223-8214
5815	00-446-3472	Channel rib assy	1560	00-446-3472
5815	00-448-1346	Screw	5305	00-639-2217
5815	00-448-1353	Screw	5305	00-638-3860
5815	00-448-1359	Screw	6350	00-643-4293
5815	00-448-1363	Nut plain hex	5310	00-616-1739
5815	00-448-1376	Screw	5305	00-245-0915
5815	00-448-1389	Spring	5815	00-126-4221
5815	00-448-1398	Screw	5305	00-527-3878
5815	00-448-1405	Spring	5815	00-250-0136
5815	00-448-1438	Screw	5305	00-639-8256
5815	00-448-1573	Screw	5305	00-208-8601
5815	00-448-1579	Screw	6150	00-635-3548
5815	00-448-1585	Spring	5815	00-662-6700
5815	00-448-1617	Nut	5310	00-596-9217
5815	00-448-1640	Screw	5305	00-298-2471
5815	00-448-1652	Screw	5305	00-637-1900
5815	00-448-1672	Insulator plate	5970	00-448-1672
5815	00-448-1685	Screw	5305	00-286-3597
5815	00-448-1733	Insulator plate	5970	00-448-1733
5815	00-448-1739	Screw	5305	00-298-2478
5815	00-448-1750	Spring	5815	00-540-1139
5815	00-448-1753	Screw	5305	00-207-4345
5815	00-448-1755	Spring	5815	00-664-2214
5815	00-448-1762	Terminal board	5940	00-271-7301
5815	00-448-1807	Screw	5305	00-639-2213
5815	00-448-1815	Nut	5310	00-208-8729
5815	00-448-1827	Nut	5310	00-527-5842
5815	00-448-1862	Packing	5330	00-526-8955
5815	00-448-1881	Screw	5305	00-638-3639
5815	00-448-1891	Bolt	5306	00-252-1610
5815	00-448-1962	Packing	5330	00-526-8932
5815	00-448-1979	Screw	5305	00-637-5452
5815	00-448-1980	Screw	5305	00-208-8605

Old Stock No		Item Name	New Stock Number	
Group Class	Catalogue Number		Group Class	Catalogue Number
5815	00-448-1987	Jumper	5995	00-448-1987
5815	00-448-1998	Spring	5815	00-268-1978
5815	00-448-2021	Screw	5305	00-286-3604
5815	00-448-2035	Screw	5305	00-531-0060
5815	00-448-2060	Screw	5305	00-298-2482
5815	00-448-2090	Terminal Board	5940	00-290-7775
5815	00-448-2117	Screw	5305	00-639-3764
5815	00-448-2172	Switch assy	5930	00-448-2172
5815	00-448-2194	Screw	5305	00-527-4874
5815	00-448-3570	Spring	5340	00-205-4587
5815	00-448-3571	Spring	5815	00-597-7077
5815	00-448-3577	Screw	5305	00-527-3867
5815	00-448-3585	Screw	5305	00-207-4219
5815	00-448-3593	Screw	5305	00-531-1834
5815	00-448-3595	Screw	5305	00-207-4969
5815	00-448-3600	Screw	5305	00-286-3610
5815	00-448-3603	Screw	5305	00-638-7119
5815	00-448-3606	Spring	5815	00-597-7640
5815	00-448-3629	Screw	5305	00-208-9998
5815	00-448-3643	Screw	5305	00-286-3648
5815	00-448-3650	Screw	5305	00-639-7570
5815	00-448-3651	Screw	5305	00-638-9900
5815	00-448-3636	Screw	5305	00-207-4968
5815	00-448-3653	Screw	5305	00-638-9898
5815	00-448-3672	Spring	5815	00-546-1410
5815	00-448-3676	Nut	5310	00-208-4110
5815	00-448-3683	Spring	5340	00-514-1741
5815	00-448-3680	Screw	5305	00-298-2925
5815	00-448-3691	Spring	5815	00-505-2328
5815	00-448-3694	Nut	5310	00-208-8706
5815	00-448-3699	Spring	5815	00-317-7650
5815	00-448-3714	Screw	5305	00-298-2467
5815	00-448-3723	Screw	5305	00-285-5579
5815	00-448-3727	Screw	5305	00-285-5581
5815	00-448-3728	Screw	5305	00-206-9851
5815	00-448-3732	Screw	5305	00-286-3805
5815	00-448-3733	Spring	5815	00-250-0186
5815	00-448-3735	Screw	5305	00-286-3594
5815	00-448-3737	Nut	5310	00-245-0658
5815	00-448-3738	Screw	5305	00-206-6224
5815	00-448-3740	Screw	5305	00-297-3115
5815	00-448-3744	Spring	5815	00-503-7294
5815	00-448-3749	Insulator plate	5970	00-448-3749
5815	00-448-3752	Insulator plate	5970	00-537-7522
5815	00-448-3754	Spring	5815	00-568-9406
5815	00-448-3776	Spring	5815	00-251-7990
5815	00-448-3801	Packing	5330	00-530-0631
5815	00-448-3806	Nut	5310	00-530-9379
5815	00-448-3827	Screw	5305	00-286-8973
5815	00-448-3832	Screw	5305	00-297-2150
5815	00-448-3834	Bolt	5306	00-207-9147

Old Stock No		Item Name	New Stock Number	
Group Class	Catalogue Number		Group Class	Catalogue Number
5815	00-448-3850	Screw .. ..	5305	00-286-3808
5815	00-448-3855	Screw .. ..	5305	00-285-5584
5815	00-448-3858	Screw .. ..	5305	00-286-3801
5815	00-448-3873	Spring .. ..	5340	00-268-1997
5815	00-448-3918	Screw .. ..	5305	00-286-8984
5815	00-448-3919	Spring .. ..	5815	00-205-4592
5815	00-448-3920	Screw .. ..	5305	00-286-3842
5815	00-448-3926	Nut .. ..	5310	00-285-8094
5815	00-448-3938	Nut .. ..	5310	00-639-3589
5815	00-448-3948	Spring .. ..	5815	00-205-4600
5815	00-448-3977	Screw .. ..	5305	00-297-2154
5815	00-448-3987	Relay .. ..	5945	00-642-3891
5815	00-448-3994	Screw .. ..	5305	00-286-4016
5815	00-448-4007	Screw .. ..	5305	00-286-3814
5815	00-448-4018	Screw .. ..	5305	00-575-0823
5815	00-448-4022	Screw .. ..	5305	00-286-4017
5815	00-448-4025	Spring .. ..	5815	00-502-6118
5815	00-448-4026	Terminal .. ..	5940	00-238-8549
5815	00-448-4045	Insulator .. ..	5970	00-696-2751
5815	00-448-4047	Screw .. ..	5305	00-296-8374
5815	00-448-4052	Screw .. ..	5305	00-297-2163
5815	00-448-4054	Screw .. ..	5305	00-638-3629
5815	00-448-4060	Screw .. ..	5305	00-206-9872
5815	00-448-4067	Screw .. ..	5305	00-286-3832
5815	00-448-4074	Spring .. ..	5815	00-526-3834
5815	00-448-4078	Bolt .. ..	5306	00-206-1601
5815	00-448-4082	Screw .. ..	5305	00-586-3863
5815	00-448-4083	Bolt .. ..	5306	00-206-1602
5815	00-448-4088	Screw .. ..	5305	00-286-4006
5815	00-448-4098	Spring .. ..	5815	00-664-2213
5815	00-448-4107	Screw .. ..	5305	00-207-7355
5815	00-448-4108	Spring .. ..	5815	00-503-8133
5815	00-448-4125	Screw .. ..	5305	00-208-0926
5815	00-448-4130	Screw .. ..	5305	00-638-3640
5815	00-448-4131	Packing .. ..	5330	00-290-2964
5815	00-448-4136	Spring .. ..	5815	00-203-8618
5815	00-448-4140	Spring .. ..	5815	00-502-6101
5815	00-448-4141	Relay .. ..	5945	00-295-4426
5815	00-448-4155	Screw .. ..	5305	00-639-3438
5815	00-448-4163	Screwdriver .. ..	5120	00-596-4161
5815	00-448-4184	Pin .. ..	5315	00-291-2591
5815	00-449-0376	Nut hex .. ..	5310	00-208-5333
5815	00-472-4894	Bearing .. ..	3110	00-100-6146
5815	00-472-4971	Spring .. ..	5815	00-664-2208
5815	00-503-7309	Spring .. ..	5815	00-224-5853
5815	00-504-5086	Spring .. ..	5840	00-504-5086
5815	00-512-7345	Stator motor .. ..	6105	00-512-7345
5815	00-516-1790	Bearing .. ..	3110	00-151-9132
5815	00-518-5953	Terminal board .. ..	5940	00-227-8286
5915	00-533-4358	Terminal board .. ..	5210	00-189-9516
5815	00-561-2581	Terminal board .. ..	6670	00-392-1731

Old Stock No		Item Name	New Stock Number	
Group Class	Catalogue Number		Group Class	Catalogue Number
5815	00-568-2239	Screw .. ..	5305	00-448-3983
5815	00-568-2267	Transformer .. ..	5950	00-407-5946
5815	00-568-9845	Spring .. ..	5340	00-448-3941
5815	00-593-8775	Spring .. ..	5340	00-582-4128
5815	00-594-9064	Screw .. ..	5305	00-823-5751
5815	00-600-5574	Screw .. ..	5815	00-775-3703
5815	00-659-3080	Screw .. ..	5305	00-754-4180
5815	00-670-4496	Diaphragm assy .. ..	2840	00-670-4496
5815	00-670-4497	Diaphragm assy .. ..	2840	00-670-4497
5815	00-675-6409	Diaphragm assy .. ..	5815	00-779-9431
5815	00-688-5837	Filter, low pass .. ..	5915	00-688-5837
5815	00-693-4713	Filter, low pass .. ..	5815	00-171-3150
5815	00-696-9292	Guide ribbon .. ..	5815	00-126-8208
5815	00-699-1449	Screw, adjustment .. ..	5305	00-699-1449
5815	00-701-1728	Clamp, rim clenching .. ..	5340	00-701-1728
5815	00-701-5494	Bearing sleeve .. ..	5815	00-729-6710
5815	00-705-6004	Screw .. ..	5305	00-677-0349
5815	00-705-6038	Screw .. ..	5935	00-818-6566
5815	00-706-4191	Stud, extension .. ..	5307	00-706-4191
5815	00-710-3771	Stud, shouldered .. ..	5307	00-710-3771
5815	00-713-0916	Nut .. ..	5310	00-012-0614
5815	00-737-0726	Wick .. ..	9390	00-701-7298
5815	00-738-4527	Wick .. ..	5815	00-588-6658
5815	00-765-4884	Light, signal assy .. ..	1290	00-765-4884
5815	00-767-3321	Capacitor .. ..	5910	00-874-9518
5815	00-767-5636	Felt, mechanical, preformed .. ..	5330	00-767-5636
5815	00-771-9480	Stud .. ..	5307	00-677-0362
5815	00-369-9231	Nut .. ..	5310	00-208-8738
5815	00-369-9233	Nut .. ..	5310	00-208-3885
5815	00-603-7585	Scoop air .. ..	1560	00-603-7585
5815	00-621-2191	Screw .. ..	5305	00-754-3088
5815	00-632-4129	Tape guard .. ..	5815	00-034-7491
5815	00-640-9184	Wick .. ..	9390	00-202-4085
5815	00-652-1564	Screw .. ..	5305	00-721-4617
5815	00-652-1627	Gear cluster .. ..	5840	00-652-1627
5815	00-652-2470	Ring .. ..	5340	00-285-6733
5815	00-652-2477	Screw .. ..	5305	00-754-4282
5815	00-652-2480	Ring retaining .. ..	5340	00-652-2480
5815	00-652-6965	Nozzle assy .. ..	2915	00-652-6965
5815	00-223-1727	Door assy .. ..	1560	00-223-1727
5815	00-325-1820	Cover, terminal box .. ..	5940	00-325-1820
5815	00-710-3874	Collar .. ..	1430	00-710-3874
5815	00-852-2776	Resistor fixed .. ..	5905	00-852-2776
5815	00-858-2960	Relay .. ..	5945	00-858-2960
5815	00-910-2932	Plate retainer .. ..	3895	00-910-2932
5815	00-917-1710	Capacitor fixed .. ..	5910	00-917-1710
5815	00-448-3740	Screw .. ..	5305	00-297-3115
5815	00-448-4131	Washer .. ..	5330	00-290-2964
5815	00-369-8671	Screw .. ..	5305	00-531-0057
5815	00-369-8674	Screw .. ..	5305	00-286-8946
5815	00-412-4495	Screw .. ..	5305	00-639-6968

<i>Old Stock No</i>		<i>Item Name</i>	<i>New Stock Number</i>	
<i>Group Class</i>	<i>Catalogue Number</i>		<i>Group Class</i>	<i>Catalogue Number</i>
5815	00-448-1438	Screw .. .. .	5305	00-639-8256
5815	00-127-6389	Wick .. .. .	9390	00-318-5326
5815	00-193-2808	Relay .. .. .	5945	00-295-4856
5815	00-391-9587	Bushing sleeve .. .. .	3120	00-580-1713
5815	00-369-9591	Bearing .. .. .	3110	00-156-4644
5815	00-369-9628	Bearing .. .. .	3110	00-156-4124
5815	00-369-9705	Filter .. .. .	5915	00-575-2820
5815	00-370-0038	Wrench .. .. .	4940	00-370-0038
5815	00-370-0250	Ring retaining .. .. .	5340	00-200-5222
5815	00-370-1215	Filter .. .. .	5915	00-503-2134
5815	00-391-9648	Hammer bell .. .. .	6350	00-243-1252
5815	00-391-9693	Wrench .. .. .	5120	00-391-9693
5815	00-448-3763	Washer .. .. .	5310	00-515-7324
5815	00-448-3935	Spring .. .. .	5815	00-250-0218
5815	00-448-4120	Cap oil lubricating .. .. .	4730	00-277-6164
5815	00-503-7565	Cap elect .. .. .	5977	00-129-1950

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/57/168)

RESTRICTED

ANO's 196-214/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
7 May 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*Handau.*

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY

14775/68

RESTRICTED

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## Section 1

## ADMINISTRATIVE AND GENERAL

## RESTRICTED

## 196—Security of Classified Training Material

1. Recent breaches of security in the RAN have highlighted the need for close control of classified training material particularly classified handouts and notebooks. As a general rule classified handouts and notebooks issued during lectures and courses should not be retained by personnel after completion of courses but should be returned for re-issue or destruction as appropriate.

2. All classified training handouts are to be given a reference number and a copy number before issue. Notebooks issued to personnel attending any course which contains classified matter are also to be numbered. A permanent register of the issue of all such material is to be maintained and a signature for the receipt of the material is to be recorded in the register.

3. Approved secure stowage is to be provided for all classified material in use by personnel attending any classified course. Note taking is to be controlled to ensure that the only notes taken are made in the notebooks provided for that purpose.

4. On conclusion of the course all classified material issued to personnel is to be withdrawn, checked and receipt noted in the issue register. If retention of the material is requested by the person concerned, it may, in exceptional circumstances only and subject to the approval of the Commanding Officer of the originating establishment, be forwarded through official secure channels to his ship or establishment. Irrespective of the classification of the material, it is to be forwarded with a receipt note. The return of the signed receipt note is to be recorded in the training material register. The material is to be regarded as official property and not the property of the individual officer or sailor.

5. Commanding Officers are to ensure that any classified training material received from other ships or establishments is taken on charge and accounted for in accordance with ACB 0337, Chapter 7.

6. The register may be kept in any suitable book. A suggested format is attached at the Annex.

7. This order supersedes the instructions contained in ACB 0337, Article 0641.

## ANNEX

(To be Classified According to Content)

<i>Page No:</i>	<i>Ship:</i>	<i>School:</i>						
<i>Document Ref No:</i>	<i>Title:</i>							
<i>Copy No</i>	<i>Date of Issue</i>	<i>Issued to</i>	<i>Sig of Recipient</i>	<i>Date Returned</i>	<i>Checked Initials</i>	<i>Forwarded to</i>	<i>Date Receipt Note Received</i>	<i>Initials</i>

(DNI 1617/206/187)

## Section 2

## PERSONNEL

## UNCLASSIFIED

## 197—Combat Survival Course—Travel Arrangements

1. Travel arrangements from Brisbane to RAAF Amberley, for personnel undergoing Combat Survival Courses, will be as follows:

- a. *Rail*: All trains carrying students will be met by RAAF transport; and
- b. *Air*: Transport will be provided, departing Brisbane Airport, at 1600 on the day prior to course commencement.

Personnel should be booked so that their ETA is compatible with the departure of transport.

2. Ships and establishments should notify RAAF Amberley of students travel arrangements including:

- a. method of travel;
- b. names of students;
- c. flight number, where applicable; and
- d. ETA.

In addition, ships and establishments are to make return bookings for their personnel.

3. RAAF Amberley cannot guarantee the timely arrival of personnel if the foregoing conditions are not met.

(DMT 311/201/31)

## UNCLASSIFIED

## 198—Dissemination of Recruiting Information When HMA Ships and Establishments are Opened for Inspection

Navy Order 17 of 1968 is to be amended as follows:

## Paragraph 2:

*amend lines 1 and 2 to read:*

'2. Provided personnel support and space are available when establishments hold open days or ships are open for inspection in Australia, a suitable . . .

(DNR 307/3/51)

(Navy Order 17 of 1968)

## UNCLASSIFIED

## 199—Naval Health Benefits Society

1. The Naval Health Benefits Society was established in 1956 to provide an organisation which catered specially for Naval personnel. The RAN Central Canteens Board made a grant of \$30,000 to establish the Society.

2. As Naval personnel are provided with free medical and hospital care by the Service, the Society makes a concession by way of smaller contributions for the family unit of such members. As contributions are paid by allotment or deductions from salary, no difficulties arise when a members family moves interstate, and the fear of membership lapsing because of unpaid contributions is removed.

3. The objects of the Society are to assist members in meeting the cost of medical, surgical and therapeutic treatment by qualified medical practitioners, and hospitalisation and home nursing of themselves (in the case of civilian members) and their dependants. Dependants are:

- a. a members wife;
- b. children under 16 years of age;
- c. full-time students wholly maintained by the member; and
- d. such other persons as are approved by the Committee of Management of the Society as being wholly dependent on the member.

4. The following may apply for membership:

- a. an officer or sailor employed on full-time duty in the Naval Forces, who has one or more dependants;
- b. an officer or sailor employed on full-time duty in the Naval Forces who has no dependants, but who may be eligible to take advantage of Paragraph 5 a. or c. below; and
- c. a person employed on full-time duty as a civilian in the Department of the Navy.

5. Membership of the Society may be continued after the member has ceased to be employed on full-time duty as under:

- a. a member who has had six but less than 12 years full-time service—for five years;
- b. a member who has had 12 or more years full-time service—for such further period as he may desire;
- c. a member whose services are terminated on medical or compassionate grounds—for such further period as he may desire; or
- d. in the event of the death of a member, the membership may be continued in respect of his dependants for such further periods as they desire, except that such membership shall cease on the remarriage of his widow;

provided that the Committee of Management may terminate membership where the service of the member has been terminated for misconduct, discreditable service or inefficiency.

6. There is established at Navy Office, a Committee of Management consisting of a chairman and four other members of the Society each of whom is appointed by the Naval Board. The Committee includes a Naval Medical Officer nominated by the Medical Director-General.

7. The Committee of Management administers the Society in accordance with the constitution.

8. On 11 May 1967, the Society introduced new schedules of medical and hospital benefits and higher contribution rates. The existing schedules (B, Y, and Z) were re-numbered MH 1/1, MH 2/2 and MH 2/3. Schedule MH 1/1 was closed down completely and schedules MH 2/2 and MH 2/3 frozen to transfers and new members.

Hospital and medical benefits under schedules MH 2/2 and MH 2/3 remained at the same rates as before. New members may contribute to schedules MH 3/4 and MH 3/5 only.

9. The weekly rates of contributions by members of the Society are contained in Clause 13 of the constitution and are as follows:

	<i>Schedule MH 2/2 (Closed to new members)</i>	<i>Schedule MH 2/3</i>	<i>Schedule MH 3/4</i>	<i>Schedule MH 3/5</i>
<b>a. Naval members—</b>				
with one dependant ..	0.29	0.41	0.63	0.75
with two or more dependants	0.52	0.76	1.17	1.40
<b>b. Civilian members—</b>				
without dependants ..	0.29	0.41	0.63	0.75
with one or more dependants	0.58	0.82	1.26	1.50

10. Contributions which are payable from the date of acceptance are, in the case of Naval Members, payable by allotment, and in the case of civilian members, where practicable, deducted from members salary. Civilian members employed by the Department of the Navy are to provide an authority for such deductions.

11. Benefits payable to a member will be rebates against actual costs incurred and will be the total of the Commonwealth Benefit and Society Benefit as set out in the schedule to the constitution, provided that no medical benefit will exceed 90 per cent of the costs incurred by the member. The schedule consists of two sections, the first contains those services for which, under the Commonwealth Health Scheme, the Society is required to pay from its own funds a benefit which at least matched the Commonwealth Benefit payable prior to 1 June 1964; the second contains services for which the Society is not required to pay any benefit from its own funds. It will be noted, however, that the Society will, in every case, pay a benefit from its own funds where the member is qualified.

12. Examples of benefits payable are:

	<i>Commonwealth Benefit (All Scheds)</i>	<i>Society Benefit MH 2/2 (Closed to new members)</i>	<i>Society Benefit MH 2/3</i>	<i>Society Benefit MH 3/4</i>	<i>Society Benefit MH 3/5</i>
<b>a. Medical—</b>					
(1) General Practitioners, each attendance at surgery	0.80	0.80	0.80	1.20	1.20
(2) General Practitioner, each attendance at home	0.80	1.00	1.00	1.60	1.60
(3) Specialist when referred by General Practitioner—first attendance	2.50	3.35	3.35	4.00	4.00
<b>b. Hospital—</b>					
Per Day .. .. .	2.00	3.60	6.00	10.00	13.00

*Note:* The Society benefit of \$3.60, \$6.00, \$10.00 or \$13.00 per diem is subject to a maximum period of 15 weeks hospitalisation in any calendar year in respect of each member and each of his dependants. When period

of hospitalisation exceeding 15 weeks payment of Society benefits will be at the discretion of the Committee of Management. When the hospital bed charge is less than \$5.60, \$8.00, \$12.00 or \$15.00 per diem (including Society and Commonwealth benefits, and according to the schedule concerned), the Society will pay the expenses incurred.

- c. Schedules MH 3/4 and MH 3/5 guarantee the following minimum refunds:
- (1) 60 per cent of the charge for referred Specialist consultations;
  - (2) 50 per cent of the charge for unreferred Specialist consultations;
  - (3) 70 per cent on all other items of the schedule, with the exception of Item (1).

13. In general, a member who joins the Society, will be eligible for benefits upon the completion of a probationary period to be determined by the Committee of Management, not exceeding, in maternity cases nine calendar months, and in all other cases, excluding accidents, eight weeks. This probationary period will also apply on transferring to a higher schedule. A probationary period will not be imposed on members who join within three months of becoming eligible for membership. Similarly, no probationary period is imposed on transfer from another civilian society to the Naval Health Benefits Society, providing there is no break in continuity of contributions.

14. Claims accompanied by receipted accounts (or completed declaration at the foot of reverse side of the claim form where the member requires benefits to be paid direct to the hospital or doctor concerned) are to be submitted on the prescribed claim form to—The Secretary, Naval Health Benefits Society, Navy Office, Victoria Barracks, Melbourne, Victoria 3004.

15. It is necessary for the efficient working of the Society that claim forms and applications for membership be accurately compiled and that all the necessary receipted accounts accompany a claim form. In particular, it is essential that doctors itemised accounts be forwarded, and not later 'reminders', which show only 'Account Rendered'. The nature of the disability or illness as well as the other details on the claim form must be completed, to ensure that each member receives the maximum benefits to which he is entitled.

16. Any member who cancels his membership with the Society, for any reason, is to be subject to imposition of the normal probationary periods on rejoining.

17. Members proceeding overseas are advised that claims for benefits should be forwarded to the Society in the normal manner, except that Department of Health requires additional Form HB53 (obtainable from the Society) to be completed for all hospital benefits. Claims are paid at the same rates as for other claims and are not assessed on a percentage of cost basis, and there will be some delay in final payment of claims as all benefits for overseas treatment must be approved and passed for payment by the Department of Health.

18. The Naval Board are aware of the financial difficulties which arise for many personnel through medical and hospital expenses, and wish that the advantages of belonging to a Society be stressed to all personnel. The Royal Australian Naval Health Benefits Society, with payments by allotment which can be commenced at the time of marriage, has much to commend it, particularly as the working capital has been provided from canteen funds.

19. The constitution and scale of benefits are being published separately and will be distributed to all ships and establishments in due course.

20. Navy Order 303 of 1966 is hereby cancelled.

(Navy Order 303 of 1966)

(DFSD 271/51/10)

## UNCLASSIFIED

**200—Posting Categories of Members According to Physical State**

1. The following medical categories are to be used to define the type of service in which officers and sailors of the Royal Australian Navy may be employed, or to indicate the limitation of service resulting from their physical condition:

<i>Category</i>	<i>Type of Service or Limitation of Service</i>
A	Fit for service anywhere.
B	Fit for posting to a ship or establishment where a full-time or part-time Medical Officer is borne. (Expected period to be stated.)
BY	Fit for posting to a ship or establishment where a full-time Medical Officer is borne. (Expected period to be stated.)
C	Under medical treatment and unfit for duty anywhere. (Expected period to be stated.)
D	Unfit for sea service temporarily but fit for duty on shore. (Expected period to be stated.)
E	Unfit for sea service but fit for duty on shore.
K	Temporarily unfit for duty in a potentially malarious area. (Expected period to be stated.)
T	Under medical supervision, unfit for posting, but fit for light duty. (Expected period to be stated.)
Y	Temporarily unfit for sea service and for service on shore north of Brisbane or Fremantle. (Expected period to be stated.)

2. When a recommendation is made such as service 'in the Port of Sydney', 'in his home port', etc, the medical reasons for such a recommendation should be clearly stated. The medical aspects should not be confused with compassionate leave which is to be handled in accordance with Navy Order 361 of 1966.

3. Before an officer or sailor is officially recorded as in Category B, BY, D, E, K, T or Y, he or she is to be surveyed on Form PM 132. The category is to be implemented on receipt of Naval Board decisions on the survey.

4. Special care is to be taken to review cases at the expiration of the period specified at the previous survey. It is the responsibility of a ship to which an officer or sailor in a category is posted, to take steps to arrange re-survey on the due date.

**Interim Medical Surveys**

5. Wherever practicable, and where there is no contra-indication, Medical Boards conducting Interim Medical Survey are to recommend a definite period of time for personnel in limited categories, eg, Category Y for six months.

6. The practice of recommending personnel to be placed in limited categories 'until expiration of present engagement' will potentially embarrass a members request for re-engagement or further service. Also, it frequently happens that the cause for replacement in limited categories will disappear in time and the member could be once again fit for general service. All such cases are to be recommended for a definite period in their category to ensure review as necessary, unless the member will obviously be unfit for further service.

7. There is now a world-wide tendency in the various Defence Forces to retain personnel with minor defects.

8. Navy Order 170 of 1965 is hereby cancelled.

(MDG 333/51/3)

(Navy Orders 170 of 1965 and 361 of 1966)

## UNCLASSIFIED

**201—Prescribed Period for Elections by Prescribed Contributors Under Section 61A of the DFRB Act 1963-1965**

1. Section 61A of the DFRB Act 1963-1965 provides that where the category of a prescribed (pre-1959 Act) contributor changes and as a result of the change he is required to increase his contributions to the Fund, he may by notice in writing given to the Board within the prescribed period of four months after the change or within such further period as the Board, in special circumstances, allows, elect not to increase his contributions to the Fund.

2. Due mainly to the retrospective effect of some general pay increases and to some extent to legislative and administrative delays, it is not unusual for some or all of the prescribed period of four months provided by Section 61A to have elapsed when the amending Regulation prescribing increased daily rates of pay and resulting in changes in category is gazetted.

3. In the special circumstances the Defence Forces Retirement Benefits Board has decided that where changes in category result from amendment to the DFRB (Daily Rates of Pay) Regulations, for the purpose of Section 61A of the DFRB Act 1963-1965 as amended from time to time, the period prescribed is to be extended to four months from the date of promulgation of the amending regulation.

4. This order will be reprinted for posting on notice boards.

(HPB 263/1/196)

## UNCLASSIFIED

**202—Reunion Fares for Children of Members who have been Posted Oversea on Long Term Duty**

1. Subject to prior Naval Board approval where a member proceeds on long term duty overseas and is accompanied by or is joined by his wife at Departmental expense, fares will be paid by the Department in full or in part for a child under 21 years of age, who is ineligible for payment of fares under other provisions, to enable him/her to be reunited with the parents at the overseas locality at annual intervals of approximately 12 months, subject to the following conditions.

2. The child must be unmarried and under 21 years of age at the date of departure on a reunion visit. If the child reaches 21 years of age during the reunion visit the return fare from the oversea locality will be reimbursed.

3. In normal circumstances to be eligible for reunion fares the child must reside in Australia or Britain. However, if the child resides in another country consideration will be given to providing reunion fares.



4. Reunion fares will be payable to the following extent:
- Separation of up to 21 months—one reunion fare.
  - Separation of at least 21 months but less than 33 months—two reunion fares.
  - Separation of at least 33 months but less than 45 months—three reunion fares.
  - Separation of at least 45 months but less than 57 months—four reunion fares.

Separation commencing from the date of departure of the member on posting, or when the members wife joined him at the oversea locality, whichever is the later, or the date of separation when the child accompanied the parents overseas for at least 12 months.

5. Paragraph 4 indicates the maximum number of fares which may be provided. Actual reunion visits may be made as convenient during a members posting but will be limited to the number the Naval Board consider appropriate for the members term of duty.

6. Reunion fares will not be provided until at least three months after the departure of the parents from Australia nor within at least three months of the scheduled departure of the parents from the overseas locality to return to Australia.

7. If the member and his wife return to Australia for leave during the members service overseas one reunion fare as indicated in Paragraph 4 will automatically be cancelled.

8. A child in receipt of an adult wage (\$2,600.00 per annum) is ineligible for any assistance with fares. Service personnel in receipt of adult rates of pay are also ineligible for assistance with fares. If a child's annual gross income does not exceed \$800.00 the total reunion fares will be paid by the Department.

9. Where a child qualifies for reunion fares assistance the members contribution to fares and also the Departmental liability will be assessed under the following formula:

$$\text{Members contribution to fares} = \frac{F(X - Y)}{(A - Y)}$$

(when the child's income exceeds \$800.00)

In this formula:

F = return fare to the nearest \$A by the most direct route at economy or tourist class using student concession rate if available.

X = gross income of the child to the nearest \$A in the 12 months period to the end of the calendar month last completed before the proposed date of departure on reunion visit (gross income must be supported by evidence such as Statutory Declaration. In calculating gross income amounts to be included are as for gross income in an income tax return. However, educational assistance including living allowance in respect of secondary or post-secondary courses is to be excluded).

Y = maximum income (annual) of a child which does not incur reduction in the amount of fare paid by the Department namely \$800.00.

A = adult wage per year namely \$2,600.00.

10. The provisions indicated in this Navy Order cannot be effected until regulation cover has been obtained. Further advice will be issued when the necessary regulation amendments have been gazetted. Claims for reimbursement of costs incurred for travel under this approval before gazettal of the regulation amendments should then be forwarded to Navy Office for consideration.

(HPB 252/4/64)

#### Section 4

### EQUIPMENT, STORES AND SERVICING

#### UNCLASSIFIED

#### 203—Electric Motors—Oil Seals—Precautions to be Taken in Fittings

1. An undue number of defects has occurred in AC motors for the distilling plants on RN Destroyer Escorts due to failure of the oil seals fitted on the motors, allowing water or brine from the pump glands to:

- a. damage the motor bearings; and
- b. enter the motor carcass resulting in insulating breakdown.

It was confirmed by the seal manufacturer that the seals in use were suitable for the duties involved.

2. The failure of oil seals may have been due to incorrect seals being used or insufficient care being taken during replacement or renewal. To prevent similar failures in the RAN the following precautions should be taken:

- a. in demanding replacement seals, ensure that correct seals are specified, eg, if seals with phosphor bronze springs and brass inserts are required, this should be stated, otherwise standard seals having steel springs and inserts would be provided. A description of the type of seal fitted is usually given on the 'as made' drawings;
- b. the bearing surface, shaft to seal, must be highly polished. If this surface has deteriorated to the extent that its re-conditioning cannot be satisfied by the facilities available on board, eg, buffing and the use of crocus paper, the motor should be defected as soon as practicable and the shaft/seal bearing surface restored by grinding and polishing;
- c. before fitting, a new seal should carefully be examined and all traces of dirt or grit removed by cleaning in cold paraffin or light lubricating oil, finally wiping with a cloth moistened with clean oil;
- d. smear the sealing lips with clean grease;
- e. fill the cavity between the seal and the retaining plate with clean grease;
- f. smear the outside diameter of the seal with clean grease to facilitate fitting;
- g. ensure that the spring is correctly located;
- h. use a fitting sleeve with a 'lead-on' taper and a few thousandths of an inch greater in diameter than the shaft.  
*Note:* Care should be taken when fitting oil seals as the slightest scratch on the sealing edge of the seal may cause leakage and failure.
- j. ensure that the seal is placed over the shaft in the correct 'sense' as shown on the relevant drawings; and
- k. ensure that the seal is properly pressed home into the housing recess and that it does not enter the housing in a tilted position.

(ACDC 1224/67/451)

## UNCLASSIFIED

**204—Guided Weapons—Seacat—Policy of Assembly of Seacat Missiles with Straight or Canted Nozzle Boost Motors**

a. *HMA Ships Concerned:* All fitted with Seacat Guided Weapons System.

b. *Information:*

- (1) Two types of Seacat boost motors are currently in supply in the RAN, namely motors with straight nozzles and motors with canted nozzles.
- (2) Missiles fitted with straight nozzles boost motors are more difficult for the aimer to gather after firing than those fitted with canted nozzles.
- (3) To date all HE missiles are fitted with canted nozzles and practice missiles with straight nozzles.
- (4) In view of the stocks held the RAN will continue using canted nozzles for HE and straight nozzles for practice missiles, the straight nozzles being used for HE missiles in an emergency only when and if canted nozzles are not available.

(DAS 740/252/1002)

## UNCLASSIFIED

**205—Stores (General) (Group Class 5940)—Lugs, Terminals and Terminal Strips—Change of Stock Numbers**

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	Item Name
5940	00-186-8955	Clip, electrical .. ..	5940	00-242-8512	
5940	00-236-7146	Terminal .. ..	5940	00-665-5625	
5940	00-236-7237	Terminal .. ..	5940	00-501-0202	
5940	00-270-2657	Terminal .. ..	5940	00-270-3273	
5940	00-280-1711	Terminal .. ..	5940	00-159-0252	
5940	00-283-3455	Terminal .. ..	5940	00-316-8994	
5940	00-391-9704	Terminal .. ..	5940	00-192-9899	
5940	00-502-3732	Terminal .. ..	5940	00-156-7430	
5940	00-502-6747	Terminal .. ..	5940	00-356-2493	
5940	00-518-5652	Terminal .. ..	5940	00-258-2112	
5940	00-519-9958	Terminal .. ..	5940	00-223-4819	
5940	00-549-2784	Terminal .. ..	5940	00-556-6194	
5940	00-549-6103	Terminal .. ..	5940	00-187-5070	
5940	00-553-2724	Terminal .. ..	5940	00-762-8255	
5940	00-556-7757	Terminal .. ..	5940	00-549-6220	
5940	00-581-4244	Terminal .. ..	5940	00-549-9626	
5940	00-615-6834	Terminal .. ..	5940	00-840-4307	
5940	00-617-6896	Terminal .. ..	5940	00-632-0411	
5940	00-626-3523	Terminal .. ..	5940	00-632-0410	
5940	00-665-6106	Terminal .. ..	5940	00-238-9610	
5940	00-666-0873	Terminal .. ..	5940	00-666-0732	
5940	00-682-9666	Terminal .. ..	5940	00-836-3536	

## Old Stock No

Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number
5940	00-686-9389	Terminal .. ..	5940	00-837-5216
5940	00-693-4477	Terminal .. ..	5940	00-187-5122
5940	00-752-5799	Terminal .. ..	5940	00-644-7963
5940	00-752-5949	Terminal .. ..	5940	00-962-0011
5940	00-204-9143	Terminal lug .. ..	5940	00-501-7613
5940	00-230-0528	Terminal lug .. ..	5940	00-681-9713
5940	00-808-7659	Reactor .. ..	5950	00-808-7659
5940	00-539-0194	Switch, push .. ..	5940	00-681-5685
5940	00-536-5314	Housing relief valve .. ..	2915	00-536-5314
5940	00-547-9733	Insulator .. ..	5970	00-989-2617
5940	00-644-9760	Insulator .. ..	5995	00-283-8341
5940	00-500-8718	Splice, conductor .. ..	5940	00-840-0139
5940	00-501-8651	Socket .. ..	5940	00-240-8157

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/71/146)

## UNCLASSIFIED

**206—Stores (General) (Group Class 5945)—Relays, Contactors and Solenoids—Change of Stock Numbers**

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	Item Name
5945	00-056-9871	Relay .. ..	5945	00-823-2611	
5945	00-061-6006	Relay .. ..	5945	00-850-6533	
5945	00-189-3107	Relay .. ..	5945	00-252-2792	
5945	00-227-6995	Relay .. ..	5945	00-232-4020	
5945	00-237-1139	Relay .. ..	5945	00-549-7446	
5945	00-250-8661	Relay .. ..	5945	00-222-5236	
5945	00-259-5277	Relay .. ..	5945	00-842-8721	
5945	00-259-6067	Relay .. ..	5945	00-295-4465	
5945	00-503-5222	Relay .. ..	5945	00-615-7742	
5945	00-547-9729	Relay .. ..	5945	00-549-9304	
5945	00-547-9732	Post, terminal .. ..	5821	00-547-9732	
5945	00-587-9494	Plunger, solenoid .. ..	1650	00-511-1214	
5945	00-599-9304	Packing material .. ..	5330	00-599-9304	
5945	00-615-7072	Switch, push .. ..	5930	00-615-7072	
5945	00-660-9181	Transformer, power .. ..	5950	00-660-9181	
5945	00-673-5666	Relay, armature .. ..	5945	00-615-8475	
5945	00-686-6875	Relay, armature .. ..	5945	00-681-0171	
5945	00-755-5245	Capacitor .. ..	5910	00-755-5245	
5945	00-774-7019	Relay .. ..	5945	00-060-5278	

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5945	00-806-8037	Relay .. ..	5945	00-808-6345	
5945	00-577-8258	Wire, electrical .. ..	6145	00-577-8258	
5945	00-586-7204	Relay .. ..	5945	00-814-9710	
5945	00-615-3671	Relay .. ..	5945	00-677-8286	
5945	00-259-4545	Relay .. ..	5945	00-686-7001	
5945	00-502-9056	Relay .. ..	5945	00-487-7966	
5945	00-723-2667	Relay .. ..	5945	00-652-5951	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/72/181)

#### UNCLASSIFIED

#### 207—Stores (General) (Group Class 5950)—Coils and Transformers—Change of Stock Numbers

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5950	00-769-3872	Coil .. ..	5950	00-766-3206	
5950	00-031-1063	Coil .. ..	5950	00-646-3763	
5950	00-031-1064	Coil .. ..	5950	00-645-3685	
5950	00-031-1065	Coil .. ..	5950	00-646-0780	
5950	00-031-1066	Coil .. ..	5950	00-645-3684	
5950	00-031-1067	Coil .. ..	5950	00-645-3682	
5950	00-058-1773	Crystal unit, quartz ..	5955	00-058-1773	
5950	00-060-8684	Transformer .. ..	5950	00-087-1562	
5950	00-083-8104	Lens, sector .. ..	6210	00-083-8104	
5950	00-231-3587	Fuse, cartridge .. ..	5920	00-231-3587	
5950	00-349-5033	Coil .. ..	5950	00-229-6310	
5950	00-699-6018	Coil .. ..	5950	00-508-1874	
5050	00-719-9402	Transistor .. ..	5961	00-719-9402	
5950	00-754-6541	Coil .. ..	5950	00-812-8053	
5950	00-794-3480	Coil .. ..	5950	00-893-7045	
5950	00-814-7120	Coil .. ..	5950	00-583-4905	
5950	00-568-1788	Coil .. ..	5950	00-648-0118	
5950	00-583-6997	Coil .. ..	5950	00-855-6722	
5950	00-610-5713	Relay, armature .. ..	5945	00-610-5713	
5950	00-654-0306	Bucket, windshield .. ..	1560	00-654-0306	
5950	00-390-9704	Coil, radio frequency ..	5950	00-059-3903	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/62/151)

#### UNCLASSIFIED

#### 208—Stores (General) (Group Class 5970)—Electrical Insulators and Insulating Materials—Change of Stock Numbers

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5970	00-118-1152	Sub-assembly .. ..	2810	00-315-4107	
5970	00-157-0749	Insulator .. ..	5970	00-356-0607	
5970	00-285-0172	Insulator .. ..	5970	00-284-7900	
5970	00-296-4701	Insulator .. ..	5970	00-636-2000	
5970	00-318-1579	Terminal board .. ..	5841	00-318-1579	
5970	00-391-9802	Washer .. ..	5330	00-188-2088	
5970	00-391-9624	Washer .. ..	5330	00-193-9977	
5970	00-552-0206	Insulator .. ..	5970	00-843-2281	
5970	00-681-8018	Insulator .. ..	5970	00-880-3277	
5970	00-448-3743	Terminal board .. ..	5815	00-503-7463	
5970	00-520-8425	Washer .. ..	5330	00-599-1479	
5970	00-520-8422	Washer, non-metallic ..	5330	00-599-3394	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 518/71/134)

#### UNCLASSIFIED

#### 209—Stores (General) (Group Class 5985)—Antennas, Waveguides and Related Equipment—Change of Stock Numbers

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5985	00-246-4380	Coil, radio frequency ..	5950	00-246-4380	
5985	00-878-8563	Attenuator .. ..	5905	00-878-8563	
5985	00-808-5851	Resistor, adjustable ..	5905	00-808-5851	
5985	00-441-0804	Contact, electrical .. ..	5821	00-441-0804	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/63/96)



### Canteen

14. Canteens in Aircraft Carriers shall be fitted with one, eight cubic feet refrigerator. In Destroyer and below, canteens shall be fitted with one, five cubic feet refrigerator.

### Installation

15. The units, being air cooled, require adequate ventilation. It is essential, therefore, that they be sited remote from all heated equipment and in a well ventilated position. No restriction of air-flow through their ventilation openings shall be permitted. There shall be a minimum clear space of three to four inches between the back of the cabinet and any bulkhead. A branch from a ventilation supply, or exhaust trunk, whichever is more convenient shall be fitted to deliver air to, or exhaust air from, the vicinity of the cabinet. The limit of ambient temperature in which air cooled refrigerators work satisfactorily is 110° F, therefore these units shall not be sited where this temperature is likely to be exceeded, for long periods.

16. Where space and layouts permit, refrigerators shall be positioned such that the doors, when closed lie athwartships, to limit the possibility of doors opening when the ship is rolling. Doors should be opened as infrequently, and for as short a period as possible.

### Cold Water Drinking Units

17. Cool water drinking units of the 'bubbler' type shall be fitted on the basis of providing a minimum of one gallon of cooled, fresh, drinking water per man, per day.

18. Generally a minimum overall allowance of one cool water drinking unit per 120 men should be adequate, based on a ten gph unit, or one unit per 72 men, based on a six gph unit.

19. Cool water drinking units shall be sited in, or close to, messes, cafeterias, wardrooms and sick bays. In Aircraft carriers, they are required in the vicinity of the ready room and the island.

20. One cool water drinking unit from the allowance shall be fitted for the provision of cool water for cool drinks. This unit may be sited adjacent to the canteen to provide cooled water for this area and the adjacent flat. In addition one cool water drinking unit shall be fitted in, or adjacent to, the access to each main machinery space.

21. Where possible one cool water drinking unit shall be sited adjacent to the galley.

22. The types of cool water drinking units used in HMA ships are as follows:

- b. Sealed unit compressor, water cooled condenser rating ten gph; and
- a. Sealed unit compressor, air cooled condenser continuous rating six gph;
- c. Chilled water/fresh water coil heat exchanger continuous rating ten gph.

### Deep Freeze Requirements

23. Deep freeze capacity shall be provided for the storage of quick frozen foods, including shellfish. Where separate cold rooms are not provided frozen meat is to be stored in the deep freeze unit. In new construction, these quick frozen foods shall be stored in the Deep Freeze Room.

24. On existing ships, quick frozen foods may be stored in cold rooms, whenever space is available. Cold room temperatures are adequate for frozen foods up to a maximum of 21 days. Where insufficient space is available in the cold room or longer storage is required, a separate deep freeze cabinet to Navy Office Specification No SP 799 (GI Specification MDO 26), having its own sealed or open unit compressor, shall be installed in a suitable position in the ship.

25. Deep freeze capacity on existing ships shall be on the following scale:

Aircraft Carriers	..	..	..	..	..	28 cubic feet
Destroyer and Destroyer Escorts	..	..	..	..	..	14 cubic feet
100 ft Patrol Vessels	..	..	..	..	..	21 cubic feet
CMS	..	..	..	..	..	14 cubic feet

### Ice Making Machines

26. Ice making machines are provided to meet the requirements for medical, bakery, galley and cool drink purposes, and require to be sited in an accessible position for all users. Machines of an approved type will be supplied and will have a minimum daily output of 280 lb of ice with a storage capacity of 130 lb of ice.

27. Generally ice making machines will be supplied in the following scale:

Aircraft Carriers	..	..	..	..	..	two per ship
Destroyer Escorts, Destroyers	..	..	..	..	..	one per ship

### Ice Cream Machines

28. Approval is given for Service System Canteens in HMA ships to negotiate direct with Dairy Frost Pty Ltd, of 13 South Street, Rydalmere, NSW 2116, regarding the fitting in HMA ships of ice cream making machines.

29. The Company is prepared to supply soft ice cream making machines to HMA ships on a no-rental basis provided that the necessary fresh canned mix is purchased from them.

30. Machines are available in two sizes:

a. *For Large Ships Companies* (HMAS MELBOURNE, SYDNEY, STALWART):

Type	..	..	..	..	..	Model F600
Dimensions	..	..	..	..	..	Width 19 in Depth 27 in Height 60½ in
Weight	..	..	..	..	..	476 lb

b. *For Smaller Ships Companies* (Destroyers and below and HMAS SUPPLY):

Type	..	..	..	..	..	Model F400
Dimensions	..	..	..	..	..	Width 19 in Depth 27 in Height 60½ in
Weight	..	..	..	..	..	466 lb

31. The Company will supply servicing and wiring manuals with each machine and a quantity of on board spares. In addition, Company technicians will give necessary instruction to operating and maintenance personnel.

32. Fresh canned mix and replacement parts for machines are available in all capital cities, except Hobart, and in the New Guinea Area at the Rabaul Trading Co Pty Ltd.

33. Fitting of machines in existing ships shall be carried out by A and A action the item being raised by ships concerned.

#### Cold Serving Cabinets

34. A cold serving cabinet shall be provided in the galley for storage of prepared meals, eg, salads, cold sweets, etc, prior to serving.

35. These cabinets shall have a storage capacity of 19 cubic feet and shall be provided with a separate compressor maintaining a temperature of 36°-38° F.

36. Allowances for cold serving cabinets shall be to the following scale:

Destroyer, Destroyer Escorts and below .. .. . one per ship

#### Refrigerated Food Counters

37. Refrigerated food counters will be fitted to large ships on a scale of allowances to be advised.

#### Repair and Maintenance of Refrigerated Appliances

38. The maintenance of refrigerated appliances in all new construction, and most other ships, is governed by Planned Maintenance Schedules. In general, these schedules call for complete overhaul of sealed unit appliances or replacement by refitted stores at set intervals. Certain open type units still in service will be replaced progressively with sealed units.

39. When refrigerators, etc, cannot be repaired by the facilities available to ships staff, Forms AS 2061Z requesting dockyard assistance are to be raised in accordance with the normal procedure.

40. In the case of obsolescent appliances, recommendations for replacement shall be included on the above form. Dockyards shall effect repair by replacement procedure where it is technically expedient to do so, either in the course of planned maintenance or in making good defects.

41. Modern sealed unit appliances require the minimum day to day maintenance, but their life can be seriously reduced by overloading caused by the following:

- a. running the machine with too low a temperature setting;
- b. excessive door opening or leaky door joints;
- c. failure to defrost at approximately weekly intervals;
- d. dirty heat exchange surfaces;
- e. too high ambient temperature (inadequate ventilation); or
- f. inadequate ventilation.

The effect of all the above is for the running time of the compressor to be increased for the same cooling effect, and hence, more wear and tear. Units which run excessively under temperature conditions when a. and f. above are not applicable, shall be treated as defective and reported as in Paragraph 39 of this order.

42. Navy Orders 407 of 1965 and 585 of 1966 are hereby cancelled.

(ACDC 1112/51/20)

(Navy Orders 407 of 1965 and 585 of 1966)

## UNCLASSIFIED

### 213—Restriction of Tenders—Use of Proprietary Items

1. The Department of Supply has brought to notice an increasing tendency for Demanding Officers to specify proprietary brands of stores or equipments.

2. While this is necessary in particular circumstances to ensure compatibility with fitted equipment, or in implementation of a previously approved standardisation, Department of Supply has indicated that in some instances, the only reason for demanding a proprietary brand has been the fact that the item is so described in Service vocabularies even though an equivalent item would suffice.

3. The general principle of purchase of Government requirements by open tender must be adhered to as far as is possible, and requests for proprietary items must be based on a real requirement rather than on convenience.

4. To obviate avoidable queries by the purchasing authority, and consequent delays in procurement, all Demanding Officers or Technical Officers who may be involved are to ensure that in the appropriate Procurement Demand or technical advice:

- a. a general specification is quoted whenever practicable;
- b. where specifications are not available, and the item is designated by a proprietary name, but an equivalent item is acceptable, the words 'or equivalent' are included; or
- c. where one product only is acceptable, for valid reasons such as compatibility with existing equipment, or standardisation based on previous public tenders or other approval, the specific reasons for restriction of tenders are clearly stated.

(DSAP 400/1/319)

## UNCLASSIFIED

### 214—USN Supply System—Priorities for Issue of RAN Requirement

Navy Order 138 of 1968 is to be amended as follows:

a. *amend to include* the following additional paragraphs:

'8. It is essential that the quantity of an item demanded under Issue Priority Designators up to 15, inclusive, represents only the requirement that is urgently needed. Additional quantities of the item needed to satisfy routine requirements are to be given the appropriate IPD, ie, from 16 to 20, inclusive.

9. In the event of changing circumstances necessitating amendment to Issue Priority Designators already allocated to demands which have not yet been satisfied the appropriate Superintending Stores Officer should be informed of the modified IPD as soon as practicable.'

b. **Annex:**

In Paragraph 2 a. *amend* the Urgency of Need Designator (UND) priority sequence gradings expressed as '(1), (2), (3) and (4)' to read 'A, B, C and D' respectively.

(DSAP 501/251/9)

(Navy Order 138 of 1968)

By Authority: A. J. ARTHUR, Commonwealth Government Printer, Canberra



RESTRICTED

ANO's 215-228/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
13 May 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

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## Section 1

### ADMINISTRATIVE AND GENERAL

#### UNCLASSIFIED

#### 215—Importation of Firearms

1. Instances have occurred recently where members of the Services returning from overseas have attempted to import military type firearms into Australia as their personal property.

2. The importation of weapons of this type together with ammunition is restricted under the Customs (Prohibited Imports) Regulations and it is essential that they be declared to the Customs authorities at the point of entry into Australia.

3. Their release is also subject to approval by the State Police authorities and as this approval is normally withheld the practice of attempting to import such items is to be discouraged.

4. At the 1967 Conference of Police Experts and Technicians held in Adelaide concern was expressed regarding the importation by parcels post of firearms and parts thereof from Vietnam.

5. In this regard it should be noted that the importation of pistols and any parts of pistols and rifles of a military type being of a calibre larger than .22 of an inch and parts for those rifles is prohibited under Item 27 and 30 respectively of the Customs (Prohibited Imports) Regulations. It is also an offence to show wrong information on the declaration when parcels are posted from overseas.

6. Navy Order 574 of 1966 is hereby cancelled.

(HPB 184/1/1)

(Navy Order 574 of 1966)

#### UNCLASSIFIED

#### 216—Technical Specifications Forwarded to Contracts and Disposals Branch, Department of Supply

1. The Department of Supply has drawn attention to the fact that from time to time technical specifications received by the Contracts and Disposals Branch for the purpose of inviting public tenders include clauses which are not related to technical aspects of the requirement.

2. The clauses in question relate to such matters as the method and conditions of lodgment of tender, preference to Australian manufacture and other contractual provisions which should correctly be included only in the tender form issued by the Contracts and Disposals Branch. The Department of Supply point out that the correct procedure is for the client Department to draw the attention of the Contracts and Disposals Branch to the need for special emphasis of any such non-technical point in the tender form.

(SEO (MAT) 126/1/12)

## Section 2

## PERSONNEL

UNCLASSIFIED

**217—Entertaining Allowance—Policy Relating to Reimbursement Under NPI 21/2 and 22/1**

1. Reimbursement of expenses incurred in entertaining official visitors to HMA ships or establishments may be made under the provisions of either NPI 21/2 or 22/1 as appropriate. For information the following is the broad policy relating to these instructions:

- a. Where the visit is primarily for the purposes of entertainment reimbursement is made from the Entertaining Fund under NPI 21/2; and
- b. Where persons visit a ship or establishment for some purpose other than entertainment and where the entertainment is only incidental to the primary purpose of the visit reimbursement of expenses is made under NPI 22/1.

2. The above provisions will be included in NPI at an early date. Instructions 21/2 and 22/1 should be noted pending amendment.

(HPB 252/9/16)

UNCLASSIFIED

**218—Ships Sporting Colours**

Navy Order 253 of 1966 is to be amended as follows:

## Appendix:

	Ship/Establishment	Jumper	Socks
add	FLEET ..	.. Royal blue with gold hoops.	Royal blue with gold hoops.
	STALWART ..	.. Maroon with gold shoulders, maroon circle on left breast containing gold acorn.	Maroon and gold hoops.

(DPS 138/6/31)

(Navy Order 253 of 1966)

## Section 3

## OPERATIONAL AND TRAINING

RESTRICTED

**219—Gunnery—Fire Control—MRS 3—Radar Type 903 and Aerial Outfit AKK—Collimation—Use of Helicopters**

(DCI (RN) 1209/1967)

1. Results of recent trials by the Royal Navy have shown that a helicopter fitted with Luneberg Lenses is of considerable use when setting to work radar Type 903 and when the flying of radar calibrating balloons is not practicable.

2. Helicopters fitted with Luneberg Lenses are not available to the RAN and therefore helicopters without lenses are to be used only as a last resort. If a helicopter is used then the following procedure should be adopted.

3. It should close slowly on a direct course towards the ship at a height of 4000 ft. At 5,100 yds range, set the gain of the Operational Circuits Unit for half a degree misalignment.

4. When correctly set to work the system should hold the helicopter in Blind Control as follows:

Range 10,000 yds in a  $\pm 10$  minute box.

Range 5,000 yds in a  $\pm 5$  minute box.

Assessments of point of aim should only be made on direct closing courses.

5. A helicopter must not be used under conditions of anomalous propagation, heavy inversion or high humidity where refraction of the radar and visual beams (lines of sight) can be considerable, particularly at low angles of sight. A calibrating radar balloon will also suffer from the same defect. Phasing errors will be introduced into the Tracker if any attempt is made to adjust phase under such conditions. Ships can obtain advice of abnormal propagation conditions from the local meteorological station.

6. Where conditions as in Paragraph 5 exist then the CT 118 and Sighting Board should be used if collimation is required. Further information on the setting of phase and gain at the Operational Circuits Units, using this method, will be promulgated in due course.

7. It should be noted that the balloon is the primary means of collimation of all gun and missile fire control systems and a helicopter only a useful supplement. If a helicopter has been used, then as soon as possible after alignment a confirmatory balloon run should be conducted.

(DWE 737/256/123)

## Section 4

## EQUIPMENT, STORES AND SERVICING

UNCLASSIFIED

**220—Accounting for Stores in HMA Ships—Appointment of Working Party**

1. Because of storekeeping problems that have arisen subsequent to the acquisition of DDGs, a Working Party has been appointed with the following terms of reference:

- a. to investigate the general question of accounting for stores and equipment in HMA ships consequent on the acquisition of the DDGs;
- b. to make recommendations aimed at providing an acceptable and efficient system having regard to the special requirements arising from the continuing need to operate with American equipment and also future EDP involvement.

2. The Working Party comprises representatives of the Director of Supply Administration and Planning, the Director of Fleet Supply Duties, the Director of Organisation, Classification and Methods and the Assistant Secretary (EDP). During the course of the review the Working Party will be visiting selected ships and establishments.

3. Comments and proposals are invited from all authorities regarding improvements or refinements to existing storekeeping procedures on ships. Such proposals should be submitted as early as possible through normal administrative channels to the Secretary, Department of the Navy, Canberra, for attention DSAP.

(DSAP 400/1/388)

## UNCLASSIFIED

**221—Alteration and Addition Item—HMAS MORESBY**

The following Alteration and Addition Item is approved to be carried out in HMAS MORESBY:

*Class List Item No 35 (Ex TDL 'AW')*

- a. *Item:* To supply and fit an electrically operated bottom sampling winch on the port side of the Quarter Deck opposite the existing bathythermograph winch. Bottom sampling winch to be approximately twice as powerful, of more robust construction, but of similar design as the bathythermograph winch at present used for both bottom sampling and bathythermograph duties.
- b. No additional weight surrender is required provided the spare drum is landed.
- c. *References:* (1) HMAS MORESBY's Form AS 1182 TDL 'AW' dated 12 November 1965, forwarded under cover of FOCAF Memorandum AF 1936/33 dated 30 November 1965  
 (2) Navy Office Memorandum 1228/52/143 dated 17 March 1966.  
 (3) HMAS MORESBY's Memorandum 162/22 dated 18 May 1966, forwarded under cover of FOCAF Memorandum AF 1212/37/5 dated 27 May 1966.  
 (4) Navy Office Memorandum 1228/52/143 dated 2 November 1966.  
 (5) GMGID Memorandum N20/14/344 dated 12 May 1967.

(CNTS 1228/52/143)

## UNCLASSIFIED

**222—Care of Instructional Films**

1. It is essential that the attention of all concerned be drawn to the increasing number of films which are being withdrawn from circulation from the RAN Film Library, Sydney, because of avoidable damage. The care of all films must be the operators first consideration if supplies of films are not to be curtailed. Unless damage to films is detected and remedied the film is quickly ruined by subsequent showings. Films are expensive, costing between \$30-\$90 for each 400 ft reel in black and between \$60-\$150 for each 400 ft reel in colour.

2. Strict observance of the following general points will do much to prolong the life of films and reduce the materials and time expended in the cleaning and repair of films returned to the RAN Film Library:

- keep film away from its biggest enemies—heat, dust, grit, oil;
- do not remove protective and threading leaders and tails from films;
- clean the complete film path of the projector before each show;
- clean the projector gate before each reel. Particular attention should be given to the light aperture;
- after threading films in the projector check that sprocket teeth are correctly engaged in the film sprocket holes;
- do not let film drop on to the floor or deck, no matter how clean the floor or deck may seem;
- when rewinding film, take care to have sprocket side of film resting lightly against spool so as to protect sound track;

- care is to be taken to ensure film is not creased or wrinkled while handling, otherwise broken sprocket holes, permanent creases and eventually torn film, will result;
  - rewind film steadily and safely—it should take at least one minute to wind 400 feet of 16 mm film. Avoid rapid acceleration or deceleration. Rewind film on a clean tidy bench;
  - do not unwind excessive film from spools when threading or rewinding;
  - do not use bent spools; and
  - return films on correct spools and in correctly labelled containers.
3. Any film which becomes damaged should be returned immediately to SNSO, Sydney, for repair by equipment specially held for this purpose.

(DNS 519/56/47)

## UNCLASSIFIED

**223—Naval Stores (Electrical) (Group Class 0556)—Allowance of Irons, Laundry—HMA Ships and Establishments**

1. The present allowance of irons, laundry, steam to HMA ships and establishments has been revised and the new scales are as follows:

a. *HMA Ships:*

- In ships with fully equipped laundries—1 No iron steam for 25 men or part of 25 men.
- In all other ships—1 No iron steam for 12 men or part of 12 men.

b. *HMA Establishments:*

- 1 No iron steam per mess or dormitory up to 15 males and 1 No for each additional 15 males.
- 1 No iron steam per mess or dormitory up to 12 females and 1 No for each additional 12 females.

2. Demands for quantities required to complete holdings to the revised allowances should be lodged with SNSO, Sydney. Supply will be effected as stocks become available, however until such time as current stock of irons, laundry, dry are exhausted demands may be met by issue on a one for one basis.

(DSAP 519/78/54)

## UNCLASSIFIED

**224—Naval Stores (General) (Group Class 7920)—Brush, Sanitary—Introduction**

1. Following the successful trials of Plastic WC Brushes in the RAN, it has been decided to introduce the following item:

Group Class	Catalogue Number	Description	Accounting Classification
7920	66-027-4353	Brush, sanitary, nylon bristle, plastic handle . .	Consumable

The Manufacturers Code is Z0761 Part No 424.

2. Demands for the new type brush should be forwarded to SNSO, Sydney. However, issue of this type will not be effected until stocks of Brushes, wooden handled 0476-943-2853, which are now to be classified as obsolescent, have been exhausted.

(DSAP 514/56/61)

UNCLASSIFIED

**225—Stores—Accounting—Introduction of Forms Designed for EDP Purposes—Posting to Ledgers and Filing**

1. The following instructions applicable to ledger posting and filing of the recently introduced forms specially designed for EDP purposes, are promulgated for the guidance of all concerned in HMA ships and establishments.

2. The full registration data shown on the forms is not to be quoted in stores ledgers; only the 'Register' code and number shown in the 'Registration No' block are to be endorsed against the relevant entry.

3. An example of the registration data to be quoted against an entry is as follows:

*Type of Voucher:* Form SSI, Stocktaking Discrepancy Report.

*Full Registration Data:* Source Year Reg Registration No

4567 68 K 123

*Entry in Voucher column of ledger:* K123

4. In the case of Issue Vouchers or Local Issue Vouchers received from store depots, care is to be taken that the Register code and Registration No quoted in the stores ledgers are not those relevant to the Back Reference, ie, ships demand, registration data.

5. Vouchers are to be filed in numerical sequence of Registration No under each Register code. Stores Returns and Stores Return Vouchers have the same Register code, namely 'E'. One file is to be maintained of Stores Returns (Forms SX 27 and SX 28) and another file of Stores Return Vouchers (Forms SX 25).

6. ABR 4, Chapter 18, will be amended.

(DSAP 464/51/52)

UNCLASSIFIED

**226—Stores (General) (Group Class 1560)—Airframe Structural Components—Change of Stock Numbers**

1. The Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
1560	00-991-8972	Skid, tube assy	1620	00-991-8972
1560	00-996-0840	Oil cooler assy	1615	00-996-0840
1560	00-340-6998	Gasket	1615	00-340-6998
1560	00-439-8473	Bearing sleeve	1615	00-439-8473
1560	00-439-8474	Clip, retainer	1615	00-439-8474
1560	00-446-4395	Coupling set	1615	00-446-4395
1560	00-446-4397	Blade, rotary, rubber	1615	00-446-4397
1560	00-446-6372	Ring	1615	00-446-6372
1560	00-446-6373	Nut	5310	00-446-6373
1560	00-446-6374	Plate assy	1615	00-446-6374
1560	00-446-6375	Ring, lock, keyed	5310	00-446-6375
1560	00-446-6377	Washer	1615	00-446-6377
1560	00-446-6378	Ring	1615	00-446-6378
1560	00-446-6379	Bushing sleeve	1615	00-446-6379

Old Stock No		Item Number	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
1560	00-446-6380	Bushing sleeve	1615	00-446-6380
1560	00-446-6382	Bushing sleeve	1615	00-446-6382
1560	00-446-6384	Seal	1615	00-446-6384
1560	00-446-6386	Bearing ball	1615	00-446-6386
1560	00-446-6387	Shim	1615	00-446-6387
1560	00-446-6388	Shim	1615	00-446-6388
1560	00-474-8469	Adapter, gearbox	1615	00-474-8469
1560	00-474-9137	Strap set	1615	00-474-9137
1560	00-474-9139	Fitting	1615	00-474-9139
1560	00-474-9146	Liner assy	1615	00-474-9146
1560	00-474-9147	Bushing	1615	00-474-9147
1560	00-474-9151	Ring assy	1615	00-474-9151
1560	00-474-9166	Sleeve	1615	00-474-9166
1560	00-474-9167	Liner	1615	00-474-9167
1560	00-474-9175	Cap, liner	1615	00-474-9175
1560	00-474-9188	Bushing	1615	00-474-9188
1560	00-474-9223	Yoke assy	1615	00-474-9223
1560	00-474-9224	Trunnion assy	1615	00-474-9224
1560	00-474-9227	Block	1615	00-474-9227
1560	00-474-9228	Ring	1615	00-474-9228
1560	00-580-0705	Retainer, roller, bearing	1615	00-580-0705
1560	00-580-0706	Retainer, roller, bearing	1615	00-580-0706
1560	00-580-2008	Seal, plain, encased	1615	00-580-2008
1560	00-582-4141	Shim	1615	00-582-4141
1560	00-584-2080	Shim	1615	00-584-2080
1560	00-584-2082	Shim	1615	00-584-2082
1560	00-605-5100	Drive shaft	1615	00-605-5100
1560	00-624-5151	Reservoir, main rotor	1615	00-624-5151
1560	00-624-5230	Fitting lubrication	4370	00-624-5230
1560	00-624-5245	Screen assy	1615	00-624-5245
1560	00-624-5250	Ring locking gearshaft	1615	00-624-5250
1560	00-624-5251	Nut, bearing	5310	00-624-5251
1560	00-624-5321	Nut, bearing retainer	1615	00-624-5321
1560	00-624-6714	Nut, plain, round	3110	00-624-6714
1560	00-624-6723	Cover, oil, reservoir	1615	00-624-6723
1560	00-624-6956	Sprocket wheel	1615	00-624-6956
1560	00-624-6960	Plate, retaining bearing	1615	00-624-6960
1560	00-625-0019	Bearing ball	1615	00-625-0019
1560	00-625-0037	Liner, bearing	1615	00-625-0037
1560	00-625-0038	Cone set	1615	00-625-0038
1560	00-625-0116	Gasket	5330	00-625-0116
1560	00-625-0117	Gasket	1615	00-625-0117
1560	00-625-0127	Nut	5310	00-625-0127
1560	00-625-0132	Seal, plain	1615	00-625-0132
1560	00-625-0133	Retaining ring pump	1615	00-625-0133
1560	00-625-0134	Sprocket, hydraulic	1615	00-625-0134
1560	00-625-0139	Shim	1615	00-625-0139
1560	00-625-0196	Packing, preformed	1615	00-625-0196
1560	00-649-8351	Clip	5340	00-649-8351
1560	00-674-4208	Indicator	1615	00-674-4208
1560	00-675-3229	Spring	1730	00-675-3229

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
1560	00-690-7294	Adapter assy	1615	00-690-7294
1560	00-691-2141	Control nut assy	1615	00-691-2141
1560	00-691-2151	Sleeve assy	1615	00-691-2151
1560	00-691-2153	Connector, cargo	1680	00-691-2153
1560	00-691-2158	Spring	5340	00-691-2158
1560	00-691-2159	Plate mounting	1615	00-691-2159
1560	00-691-2165	Cap, seal	1615	00-691-2165
1560	00-701-4133	Bearing plain	3110	00-701-4133
1560	00-701-4142	Coupling driveshaft	1615	00-701-4142
1560	00-701-4143	Retainer	1615	00-701-4143
1560	00-701-5659	Spring	1615	00-701-5659
1560	00-701-9879	Plug, oil	1615	00-701-9875
1560	00-701-9880	Bearing, roller	3110	00-701-9880
1560	00-701-9884	Ring, centering	1615	00-701-9884
1560	00-701-9940	Support transmission	1615	00-701-9940
1560	00-701-9941	Retainer	1615	00-701-9941
1560	00-702-2295	Rubber strip	9320	00-702-2295
1560	00-709-8602	Nut	5310	00-709-8602
1560	00-709-8628	Cap, grease	1615	00-709-8628
1560	00-710-4433	Grip assy	1680	00-710-4433
1560	00-710-5720	Rubber strip	9320	00-710-5720
1560	00-711-8508	Sleeve blind nut	5320	00-711-8508
1560	00-713-8354	Nut, plain, spline	5310	00-713-8354
1560	00-713-8353	Spacer set, ring	1615	00-713-8353
1560	00-714-5322	Shim	5340	00-714-5322
1560	00-716-8568	Fitting drag brace	1615	00-714-8568
1560	00-716-8570	Bearing	3110	00-714-8570
1560	00-716-8594	Pivot, drive shaft	1615	00-716-8594
1560	00-702-2294	Rubber strip	9320	00-702-2295
1560	00-731-7956	Gear spur	1615	00-731-7956
1560	00-731-7957	Trunnion, left hand	2995	00-731-7957
1560	00-731-7958	Trunnion, right hand	2995	00-731-7958
1560	00-731-7960	Fitting assy	2995	00-731-7960
1560	00-731-7967	Bearing sleeve	3120	00-731-7967
1560	00-731-8037	Blower	2935	00-731-8037
1560	00-731-8089	Coupling	1615	00-731-8089
1560	00-731-8971	Arm	2995	00-731-8971
1560	00-731-8972	Actuator	2995	00-731-8972
1560	00-736-4002	Crosshead assy	2520	00-736-4002
1560	00-737-6566	Damper assy	1615	00-737-6566
1560	00-737-6596	Fin assy	1615	00-737-6596
1560	00-737-6605	Cooler assy	2935	00-737-6605
1560	00-738-8359	Tube assy	2995	00-738-8359
1560	00-738-8368	Indicator	6220	00-738-8368
1560	00-738-8369	Indicator	1615	00-738-8369
1560	00-739-2586	Scoop assy	1660	00-739-2586
1560	00-739-4570	Gear spur	1615	00-739-4570
1560	00-756-9140	Blade rotary wing	1615	00-756-9140
1560	00-765-2406	Retainer	1615	00-765-2406
1560	00-765-2417	Coupling	1615	00-765-2417
1560	00-765-4408	Race, outer	1615	00-765-4408

Old Stock No		Item Number	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
1560	00-765-6261	Spring	1680	00-765-6261
1560	00-766-8592	Quill assy	1615	00-766-8592
1560	00-766-8593	Quill assy	1615	00-766-8593
1560	00-767-2035	Shim	5340	00-767-2035
1560	00-767-4219	Gradient assy	1680	00-767-4219
1560	00-771-2513	Trunnion	1615	00-771-2513
1560	00-775-7747	Fitting assy	2995	00-775-7747
1560	00-776-1626	Gearbox assy	1615	00-776-1626
1560	00-780-2661	Cap assy	1615	00-780-2661
1560	00-780-2662	Yoke assy	1615	00-780-2662
1560	00-785-3622	Shim	1615	00-785-3622
1560	00-785-3623	Housing	1615	00-785-3623
1560	00-785-3624	Bearing sleeve	1615	00-785-3624
1560	00-786-1610	Nut assy	1680	00-786-1610
1560	00-787-2486	Hub assy	1615	00-787-2486
1560	00-787-2496	Spacer sleeve	5340	00-787-2496
1560	00-787-2498	Ring	1615	00-787-2498
1560	00-787-2511	Stabilizer bar	1615	00-787-2511
1560	00-787-4253	Plate quill assy	1615	00-787-4253
1560	00-787-4257	Washer	1615	00-787-4257
1560	00-787-4265	Jet assy	1615	00-787-4265
1560	00-787-4268	Shaft	1615	00-787-4268
1560	00-787-4273	Shaft	1680	00-787-4273
1560	00-787-4281	Plate	1680	00-787-4281
1560	00-792-6406	Gear, bevel	3020	00-792-6406
1560	00-794-7252	Fitting assy	1615	00-794-7252
1560	00-796-9762	Washer, key	5310	00-796-9762
1560	00-797-1032	Jet, ore	1615	00-797-1032
1560	00-797-2433	Liner, bearing	1615	00-797-2433
1560	00-797-2435	Bearing, sleeve	1615	00-797-2435
1560	00-797-2437	Ring	1615	00-797-2437
1560	00-797-2438	Nut, plain, spline	5310	00-797-2438
1560	00-797-6033	Plug	1615	00-797-6033
1560	00-798-3642	Shaft, oil, pump	1615	00-798-3642
1560	00-798-3643	Sleeve assy	1615	00-798-3643
1560	00-829-6842	Ring, input, quill	1615	00-829-6842
1560	00-829-6843	Plate	1615	00-829-6843
1560	00-829-6844	Quill assy	1615	00-829-6844
1560	00-829-6848	Tube assy	1615	00-829-6848
1560	00-829-6849	Shim	5340	00-829-6849
1560	00-829-6850	Shim	5340	00-829-6850
1560	00-829-6855	Universal	1615	00-829-6855
1560	00-830-4285	Bearing sleeve	1615	00-829-4285
1560	00-830-9726	Lever bearing	1615	00-830-9726
1560	00-830-9727	Spacer, boot	1615	00-830-9727
1560	00-830-9731	Link assy	1615	00-830-9731
1560	00-830-9736	Bolt assy	1615	00-830-9736
1560	00-830-9737	Nut, plain, round	5310	00-830-9737
1560	00-830-9739	Static stop	1615	00-830-9739
1560	00-830-9745	Lever assy	1615	00-830-9745
1560	00-830-9746	Tie rod	1615	00-830-9746

Old Stock No				New Stock No			
Group Class	Catalogue Number	Item Number		Group Class	Catalogue Number		
1560	00-830-9750	Link assy	.. ..	1615	00-830-9750		
1560	00-830-9754	Lever assy	.. ..	1615	00-830-9754		
1560	00-830-9755	Connecting link	.. ..	1615	00-830-9755		
1560	00-830-9756	Bearing and linear	.. ..	1615	00-830-9756		
1560	00-830-9764	Tube assy	.. ..	1615	00-830-9764		
1560	00-831-0329	Tube assy	.. ..	1615	00-831-0329		
1560	00-831-0330	Coupling	.. ..	1615	00-831-0330		
1560	00-831-1438	Restrictor assy	.. ..	4730	00-831-1438		
1560	00-831-1439	Tube assy	.. ..	2995	00-831-1439		
1560	00-839-0971	Bearing	.. ..	3110	00-839-0971		
1560	00-840-8611	Bearing	.. ..	3110	00-840-8611		
1560	00-858-8394	Pinion main input	.. ..	1615	00-858-8394		
1560	00-858-8401	Bearing sleeve	.. ..	1615	00-858-8401		
1560	00-858-8405	Liner	.. ..	1615	00-858-8405		
1560	00-859-2745	Housing assy	.. ..	1615	00-859-2745		
1560	00-859-6112	Adaptor	.. ..	1615	00-859-6112		
1560	00-859-6113	Plate	.. ..	1615	00-859-6113		
1560	00-859-6163	Lockwasher	.. ..	1615	00-859-6163		
1560	00-859-6225	Clutch assy	.. ..	1615	00-859-6225		
1560	00-893-2017	Quill assy	.. ..	1615	00-893-2017		
1560	00-897-5183	Bushing, sleeve	.. ..	1730	00-897-5183		
1560	00-897-5184	Bushing, sleeve	.. ..	1730	00-897-5184		
1560	00-898-0003	Bushing	.. ..	1730	00-898-0003		
1560	00-898-0045	Lever	.. ..	1615	00-898-0045		
1560	00-898-0048	Spacer	.. ..	1615	00-898-0048		

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 607/51/69)

UNCLASSIFIED

227—Stores (General) (Group Class 5910)—Capacitors—Change of Stock Numbers

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5910	00-164-7657	Capacitor	5910	00-853-4466	
5910	00-174-9195	Capacitor	5910	00-543-9478	
5910	00-184-9964	Relay armature	5945	00-184-9964	
5910	00-198-9804	Insulator standoff	5970	00-198-9804	
5910	00-280-7672	Capacitor	5910	00-669-2225	
5910	00-508-1713	Coupling shaft	3010	00-508-1713	
5910	00-519-6236	Capacitor	5910	00-583-0633	
5910	00-531-8779	Washer flat	5310	00-531-8779	
5910	00-543-1188	Capacitor	5910	00-668-0582	
5910	00-556-9410	Capacitor	5910	00-648-7990	
5910	00-564-1023	Capacitor	5910	00-669-3137	

Old Stock No				New Stock No			
Group Class	Catalogue Number	Item Name		Group Class	Catalogue Number		
5910	00-577-9235	Capacitor	.. ..	5910	00-538-1706		
5910	00-583-0039	Capacitance	.. ..	6625	00-583-0039		
5910	00-615-9937	Capacitor	.. ..	5910	00-800-4550		
5910	00-618-7507	Elbow, pipe to tube	.. ..	4730	00-618-7507		
5910	00-623-3061	Capacitor	.. ..	5910	00-824-0174		
5910	00-644-0611	Capacitor	.. ..	5910	00-557-5938		
5910	00-644-0827	Capacitor	.. ..	5910	00-669-3997		
5910	00-644-6254	Capacitor	.. ..	5910	00-668-3848		
5910	00-844-2626	Bearing	.. ..	3110	00-844-2626		
5910	00-810-4864	Capacitor	.. ..	5910	00-810-4864		
5910	00-197-1562	Capacitor	.. ..	5910	00-702-0428		
5910	00-174-9194	Capacitor	.. ..	5910	00-543-9480		
5910	00-754-9409	Capacitor	.. ..	5910	00-822-5683		
5910	00-803-0682	Resistor	.. ..	5905	00-803-0682		
5910	00-552-0711	Capacitor	.. ..	5910	00-504-7754		
5910	00-827-3799	Capacitor	.. ..	5910	00-950-1477		
5910	00-808-5296	Capacitor	.. ..	5910	00-802-3511		
5910	00-667-7103	Capacitor	.. ..	5910	00-686-9113		
5910	00-593-9081	Fitting assy	.. ..	1560	00-593-9081		
5910	00-819-7643	Capacitor	.. ..	5910	00-171-2952		
5910	00-827-1668	Capacitor	.. ..	5910	00-112-7260		
5910	00-825-9758	Capacitor	.. ..	5910	00-112-6956		
5910	00-818-5475	Capacitor	.. ..	5910	00-189-5486		
5910	00-818-6509	Capacitor	.. ..	5910	00-112-7437		
5910	00-683-6813	Capacitor	.. ..	5910	00-681-9337		
5910	00-646-5706	Capacitor	.. ..	5910	00-849-7518		
5910	00-846-1587	Washer, flat	.. ..	5310	00-846-1587		
5910	00-011-7826	Gasket	.. ..	2815	00-011-7826		
5910	00-061-7446	Capacitor	.. ..	5910	00-615-5472		
5910	00-100-5764	Capacitor	.. ..	5910	00-583-1590		
5910	00-660-8787	Winding, generator field	.. ..	6115	00-660-8787		
5910	00-667-7062	Capacitor	.. ..	5910	00-666-8810		
5910	00-686-6192	Capacitor	.. ..	5910	00-683-3146		
5910	00-723-4604	Capacitor	.. ..	5910	00-723-4604		
5910	00-726-7093	Tube assy, metal	.. ..	2845	00-726-7093		
5910	00-766-3662	Capacitor	.. ..	5910	00-538-4437		
5910	00-794-3441	Capacitor	.. ..	5910	00-553-5681		
5910	00-794-3656	Capacitor	.. ..	5910	00-811-1281		
5910	00-806-1494	Capacitor	.. ..	5910	00-702-7192		
5910	00-809-4602	Connector, plug, electrical	.. ..	5935	00-809-4602		
5910	00-811-6237	Capacitor	.. ..	5910	00-542-7371		
5910	00-815-0379	Capacitor	.. ..	5910	00-058-3330		
5910	00-815-8542	Capacitor	.. ..	5910	00-815-6881		
5910	00-021-9221	Resistor	.. ..	5905	00-021-9221		
5910	00-129-6240	Capacitor	.. ..	5910	00-543-9294		
5910	00-161-1133	Capacitor	.. ..	5910	00-686-8965		
5910	00-228-5944	Capacitor	.. ..	5910	00-848-9401		
5910	00-666-7937	Capacitor	.. ..	5910	00-227-0793		
5910	00-280-5132	Capacitor	.. ..	5910	00-686-8961		
5910	00-192-8417	Capacitor	.. ..	5910	00-087-2471		
5910	00-546-0067	Shaft	.. ..	2520	00-546-0067		

**RESTRICTED**

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<i>Old Stock No</i>		<i>Item Name</i>	<i>New Stock No</i>	
<i>Group Class</i>	<i>Catalogue Number</i>		<i>Group Class</i>	<i>Catalogue Number</i>
5910	00-581-6753	Resistor .. .. .	5905	00-581-6753
5910	00-615-0503	Shield, electron tube .. .. .	5960	00-615-0503
5910	00-617-3958	Capacitor .. .. .	5910	00-577-1148
5910	00-649-1107	Capacitor .. .. .	5910	00-161-1625
5910	00-666-7151	Capacitor .. .. .	5910	00-543-0710
5910	00-669-3596	Capacitor .. .. .	5910	00-668-6143
5910	00-678-6785	Cartridge .. .. .	5835	00-678-6785
5910	00-686-6109	Capacitor .. .. .	5910	00-613-5230
5910	00-851-5710	Capacitor .. .. .	5910	00-578-8482
5910	00-950-1770	Capacitor .. .. .	5910	00-809-8019

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/65/274)

**Section 5**

**BOOKS, CORRESPONDENCE, FORMS AND STATIONERY**

**UNCLASSIFIED**

**228—Stores (General)—Introduction of New Forms**

1. In addition to the forms listed in Navy Order 16 of 1968, certain other new forms designed for use with EDP have been introduced and are to be brought into general use in ships and establishments.

2. Details of the forms and those they replace are as follows:

<i>Form No</i>	<i>Title</i>	<i>Register Code</i>	<i>No of Form Replaced</i>
SO 1	Procurement Demand .. .. .	G	AD 3002
SO 2	Procurement Demand Continuation Sheet ..	G	No previous equivalent
SO 101	Receipt Note .. .. .	J	AD 56
SO 102	Combined Order/Requisition/Receipt Forms. Ships and Establishments	J	LP 1
SS 1	Stocktaking Discrepancy Report .. .. .	K	AS 148/AD 176 (inside)
SS 7	Survey, Transfer and Conversion Voucher ..	L	AD 3004

3. The new forms are to be dealt with in the same manner as the forms they replace except that the registration procedure is to be as laid down in Annex B of Navy Order 16 of 1968.

4. Requirements of the forms are to be obtained from SVSO Sydney in the usual manner.

(DSAP 464/51/52)

(Navy Order 16 of 1968)

By Authority: A. J. ARTHUR, Commonwealth Government Printer, Canberra

RESTRICTED

ANO's 229-241/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
17 May 1968

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY

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## Section 2 PERSONNEL

### UNCLASSIFIED

#### 229—Gratuities and Portage—Members Posted Oversea for Long Term or Intermediate Term Duty

1. Effective from the date of this order the provisions governing payment of gratuities and portage charges when a member travels on duty to or from an oversea country or within an oversea country have been reviewed and approval has been given for the provisions shown in the following paragraphs to apply in lieu of the existing provisions.

##### Member Posted Oversea for Long Term or Intermediate Term Duty

2. A member who while travelling is in receipt of an allowance, ie, travelling, shipboard or transit allowance is responsible for portage charges incurred for his personal baggage. However, he may be reimbursed portage charges incurred by him in respect of:

- a. approved items other than personal baggage, eg, any official material or documents carried by the member;
- b. approved personal baggage for his family where family fares are paid by the Department.

3. Where it is impracticable to separate the members personal baggage from other approved items or his familys personal baggage for the purpose of reimbursement of portage costs incurred, reimbursement may be made in full.

4. The above provisions apply in respect of duty travel to or from the oversea country or of travel on detached duty within that country.

5. Gratuities paid by a member for personal services received may no longer be reimbursed.

##### Members on Short Term Duty

6. Similarly when travel oversea is on short term duty, the allowances payable are designed to cover gratuities paid for personal services received and portage on personal baggage. However, if the member is required to carry official material and documents he may be reimbursed necessary payments incurred for portage in respect of those official items.

##### Claims

7. Payment of each claim in respect of travel to an oversea post will be subject to the approval of the Senior Naval Representative in the oversea country concerned. Where the member is attached to an Australian Embassy, etc, such as a Services Attache or his assistant, Head of Mission approval is required.

8. Payment of each claim in respect of travel to Australia from oversea posts will be subject to the approval of the Naval Board.

9. Specific claims exceeding one dollar are to be supported by appropriate receipts.

10. These provisions will be included in Naval Pay Instructions in due course.

(HPB 252/1/70)

### UNCLASSIFIED

#### 230—Income Tax—Application of Zone Allowance

1. Service in HMA ships during periods when the ships are operating in waters contiguous to a taxation Zone Allowance area as defined by the second schedule to the Income Tax Act does not constitute residence under Section 79A of the Act and accordingly does not

bestow an entitlement to claim Zone Allowances. However, a member serving in ships which are attached to an establishment in a Zone Allowance area, eg, patrol boats at HMAS MELVILLE and HMAS TARANGAU are entitled to Zone Allowance provided other requirements are met.

2. The Commissioner of Taxation has advised that some members have wrongly claimed Zone Allowance deductions in their income tax returns and have submitted as evidence of eligibility for such deductions forms signed by Commanding Officers indicating that particular ships in which they were serving were in Zone Allowance areas for part of the year of income.

3. The entitlement of officers and sailors in respect of Zone Allowance areas is determined in Navy Office and shown in the Group Certificate issued. Forms relating to Zone Allowance, which could result in personnel being allowed deductions to which they are not lawfully entitled, are not to be furnished by Commanding Officers.

4. Should any officer or sailor disagree with the information shown in his Group Certificate he should submit a query through normal service channels and the submission should be forwarded to the Director of Navy Accounts, Melbourne, together with the original and triplicate copies of the Group Certificate.

5. This order will be reprinted for posting on notice boards.

(DNA 271/52/37)

#### UNCLASSIFIED

### 231—Officers and Sailors—Taxation Concessions on Posting to and from HMAS MELVILLE

1. Personnel posted to HMAS MELVILLE may be eligible for a Zone A Taxation Concession under Section 79A of the Income Tax Assessment Act. This section provides, for residents of Zone A, a deduction of \$540 per annum plus an amount equal to one-half of the total deductions in respect of dependents, if any. The Act defines a 'resident' as a person:

- a. who resides in that area for more than one half of the year of income;
- b. who has actually been in that area, whether continuously or not, during more than one half of the year of income; or
- c. not being a person to whom Paragraph a. or Paragraph b. of this definition applies, who died during the year of income and at the date of his death resided in that area.

2. Every endeavour is made to ensure that, when possible, postings to and from HMAS MELVILLE are made on dates which enable personnel to obtain taxation concessions, as above, appropriate to their periods of service in the area.

(HPB 333/3/75)

#### UNCLASSIFIED

### 232—State War Services Land Settlement Schemes

1. The Minister for Lands of the Queensland State Government has advised that the Queensland War Service Land Settlement Act has been amended to provide preference in the allotment of new land to members of the forces who:

- a. have had six months special service within the meaning of the Repatriation (Special Overseas Service) Act 1962-1967; or
- b. satisfy the Minister that they have been materially prejudiced after less than six months special service.

2. Applications for preferential allotment of land under the Queensland War Service Land Settlement Act must be accompanied by a certificate showing details of special service. In the case of RAN personnel, the necessary certificate will be issued from Navy Office. Applications for this purpose are to be made through Commanding Officers.

3. Particulars of RAN ships allotted for special service in respect of duty in the North Borneo and the Malay Peninsula areas are shown in Navy Order 638 of 1966. Allotments made to date in respect of service in Vietnam are as follows:

HMAS HOBART	..	7 March to 27 September 1967, 22 March 1968 to date of arrival at first port of call on return to Australia.
HMAS PERTH	..	2 September 1967 to date of arrival at first port of call on return to Australia.
Clearance Diving Team 3	..	5th February 1967 to date of return to Australia.
Helicopter Flight Vietnam	..	15 October 1967 to date of return to Australia.
RAN Personnel serving with No 9 Squadron RAAF		Date of departure from Australia to date of return to Australia.

(HPB 1401/1/42)

(Navy Order 638 of 1966)

#### UNCLASSIFIED

### 233—Visual Standards—Junior Recruits

In order to forestall complaints concerning limitations of category by potential recruits of Colour Perception Standard III, it has been decided that a proforma along the following lines (to be completed and attached to Form PR 103 at the recruiting point), is to be introduced by Recruiting Officers:

#### ANNEX A (To Form PR 103)

#### Conditions of Service

I, ..... elect of my own volition to enter as a Junior Recruit but I fully understand that due to my eyesight standard I cannot be categorised in any of the following branches:

*Seaman:* Quartermaster Gunner  
Clearance Diver  
Surveying Recorder  
Coxswain  
Physical Trainer  
Radar Plot  
Underwater Control  
Underwater Weapons  
Weapons Mechanic  
Fire Control

*Communicator:* Tactical Operator

*Naval Airman:* Aircraft Handler

.....Parent .....Applicant

(HPB 351/250/542)

## Section 4

## EQUIPMENT, STORES AND SERVICING

## UNCLASSIFIED

## 234—Alteration and Addition Item—HMAS MELBOURNE

The following Alteration and Addition Item is approved to be carried out in HMAS MELBOURNE:

*Class List Item No 218 (Ex TDL 'EW')*

- a. *Item:* To improve the efficiency and safety of the aircraft sheet metal workshop by effecting the following alterations:
- (1) remove heat treatment salt bath and replace with a Huppert Electric Furnace Model 8618;
  - (2) remove F. J. Edwards sheet metal curving rollers and replace with John Heine Model 20 H curving rollers;
  - (3) remove F. J. Edwards swaging machine No 3 and replace with John Heine Model 42 J burring and wiring machine;
  - (4) remove hand lever shearing machine and replace with Garton Model No 6 medium duty shear;
  - (5) remove 8 in white Jacoby DC bench grinder and replace with GMF 8 in DC bench grinder.
- b. *Reference:* HMAS MELBOURNEs Form AS 1182 of 28 September 1966, forwarded under cover of FOCAF Memorandum AF 1212/36/20 of 20 October, 1966.
- (CNTS 1213/52/697)

## UNCLASSIFIED

## 235—Ammunition—Propellant—Landing—Destruction—Reports

(DCI (RN) 1025/1967)

1. Propellant of the following lots and sub-lots is due for withdrawal having reached age limits:

<i>Propellant Lots and Sub-lots Affected</i>	<i>Type</i>	<i>Nature of Ammunition, Etc, Which May be Involved</i>
RNC 4282 ..	SC/Z008	.. Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNC 4291 ..	} SC 048	.. Cartridges: QF 4 in (FA)
RNC 4320 ..		
RNC 4336 ..		
RNC 4290 ..	} SC 103	.. Cartridges: QF 4.5 in (SL), QF 4 in
RNC 4306 ..		
RNC 4305 ..	SC 122	.. Cartridges: QF 4.5 in (SL)

<i>Propellant Lots and Sub-lots Affected</i>	<i>Type</i>	<i>Nature of Ammunition, Etc, Which May be Involved</i>
RNC 4287 ..	} SC 140	.. Cartridges: Impulse Torpedo
RNC 4304 ..		
RNC 4317 ..		
RNC 4279 ..	} NF 029	.. Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNC 4325 ..		
RNC 4277 ..	} NF 042	.. Cartridges: QF 4 in, QF 4.5 in (SL)
RNC 4296 ..		
RNC 4324 ..		
RNC 4295 ..	NF 052	.. Cartridges: QF 4 in (FA)
RNC 4312 ..	} NF/S 168-048	.. Cartridges: QF 4.5 in (SL)
RNC 4326 ..		
RNC 4343 ..		
RNP 369 ..	SC 061	.. Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNP 368 ..	} SC 103	.. Cartridges: QF 4.5 in (SL), QF 4 in
RNP 389 ..		
RNP 390 ..		
RNP 367 ..	SC 122	.. Cartridges: QF 4.5 in (SL)
RNP 366 ..	} SC 140	.. Cartridges: Impulse Torpedo
RNP 387 ..		
RNP 365 ..	SC 150	.. Cartridges: QF 4.5 in (SL), Impulse Torpedo
RNP 373 ..	} NF 029	.. Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNP 381 ..		
RNP 357 ..	} NF 042	.. Cartridges: QF 4 in, QF 4.5 in (SL)
RNP 363 ..		
RNP 399 ..		
RNP 358 ..	} NF/S 164-048	.. Cartridges: QF 4 in
RNP 377 ..		
RNP 394 ..		
RNP 530R..		
RNP 531R..		
RNP 532R..		
RNP 359 ..	} NF/S 168-048	.. Cartridges: QF 4.5 in (SL)
RNP 372 ..		
RNP 397 ..		
RNP 344 ..	NF/S 116-036	.. Cartridges: QF 4 in (FA)

<i>Propellant Lots and Sub-lots Affected</i>	<i>Type</i>	<i>Nature of Ammunition, Etc, Which May be Involved</i>
RNP 395 .. RNP 396 ..	NF/S 198-054 ..	Cartridges: QF 4.5 in (SL)
MEC 142 ..	SC 140 ..	Cartridges: Impulse Torpedo
MEC 484R .. MEC 514R ..	SC 048 ..	Cartridges: QF 4 in (FA)
X3222 ..	N/S 164-048 ..	Cartridges: QF 4 in (FA)
BS 20615 .. BS 20542 ..	SUK 1.7-0.6 ..	Motor Rocket 2 in Flare
MEM 164 ..	FNHP 022 ..	QF 40/60

2. Action to be taken by HMA ships, establishments and proof ranges Return to RAN armament depot as early as practicable. If unable to comply within three months from date of this order, report specially to DAS for instructions. NM and ER BR 862 Article 1126 refers.

3. Action to be taken at RAN armament depots Declare for disposal. Propellant Acceptance Lists are to be amended.  
(DAS 729/51/77)

UNCLASSIFIED

236—Ammunition—Propellant—Landing—Destruction—Reports

(DCI (RN) 1369/1967)

1. Propellant of the following lots and sub-lots is due for withdrawal having reached age limits:

<i>Propellant Lots and Sub-lots Affected</i>	<i>Type</i>	<i>Nature of Ammunition, Etc, Which May be Involved</i>
RNC 4454 ..	SC/Z008 ..	Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNC 4417 .. RNC 4463 .. RNC 4479 ..	SC 103 ..	Cartridges: QF 4.5 in (SL), QF 4 in
RNC 4443 ..	SC 122 ..	Cartridges: QF 4.5 in (SL)
RNC 4430 .. RNC 4462 ..	SC 140 ..	Cartridges: Impulse Torpedo
RNC 4426 .. RNC 4488 ..	NF 029 ..	Cartridges: QF 4 in (FA), QF 4.5 in (SL)

<i>Propellant Lots and Sub-lots Affected</i>	<i>Type</i>	<i>Nature of Ammunition, Etc, Which May be Involved</i>
RNC 4422 ..	NF 042 ..	Cartridges: QF 4 in, QF 4.5 in (SL)
RNC 4470 ..	NF 070 ..	Cartridges: QF 4 in (FA)
RNC 4405 ..	NF/S 116-036 ..	Cartridges: QF 4 in (FA)
RNC 4425 .. RNC 4451 ..	NF/S 164-048 ..	Cartridges: QF 4 in
RNC 4436 .. RNC 4445 .. RNC 4465 ..	HSCK/T 124-058 ..	Cartridges: A/S Squid
RNC 4419 .. RNC 4420 .. RNC 4421 .. RNC 4433 .. RNC 4434 .. RNC 4435 .. RNC 4446 .. RNC 4447 .. RNC 4466 .. RNC 4467 .. RNC 4468 .. RNC 4481 .. RNC 4482 .. RNC 4483 ..	HSCK/T 134055 ..	Cartridges: A/S Squid, A/S Mortar
RNP 472 ..	SC 061 ..	Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNP 448 .. RNP 449 .. RNP 470 .. RNP 471 .. RNP 476 ..	SC 103 ..	Cartridges: QF 4.5 in (SL), QF 4 in
RNP 453 .. RNP 469 ..	SC 122 ..	Cartridges: QF 4.5 in (SL)
RNP 446 .. RNP 468 ..	SC 140 ..	Cartridges: Impulse Torpedo
RNP 445 ..	SC 150 ..	Cartridges: QF 4.5 in (SL), Impulse Torpedo
RNP 458 .. RNP 462 .. RNP 481 ..	NF 029 ..	Cartridges: QF 4 in (FA), QF 4.5 in (SL)

Propellant Lots and Sub-lots Affected	Type	Nature of Ammunition, Etc, Which May be Involved
RNP 463 .. RNP 464 .. RNP 465 .. RNP 480 .. RNP 486 ..	.. } NF 042	.. Cartridges: QF 4 in, QF 4.5 in (SL)
RNP 455 ..	.. NF 052	.. Cartridges: QF 4 in (FA)
RNP 456 .. RNP 457 .. RNP 461 ..	.. } NF 059	.. Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNP 607R ..	.. N/S 164-048	.. Cartridges: QF 4 in (FA)
RNP 487 ..	.. N/S 198-054	.. Cartridges: QF 4.5 in (SL)
RNP 439 .. RNP 477 .. RNP 478 ..	.. } NF/S 164-048	.. Cartridges: QF 4 in
RNP 454 .. RNP 460 .. RNP 483 ..	.. } NF/S 168-048	.. Cartridges: QF 4.5 in (SL)
RNP 479 ..	.. NF/S 116-036	.. Cartridges: QF 4 in (FA)
RNP 2445 ..	.. SUK/X11	.. Motors Rocket A/C 3 in
BS 20616 .. BS 20635XA ..	.. } SUK 1.7-0.6	.. Motors Rocket 2 in flare
X 3254 .. X 3275 .. X 3277 .. X 3278 ..	.. } NS 164-048	.. Cartridges: QF 4 in (FA)

2. Action to be taken by HMA ships, establishments and proof ranges Return to RAN armament depot as early as practicable; if unable to comply within three months from date of this order, report specially to DAS for instructions. NM and ER BR 862 Article 1126 refers.

3. Action to be taken at RAN armament depots Declare for disposal. Propellant Acceptance lists are to be amended.

(DAS 700/62/130)

UNCLASSIFIED

237—Ammunition—Propellant—Landing—Destruction—Reports

(DCI (RN) 1491/1967)

1. Propellant of the following lots and sub-lots is due for withdrawal having reached age limits:

Propellant Lots and Sub-lots Affected	Type	Nature of Ammunition, Etc, Which May be Involved
RNC 4522 ..	.. SC/Z 008	.. Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNC 4500 .. RNC 4501 .. RNC 4537 ..	.. } SC 048	.. Cartridges: QF 4 in (FA)
RNC 4514 ..	.. SC 061	.. Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNC 4512 ..	.. SC 103	.. Cartridges: QF 4.5 in (SL), QF 4 in
RNC 4497 .. RNC 4511 .. RNC 4526 ..	.. } SC 140	.. Cartridges: Impulse Torpedo
RNC 4532 ..	.. NF 029	.. Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNC 4506 ..	.. NF 042	.. Cartridges: QF 4 in, QF 4.5 in (SL)
RNC 4452 .. RNC 4518 ..	.. } NF/S 164-048	.. Cartridges: QF 4 in
RNC 4531 .. RNC 4544 ..	.. } NF/S 168-048	.. Cartridges: QF 4.5 in (SL)
RNC 4540 ..	.. HSCK/T 124-058	.. Cartridges: A/S Squid
RNC 4502 .. RNC 4503 .. RNC 4515 .. RNC 4516 .. RNC 4517 .. RNC 4528 .. RNC 4529 .. RNC 4538 .. RNC 4539 ..	.. } HSCK/T 134-055	.. Cartridges: Squid A/S Mortar
RNP 494 .. RNP 498 .. RNP 513 ..	.. } SC 103	.. Cartridges: QF 4.5 in (SL), QF 4 in

Propellant Lots and Sub-lots Affected	Type	Nature of Ammunition, Etc. Which May be Involved
RNP 492 ..	} SC 140	.. Cartridges: Impulse Torpedo
RNP 511 ..		
RNP 497 ..	} SC 150	.. Cartridges: QF 4.5 in (SL), Impulse Torpedo
RNP 516 ..		
RNP 506 ..	} NF 029	.. Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNP 522 ..		
RNP 704R ..		
RNP 507 ..	} NF 052	.. Cartridges: QF 4 in (FA)
RNP 520R ..		
RNP 521 ..	NF 059	.. Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNP 504 ..	} NF/S 164-048	.. Cartridges: QF 4 in
RNP 505 ..		
RNP 519 ..		
RNP 523 ..		
RNP 524 ..		
RNP 2461 ..	} SUK/XII	.. Motors Rocket A/C 3 in
RNP 2453 ..		
MEC 145 ..	} SC 103	.. Cartridges: QF 4.5 in (SL), QF 4 in
MEC 149 ..		
X 3014 ..	} N/S 164-048	.. Cartridges: QF 4 in (FA)
X 3281 ..		

2. Action to be taken at RAN ships, establishments and proof ranges

Return to RAN armament depot as early as practicable. If unable to comply within three months from date of this order report specially to DAS. NM and ER BR 862 Article 1126 refers.

3. Action to be taken at RAN armament depots

Declare for disposal.

(DAS 700/62/126)

## UNCLASSIFIED

### 238—Armament and Weapon Equipment Stores (Accounting)—Supply of Additional Ledger Pages

1. Additional (continuation) serially numbered ledger pages required for use in Armament and Weapon Equipment Store ledgers in ships and establishments are in future to be demanded from the Senior Inspector (Stores) c/o Superintendent of Supply Administration, Garden Island in the manner detailed in ABR 4 Article 1807. All requests are to include details of the account for which the pages are required (eg, Gunwharf Stores).

2. The standard procedure for control of ledger pages as detailed in ABR 4 Articles 1806 and 1808 is to be followed.

3. ABR 4 will be amended accordingly.

(DSAP 464/99/133)

## UNCLASSIFIED

### 239—Delegations of Authority to Arrange Purchases Without Prior Reference to Contract or District Contract Boards (Supply and Development Regulation 35 (1))

1. Current local purchase delegations granted by the Contract Board with the approval of the Minister for Supply are as follows:

Navy Office	Designation	Delegation \$
Secretary, Department of the Navy (Repair and Refit of HMA Ships)	..	Unspecified*
Assistant Chief of Naval Technical Services (Maintenance)—(Repair and Refit of HMA Ships)	..	20,000*
Directors in Supply Division	..	1,000
Director Naval Education Services	..	50
Navy Store Officer, Victualling Branch Position No 14	..	400
Assistant Navy Store Officer, Victualling Branch Position No 22	..	200

\* Exercisable only in an emergency where repair and refit work is urgently required and the time factor and/or location of the ship in Australia or New Guinea makes it impracticable to use Contract Board facilities.

#### East Australia Area

a. Supply Division, Sydney	Delegation \$
Chief Superintendent of Supply	1,000
Superintending Store Officers	400
Senior Navy Store Officer	400
Navy Store Officers	400
Deputy Navy Store Officers*	300
Assistant Navy Store Officers*	150
Section Leaders*	50

\* Actual positions as notified in NOL 2/4/162 of 1 December 1966 to FOICEA.

#### b. Other Authorities, East Australia Area

Superintendent, Aircraft Maintenance and Repair	400
General Manager HMA Naval Dockyard, Garden Island	400
Superintendent, RAN Torpedo Establishment	100
Commanding Officer, HMAS ALBATROSS	50

#### Victoria Area

Delegation \$	
General Manager, HMA Naval Dockyard, Williamstown	400
Naval Store Officer, Naval Store Depot, Williamstown	400
Assistant Naval Store Officer, Naval Store Depot, Williamstown (2 positions—GS and Supply)	150
Stock Controller (Section Leader) Naval Store Depot, Williamstown	50
Commodore Superintendent of Training, HMAS CERBERUS	200
Naval Officer-in-Charge, Victoria	200
Victualling Store Officer, Port Melbourne	50
Officer-in-Charge, RAN Armament and Weapon Equipment Depot, Maribyrnong	50

	<i>Delegation</i>
	\$
<b>West Australia Area</b>	
Naval Officer-in-Charge, West Australia Area .. .. .	200
Victualling Liaison Officer, Fremantle .. .. .	100
Officer-in-Charge, Naval Store Section, Fremantle .. .. .	100
Officer-in-Charge, RAN Armament and Weapon Equipment Depot, Byford .. .. .	50
	<i>Delegation</i>
	\$
<b>Other Areas</b>	
Naval Officer-in-Charge, New Guinea .. .. .	200
Naval Officer-in-Charge, North Australia Area .. .. .	200
Naval Officer-in-Charge, Queensland .. .. .	200
Naval Officer-in-Charge, South Australia .. .. .	200
Naval Officer-in-Charge, Tasmania .. .. .	200

2. Instructions to delegates of the Contract Board with respect to arrangements for purchases of supplies and the performance of services are contained in the Department of Supply Local Purchase Handbook. Unless otherwise approved, these instructions are to be strictly observed.

3. The attention of delegates is also drawn to the provisions of Treasury Regulation 51 as amplified by Treasury Directions Section 31, regarding quotations to be obtained, and other conditions to be observed.

4. Treasury Regulation 53 (Treasury Direction 31/33) requires a summary of the provisions of a contract for supplies, the cost of which exceeds \$400, to be published in the gazette as soon as practicable after the contract is made. Arrangements made with Department of Supply, provide for that Department to undertake gazettal of local purchase order details on behalf of Navy delegates who held authorities of one thousand dollars, provided:

- a. that monthly returns submitted by delegates concerned are lodged by the 15 of the following month; and
- b. that orders over \$400 in value are included on a separate sheet or sheets and are shown in triplicate.

For this purpose details of orders approved by delegates concerned in Melbourne and Sydney are to be included in monthly returns forwarded to the District Contract Board, Melbourne, and Sydney, respectively.

5. Navy Order 453 of 1966 is hereby cancelled.

(Navy Order 453 of 1966)

(DNA 2/4/48)

## UNCLASSIFIED

### 240—Machinery and Spares—Transfer of Pricing Function

1. Pricing records for machinery and spares have been transferred from the Area Finance Officer to the Superintending Machinery and Spares Officer.

2. Details of values referred to in ABR 4, Article 1604 (2) (d) (ii) should be obtained from SMSO in future.

3. ABR 4, Article 1604, will be amended.

(DSAP 400/51/116)

## RESTRICTED

### 241—NBCD—Breathing Apparatus, Pattern 5665—Modification to Prevent Mask Tube Restriction

(DCI (RN) 101/1968)

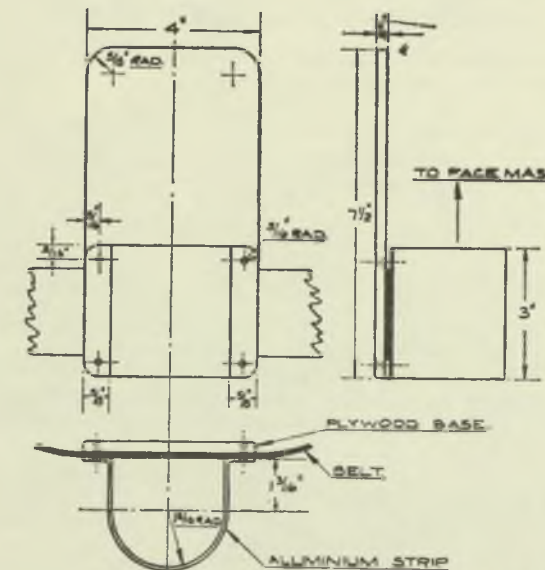
1. Experience with the Pattern No 5665 Breathing Apparatus has shown that the main air supply hose can twist the non-return valve casing sufficiently to cause acute pinching of the mask flexible breathing tube adjacent to the valve casing, thus completely shutting off the wearers air supply.

2. To ensure that the mask tube remains unrestricted, a modified method of securing the non-return valve casing to the harness waist belt is to be incorporated. This comprises a plywood base to which the waist belt and valve casing are secured by a flanged strap. Details of the items required to effect this modification are shown in the Annex to this order.

3. In assembling the modified securing arrangements, it is essential that the plywood base extends above the waist belt.

4. All holders of Pattern No 5665 Breathing Apparatus are to arrange for the modification to be carried out at the earliest possible opportunity.

#### ANNEX



#### MATERIALS

1 IN NI-7/8 x 4 x 1/8 PLYWOOD.  
1 IN NI-7/8 x 3 x 1/8 ALUMINUM.  
4 IN NI-BA. NUTS & BOLTS.  
4 IN NI-WASHERS FOR 48 A. BOLTS  
TO PLACE BETWEEN HEAD  
OF BOLT AND BACK OF  
PLYWOOD.

NOTE—ALL CORNERS TO BE WELL ROUNDED  
AND EDGES CHAMFERED  
LENGTH OF PLYWOOD MUST NOT  
BE LESS THAN 7 1/2"

#### PATT. 5665 BREATHING APPARATUS.

#### MODIFICATION TO HARNESS

DRG No. D.G. SHIPS / XEIX / 129 / 2005.

(DTWP 400/201/348)

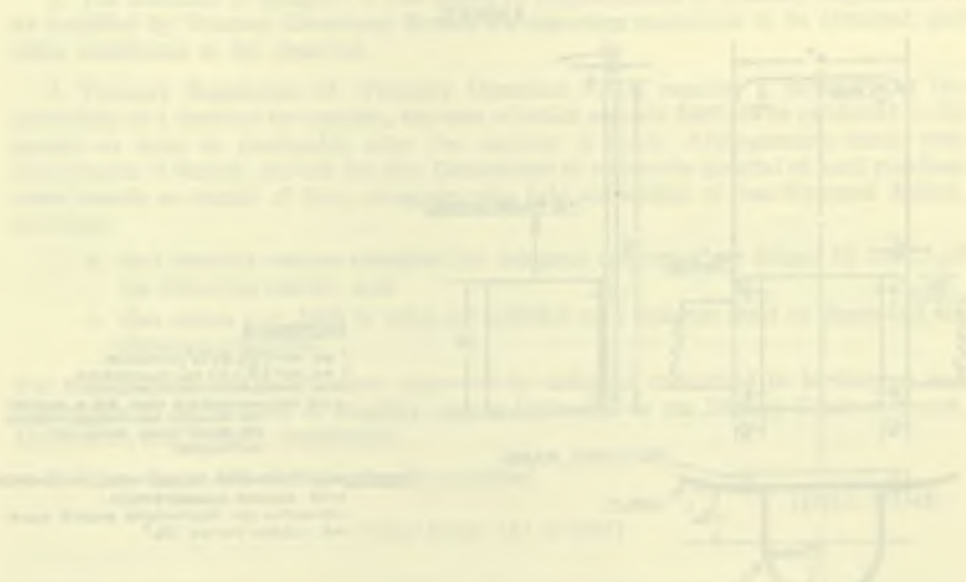
RESTRICTED

1. The purpose of this report is to provide a detailed description of the experimental work performed during the course of the investigation. The results of the work are presented in the following sections.

2. The experimental work was carried out in the laboratory of the Department of Physics, University of Toronto, during the period from 1945 to 1947. The work was carried out under the supervision of Professor J. A. Bevan.

3. The experimental work was carried out in the laboratory of the Department of Physics, University of Toronto, during the period from 1945 to 1947. The work was carried out under the supervision of Professor J. A. Bevan.

4. The experimental work was carried out in the laboratory of the Department of Physics, University of Toronto, during the period from 1945 to 1947. The work was carried out under the supervision of Professor J. A. Bevan.



5. The experimental work was carried out in the laboratory of the Department of Physics, University of Toronto, during the period from 1945 to 1947. The work was carried out under the supervision of Professor J. A. Bevan.

6. The experimental work was carried out in the laboratory of the Department of Physics, University of Toronto, during the period from 1945 to 1947. The work was carried out under the supervision of Professor J. A. Bevan.

7. The experimental work was carried out in the laboratory of the Department of Physics, University of Toronto, during the period from 1945 to 1947. The work was carried out under the supervision of Professor J. A. Bevan.



RESTRICTED

ANO's 242-256/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
30 May 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY

RESTRICTED

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244	Scale of Fees for Dental Treatment by Civilian Dentists.
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256	Form PM 132—Final Medical Survey Report—Introduction Documentation for Medical Survey Reports.

## Section 1

### ADMINISTRATIVE AND GENERAL

UNCLASSIFIED

#### 242—Commissioning

The following commissionings have been effected:

HMAS LAE	.. .. .	3 April 1968
HMAS ACUTE	.. .. .	19 April 1968

(AS(NS) 1211/251/200)

## Section 2

### PERSONNEL

RESTRICTED

#### 243—Recommendations for Submarine Command

1. Reports are to be rendered on the following officers:
  - a. All EXSM officers of and above five years seniority as Lieutenant;
  - b. All submarine First Lieutenants not included in a.;
  - c. Any EXSM officers of over four years seniority as Lieutenant who are not covered by a. or b. but who are regarded as either:
    - (1) likely to be capable of early command; or
    - (2) unlikely ever to be recommended for command; and
  - d. RN (X) (SM) officers as required by SGM 906.
2. Reports are to be rendered on 1 March, 1 July and 1 November annually and are to be forwarded as follows:
  - a. *By Submarines in UK Waters*  
The reports, in duplicate, are to be forwarded to the Flag Officer Submarines through the Squadron Commander concerned. FOSM will forward one copy to ANRUK for onward transmission to the Navy Office.
  - b. *By all Other Submarines*  
The reports, in duplicate, are to be forwarded to the Squadron Commander who, after adding his comments, is to forward one copy to FOCAF and the other to the Navy Office. The latter is to be addressed to Secretary of the Navy (for Director of Officers Appointments). Navy Office will forward copies of reports to FOSM when appropriate.
3. The format to be used for these reports is shown in the Annex to this order. The category recommended is to be inserted in the 'box' at the top of the form and is to be chosen from the following:
  - X1—Officer has sufficient experience for command now and is considered likely to make an exceptional Captain of a submarine.
  - X2—Officer has sufficient experience for command now and is likely to make an average Captain of a submarine.

X3—Officer has sufficient experience for command now and is recommended for COQC but is likely to require close supervision during his first command.

Y1—Officer has insufficient experience for command at this stage but has marked ability and shows promise of developing into an exceptional Captain of a submarine.

Y2—Officer has insufficient experience for command at this stage but should make a satisfactory Captain of a submarine in due course.

Y3—Officer has not yet demonstrated that he has the necessary qualities to make a satisfactory Captain of a submarine.

Z—The reporting officer has insufficient knowledge of the officer to make any recommendation.

#### General Instructions for the Reporting Officer

4. The spirit of the instructions for the compilation of Form AS 206 should be followed in making recommendations for submarine command. The greatest care is required when assessing the general qualities of candidates for command and, in particular, every suitable opportunity should be taken to judge the officers aptitude for handling a submarine submerged.

#### Officers Not Recommended for Command

5. A special report on Form AS 206 is to be rendered on the due dates in Paragraph 2 above. It is likely that such officers will be reverted to General Service at the earliest convenient opportunity.

#### Navigation Section of the Ship Command Examination

6. The report is to indicate in the space provided whether the officer has passed Parts 1 to 4 of the Navigation section of the Ship Command Examination. In the case of officers of over seven years seniority as Lieutenant who have not so qualified the reasons are to be stated.

#### Selection for COQC

7. Officers will take their place on the RN Submarine Command Roster in accordance with the rules laid down by the Flag Officer Submarines. Their selection for the COQC will depend, however, upon RAN requirements and will be decided by Navy Office in consultation with FOSM.

#### ANNEX

#### STAFF-IN-CONFIDENCE

(When Completed)

HMAS.....

Date.....

#### Recommendation for Submarine Command

NAME:	AGE:
RANK:	SENIORITY:
RECOMMENDATION:	PARTS OF NAVIGATION SECTION OF SHIP COMMAND EXAM PASSED:

#### Ability and Experience in Simple Attacks

Number of attacks carried out at sea:

Number of attacks carried out in Attack Trainer:

Remarks (including periscope eye):

#### Remarks on Ship Handling on the Surface:

#### Remarks on Ship Handling Submerged:

#### Remarks on Command Qualities:

- Has he demonstrated a sound knowledge of Submarine Principles?
- Has he demonstrated an ability to command?
- Has he demonstrated a sound knowledge of Submarine Operations?
- Remarks on:
  - Integrity, Leadership, Moral and Physical Courage:
  - Mental and Physical Stamina:
  - Cheerfulness and Bearing:

#### General Opinion of Officer as Potential Submarine Captain:

Captain

#### Remarks of Squadron Commander:

Commander (SM)

(DOA 312/203/119)

#### UNCLASSIFIED

#### 244—Scale of Fees for Dental Treatment by Civilian Dentists

Navy Order 19 of 1968 is to be amended as follows:

#### a. Paragraph 2:

(1) *amend* Line 3 to read:

'members for.....the treatment was for urgent relief of.....'.

(2) *add* the following new sentence:

'In the latter case costs will be accepted only in very exceptional circumstances and subject to Navy Office approval.'

#### b. Paragraph 4 q.:

*add* the following sub-sub-paragraph:

'(5) Mileage and Travelling Allowance.

- A dental practitioner who uses his own vehicle to attend dental examinations will be paid a mileage allowance of 25 cents for each half mile or part thereof beyond a three mile radius from the practitioners surgery or residence (one way only).
- A dental practitioner who does not use his own vehicle but is provided with departmental transport will be entitled to payment of an allowance of \$1.05 per half hour in respect of travelling time to and from the place where the service is performed.'

(MGD 327/61/26)

(Navy Order 19 of 1968)

## RESTRICTED

**245—Seaman Officers—Suitability for Employment as Submarine First Lieutenant**

1. Forms AS 206 for submarine EXSM officers of Lieutenants rank who have not yet been posted as First Lieutenant of a submarine are to include, in Section V, remarks on their suitability for such a posting.

2. An early indication is required if officers who are not so recommended are to have the opportunity to sub-specialise in General Service.

(DOA 312/203/119)

## UNCLASSIFIED

**246—Training and Promotion of Junior Officers (General List)**

Navy Order 323 of 1966 is to be amended as follows:

**Part 7—Midshipmen—Syllabuses of Fleet Training:**

a. *delete* existing Section 3 and *insert* the following in lieu:

**'Section 3—Ships Organisation**

*Note*—Some instruction in those items starred (\*) has already been given at the RANC.

1. A general knowledge of:

**\* (a) Basic Organisation:**

Organisation by departments and within departments  
Watches—watch organisation  
Watch system  
Organisation for work and allocation  
Divisions

**\* (b) On Commissioning a Ship:**

Scheme of complement  
Quarters Bill including degrees of readiness  
Watch and Station Bill

**\* (c) Special Dutymen and Special Parties (Excused List):**

Messengers  
Messmen  
Sweepers  
Boatswains party  
Gunners party  
Dining hall party  
Laundry party  
Shipwrights party  
Side party

**\* (d) Special Parties for Occasional Duties:**

Special sea dutymen  
Cable party  
Patrols  
Guard  
Diving team

**\* (e) Petty Officers Special Duties:**

Duty Petty Officer  
Petty Officer of the day  
Duty regulating Petty Officer

**(f) Watch Duties in Harbour:**

Fire party  
Damage Control party  
Night boats crew and lowerers  
Emergency party  
Anchor watch

**(g) Watchkeepers:**

Navigation party (including gangway staff)  
Boat crews

**(h) Watch on Deck Duties at Sea:**

Seaboat crews and lowerers  
Swimmer of the watch  
Lookouts  
Bridge messenger  
Seaman gunner of the watch  
Helmsman and telegraphsmen

**(j) Evolutions:**

Ammunitioning ship  
Dress ship  
Landing party  
Boarding party  
Prepare for sea  
Replenishment at sea  
Darken and undarken ship  
Entering and leaving harbour  
Emergency stations  
Leaving ship stations

**\* (k) Orders:**

Ships and departmental standing orders  
Captains standing orders  
War orders  
Routine daily orders  
Temporary memorandums

**\* (l) Planned Maintenance:**

Organisation by departments

**\* (m) NBCD:**

Ships NBCD organisation  
Departmental responsibilities

2. The examination on this subject carries a total of 50 marks.'

b. *delete* existing Section 4 and *insert* the following in lieu:

**Section 4—Divisional Officers Duties**

*Note*—Some instruction in those items starred (\*) has already been given at the RANC.

\*1. A thorough knowledge of:

- (a) Sailors service documents—to include AS 459, AS 239, History Sheet, AS 264, AS 241, AS 442, AS 507A, Will, and AS 3139.
- (b) The divisional organisation showing the relationship between the Divisional Officer, senior and junior sailors in the division.
- (c) The general rules and requirements governing promotion and training with particular emphasis on their branch.
- (d) Summary punishments with particular reference to their effects on a sailors career.
- (e) The general rules governing posting, compassionate leave, free discharge and stating of complaints.

2. Midshipmen should be detailed as assistant Divisional Officers to a division to gain an appreciation of the general overall responsibilities of the Divisional Officer with regard to:

Morale  
Discipline  
Dress and kit  
Training  
Efficiency  
Sport  
Ships Welfare Fund  
Relief Trust Fund  
Leave and travel organisation  
Welfare  
(Assistance at trials and with complaints, requests, etc)

3. Midshipmen should attend requestmen and defaulters and be aware of the after action required in the Captains office.

4. Midshipmen should read the relevant CBs on discipline, and physical and personnel security.

5. The examination on this subject carries a total of 75 marks.'

(DOA 312/203/181)

(Navy Order 323 of 1966)

**Section 4**

**EQUIPMENT, STORES AND SERVICING**

UNCLASSIFIED

**247—Diving Suits, Wet Type—Issue to Qualified Clearance Divers**

1. Consideration has been given to the question of supply and of accounting for wet suits for diving purposes.

2. On the one hand, it is highly desirable for wet suits to be allocated on an individual basis. On the other hand, it is not considered practicable to make personal loan issues of these items to divers as it is not considered reasonable to make a person responsible for an item issued to him on a personal loan basis if it is to be kept, when not in use, in a storeroom over which he has no control.

3. It has been decided that diving wet suits and associated items are to continue to be held on permanent loan by the responsible officer, but, as far as practicable, a set of diving wet suits, fins, face mask and snorkel is to be allocated for the use of each qualified diver.

4. The suit and its use is described in the RAN Diving Manual, ABR 155, Article 1102. The range of sizes and catalogue numbers of the various items comprising the wet suit and associated items are as follows:

Group Class	Catalogue No	Description
0433	L90108	Boot, extra large, T3
0433	L90110	Boot, large, T2
0433	L90112	Boot, medium, T1
0433	L90114	Hood, large
0433	L90116	Hood, small
0433	L90118	Pants, extra large, T3
0433	L90120	Pants, large, T2
0433	L90122	Pants, medium, T1
0433	L90124	Shirt, extra large T3
0433	L90126	Shirt, large T2
0433	L90128	Shirt, medium T1
0433	L90945	Fin, blue black
0433	L90946	Mask, diving, blue black
0434	9576	Tube, snorkel

5. Allowances to ships and establishments are to be adjusted to the basis of one each of the following for each qualified diver:

Wet suit pants  
Wet suit shirt  
Wet suit boots (pair)  
Wet suit hood  
Fins (pair)  
Face mask  
Snorkel tube

6. Where practicable the articles are to be marked with the name and/or personal number of the diver to whom they are allotted. Markings are to be effected in accordance with Navy Order 469 of 1967.

7. When a clearance diver is posted to another ship or establishment, the diving gear allocated for his use is, whenever practicable, to be transferred to the other ship or establishment (with the diver) in accordance with the procedure laid down in ABR 4, Chapter 13.

8. Whenever a diver ceases to hold the qualification of clearance diver for any reason, or if he leaves the service, the diving gear allocated for his use is to be returned to the appropriate SSO unless required for early re-allocation to another qualified diver.

9. The procedures detailed in this Navy Order do not apply in HMAS RUSH-CUTTER where diving equipment is issued in accordance with ABR 4, Article 1211.

10. ABR 4, Chapter 12, will be amended.

(DSAP 512/74/327)

(Navy Order 469 of 1967)

## UNCLASSIFIED

**248—Furniture of Metal Construction in HMA Ships—Policy**

1. It has been decided that the fire risk involved in fitting wooden furniture in HMA ships is not acceptable. Although present methods of 'fire proofing' increase the ignition temperature of wood, thus delaying the onset of fire, there is no known method of making wood fully fireproof.

2. In fighting ships of the future, furniture is to be of all metal construction and items of furniture such as upholstered chairs, etc, are to have metal frames.

3. Exceptions to the policy will be:

- a. wooden hulled vessels;
- b. Minesweepers where the use of metal furniture would degrade the non-magnetic qualities of the ship as a whole;
- c. Support craft; or
- d. non-combatant ship.

4. It is not intended to replace wooden furniture in existing ships at present.

(ACDC 400/202/522)

## UNCLASSIFIED

**249—Machinery—Weir's Steam Turbine Driven Auxiliaries—Modified Single Bolt Overspeed Trip Mechanism**

(DCI (RN) 374/1967)

1. A fluted trip bolt assembly has been developed for the undermentioned steam turbine driven auxiliaries which incorporate Weir single bolt overspeed trip mechanisms:

- a. *Type 12 Destroyer Escorts*: main feed pump and main extraction pumps;
- b. *Daring Class Destroyers*: main extraction pumps, forced lubricating pumps, fire and bilge pumps, and distiller pumps; and
- c. *Battle Class Destroyers*: main extraction pumps.

2. The fluted trip bolt assembly incorporates corrosion resistant materials, and the flutes in the bolt reduce the tendency to sticking by reducing the area of contact.

3. The fluted trip bolt assemblies are to be fitted and set to the correct tripping speed as soon as possible after receipt. Subsequently the turbine rotating assemblies are to be dynamically balanced at the first convenient opportunity, to reduce any underwater noise caused by the introduction of this modification. An item is to be inserted in ships defect list for this work to be carried out by HMA dockyards.

4. The periods laid down in the relevant machinery maintenance schedule for conducting overspeed trip tests are unaffected by the introduction of the fluted trip bolt assembly.

5. Issue without demand of the replacement trip bolt modification kits will be effected by SMSO, Sydney.

6. BR 3001 will be amended to include general instructions on fitting fluted trip bolt assemblies.

7. Navy Order 671 of 1965 is hereby cancelled.

(ACDC 400/2/166)

(Navy Order 671 of 1965)

## UNCLASSIFIED

**250—Medical and Dental Stores—Procurement from Other than AMF Sources**

1. Current instructions as promulgated in ABR 4, Chapter 34, provide that stocks of medical and dental stores are to be replenished from Army Base Medical and Store Depots (BMEDS).

2. It has been decided that henceforth HMA ships operating overseas or in remote areas on the Australia Station may procure medical and dental stores from other sources providing the circumstances render the procurement imperative and preclude supply from one of the following:

- a. from an Australian Army BMED;
- b. from another HMA ship or RAN establishment; or
- c. from a nearby Australian Army or RAAF unit.

3. Expenditure for such purchases of medical and dental stores is to be charged to Division 668-0-15.

4. Normal procedure for accounting for such items, depending on source of supply, as laid down in ABR 4, Chapters 6, 13 or 28 is to apply.

5. ABR 4 will be amended.

DSAP 1605/201/35)

## UNCLASSIFIED

**251—Stores (General)—ABR 5074 RAN Catalogue of Stores—Group Classes 0231, 0245, 0254, 0262, 0263, 0264, 0265, 0271, 0273, 0274, 0276, 0277, 0431, 0432, 0433, 0434, 0451, 0461—Reclassification of Accounting Status**

1. As a result of action taken in respect of Paragraph 5 of Navy Order 279 of 1967, the accounting classification of various stores, as shown in ABR 5074, is to be amended as detailed in the Annexes to this order.

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual), Article 1812.

3. Change Sheets, detailing change action to be effected in the respective sections of ABR 5074, already distributed, will be issued in due course.

## ANNEX A

Permanent Items to be Reclassified as Consumable  
(‘P’ to ‘C’)

Group Class	Catalogue No	Index No (ABR 5074)
0245	7908	10100
0262	378	6900
0262	462	7900
0262	6899	22100
0262	6996	7800
0263	1420	1900
0263	1421	1800
0263	1424	2100
0263	1425	2000
0263	1909	6900
0263	1912	31600
0263	1914	31800
0263	5097	38300
0263	6969	15800
0263	7805	5500
0263	8722	5600
0263	8816	5700
0264	7891	4300
0264	7897	4800
0264	7898	4700
0265	14387	9100
0265	14388	9300
0265	76-L1	8500
0265	7880	9400
0271	910-1463	27100
0271	910-1473	67700
0271	910-1474	67200
0271	910-1475	67500
0273	2802	51700
0273	2812	51800
0273	7579	34300
0273	910-4036	800
0273	910-4067-L1	4700
0273	910-4276	34700
0273	910-4277	34600
0273	910-4346	5600
0273	910-4352	7400
0273	910-4400	32100
0273	910-4402	31900
0273	910-4404	32000
0273	910-4410	32500
0273	910-4411	32800
0273	910-4459	18000
0273	910-4459-L1	18100
0273	910-4461	18200
0273	910-4462	18300
0273	910-4462-L1	18400

## ANNEX A—continued

Group Class	Catalogue No	Index No (ABR 5074)
0273	910-4463	17700
0273	910-4464	18500
0273	910-4465	18600
0273	910-4465-L1	18700
0273	910-4467	18800
0273	910-4468-L1	18900
0273	910-4471	17800
0273	910-4476	39000
0273	910-4480	29100
0273	910-4481	29200
0273	910-4481-L1	29300
0273	910-4483	29400
0273	910-4537	28900
0273	910-4544	31400
0273	910-4545	31500
0274	L60982	14700
0274	910-4639	25100
0274	910-4640	25200
0276	2770	45400
0276	910-5780-L1	900
0431	110	3800
0431	111	600
0431	112	1600
0432	2305	3600
0433	3382	3600
0434	1477	13700
0451	3509	10000
0451	3524	15200
0451	50	15300
0451	8662	15100
0461	3718	16000
0461	3721	16400
0461	3724	15000

## ANNEX B

Consumable Items to be Reclassified as Permanent  
(‘C’ to ‘P’)

Group Class	Catalogue No	Index No (ABR 5074)
0254	L50401	3300
0254	L50410	3400
0254	L50411	3500
0254	L50412	3600
0254	L50415	3700
0254	L50417	4200
0254	L50422	4400
0254	L50423	4000

## ANNEX B—continued

Group Class	Catalogue No	Index No (ABR 5074)
0254	L50424	4300
0254	L50425	4500
0254	L50426	4600
0254	L50428	4900
0254	L50432	4700
0254	L50436	4800
0254	L50437	5300
0254	L50448	5400
0254	L50461	4100
0254	L50480	3800
0254	L50482	5000
0254	L50483	5500
0254	L50484	1000
0254	L50485	5100
0254	L50487	1500
0254	L50488	5200
0254	L50491	1800
0254	L50502	3900
0254	L50520	1900
0254	L50540	5800
0254	L50541	5900
0254	L50550	7500
0254	L50551	7600
0254	L50552	7700
0254	L50562	16800
0254	L50563	16700
0254	L50564	17000
0254	L50565	16900
0254	L50566	17300
0254	L50567	17200
0254	L50591	17100
0254	L50635	3100
0254	L50655	5700
0254	L50661	6600
0254	10382	15800
0254	1502	1700
0254	1505	1100
0254	1512	800
0254	1513	1300
0254	1515	700
0254	1516	1200
0254	1518	900
0254	15181	600
0254	1519	1400
0254	1520-L1	6500
0254	1521-L1	6900
0254	1521-L2	7000
0254	1525	17700
0254	1532	2900
0254	1533	2600

## ANNEX B—continued

Group Class	Catalogue No	Index No (ABR 5074)
0254	1534	2500
0254	1535	3000
0254	1536	2700
0254	1538	2200
0254	1539	2100
0254	1540	2800
0254	1541	2400
0254	1542	2300
0254	1544	1600
0254	15471	16200
0254	15472	16300
0254	15481	16400
0254	15482	16500
0254	4040	15000
0254	4041	14900
0254	4042	15200
0254	4043	15100
0254	4060	15400
0254	4061	15500
0254	4062	15600
0254	4063	15700
0254	4272	14000
0254	657	14300
0254	658	14200
0254	659	14500
0254	660	14400
0254	661	14700
0254	662	14600
0254	666	200
0254	667	300
0263	16951-L1	4400
0263	16954-L1	4600
0276	910-6637	66000
0277	910-6328	3700
0277	910-6329	3800
0277	910-6330	4000
0277	910-6330-L1	3900
0277	910-6331	4100



## ANNEX C

## Permanent Items to be Reclassified as Portable Fittings

('P' to 'F')

Group Class	Catalogue No	Index No (ABR 5074)
0231	10	9900
0231	11	9600
0231	8775	9500
0231	9185	9700
0264	6896	11700
0264	8129	11200

(DSAP 465/52/1292)

UNCLASSIFIED

252—Will Not Be Issued

UNCLASSIFIED

## 253—Stores (General) (Group Class 5960)—Electron Tubes and Associated Hardware—Change of Stock Numbers

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5960	00-015-3639	Socket, transistor .. ..	5961	00-015-3639
5960	00-015-3640	Socket, transistor .. ..	5961	00-015-3640
5960	00-027-2023	Semi-conductor device .. ..	5961	00-027-2023
5960	00-056-0860	Heat sink, electrical .. ..	5961	00-056-0860
5960	00-056-2701	Transistor .. ..	5961	00-056-2701
5960	00-060-1641	Transistor .. ..	5961	00-060-1641
5960	00-060-1759	Semi-conductor device .. ..	5961	00-060-1759
5960	00-067-8121	Transistor .. ..	5961	00-067-8121
5960	00-069-0357	Semi-conductor device .. ..	5961	00-069-0357
5960	00-086-1745	Relay, armature .. ..	5945	00-086-1745
5960	00-086-9016	Semi-conductor device .. ..	5961	00-086-9016
5960	00-086-9017	Semi-conductor device .. ..	5961	00-086-9017
5960	00-086-9018	Semi-conductor device .. ..	5961	00-086-9018
5960	00-086-9131	Holder, semi-conductor .. ..	5961	00-086-9131
5960	00-087-0183	Pin, shoulder .. ..	5315	00-087-0183
5960	00-087-5801	Transistor .. ..	5961	00-087-5801
5960	00-100-5890	Electron tube .. ..	5960	00-548-8785
5960	00-194-9409	Semi-conductor device .. ..	5961	00-194-9409
5960	00-228-5358	Electron tube .. ..	5960	00-262-0210
5960	00-248-3089	Electron tube .. ..	5960	00-669-6861
5960	00-262-0015	Shield .. ..	5960	00-262-0210
5960	00-262-0150	Electron tube .. ..	5960	00-543-0219

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5960	00-262-0173	Electron tube .. ..	5960	00-577-3078
5960	00-262-0185	Electron tube .. ..	5960	00-879-5078
5960	00-265-0573	Electron tube .. ..	5960	00-284-4352
5960	00-272-9092	Shield, electro .. ..	5960	00-729-8150
5960	00-272-9094	Shield .. ..	5960	00-686-8085
5960	00-284-4352	Shield .. ..	5960	00-752-5857
5960	00-285-6516	Plug, expansion .. ..	5340	00-285-6516
5960	00-295-7652	Shield, electron tube .. ..	5960	00-729-8150
5960	00-296-4967	Semi-conductor device .. ..	5961	00-296-4967
5960	00-296-9975	Retainer, electron tube .. ..	5960	00-270-8166
5960	00-444-9135	Semi-conductor device .. ..	5961	00-444-9135
5960	00-474-6115	Transistor .. ..	5961	00-474-6115
5960	00-501-3532	Shield, electron tube .. ..	5960	00-027-4353
5960	00-501-4742	Shield, electron tube .. ..	5960	00-752-5857
5960	00-526-1211	Shim .. ..	5340	00-526-1211
5960	00-538-1278	Electron tube .. ..	5960	00-296-0361
5960	00-542-7036	Semi-conductor device .. ..	5961	00-542-7036
5960	00-542-7236	Shield .. ..	5960	00-686-8119
5960	00-543-1880	Transistor .. ..	5961	00-543-1880
5960	00-552-0225	Semi-conductor device .. ..	5961	00-553-0225
5960	00-552-9852	Semi-conductor device .. ..	5961	00-552-9852
5960	00-556-0940	Semi-conductor device .. ..	5961	00-556-0940
5960	00-556-1018	Transistor .. ..	5961	00-556-1018
5960	00-556-9001	Transistor .. ..	5961	00-556-9001
5960	00-557-6430	Semi-conductor device, diode .. ..	5961	00-557-6430
5960	00-572-2215	Heat sink, electrical .. ..	5961	00-572-2215
5960	00-577-3075	Semi-conductor device, diode .. ..	5961	00-577-3075
5960	00-577-5532	Screw, cap, hex .. ..	5305	00-577-5532
5960	00-577-6214	Semi-conductor device .. ..	5961	00-577-6214
5960	00-578-1527	Semi-conductor device, diode .. ..	5961	00-755-2811
5960	00-578-5257	Shield, electron tube .. ..	5960	00-729-8150
5960	00-578-5626	Semi-conductor device .. ..	5961	00-578-5626
5960	00-578-5636	Transformer, audio .. ..	5950	00-578-5636
5960	00-578-8010	Semi-conductor device .. ..	5961	00-578-8010
5960	00-581-9018	Shield .. ..	5960	00-686-8085
5960	00-581-9953	Electron tube .. ..	5960	00-686-2480
5960	00-583-4410	Transistor .. ..	5961	00-583-4410
5960	00-601-0994	Duple band .. ..	4920	00-601-0994
5960	00-601-0995	Screw .. ..	5305	00-601-0995
5960	00-601-0996	Screw .. ..	5305	00-601-0996
5960	00-601-0997	Wiper assembly .. ..	6680	00-601-0997
5960	00-609-5414	Semi-conductor device .. ..	5961	00-609-5414
5960	00-614-7705	Holder .. ..	5961	00-614-7705
5960	00-615-4307	Transistor .. ..	5961	00-615-4307
5960	00-615-5231	Electron tube .. ..	5960	00-834-8662
5960	00-617-8864	Semi-conductor device .. ..	5961	00-617-8864
5960	00-620-3568	Semi-conductor device .. ..	5961	00-620-3568
5960	00-624-4143	Semi-conductor device .. ..	5961	00-624-4143
5960	00-625-0243	Sling, aircraft, main .. ..	1730	00-625-0243
5960	00-627-8243	Electron tube .. ..	5960	00-686-8087

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5960	00-633-0482	Electron tube .. ..	5960	00-560-7147
5960	00-633-1147	Holder .. ..	5961	00-633-1147
5960	00-646-4611	Semi-conductor device .. ..	5961	00-646-4611
5960	00-647-1081	Semi-conductor device .. ..	5961	00-647-1081
5960	00-647-6690	Transformer cover .. ..	5950	00-647-6690
5960	00-665-0380	Semi-conductor device .. ..	5961	00-665-0380
5960	00-665-5292	Transistor .. ..	5961	00-665-5292
5960	00-669-8808	Electron tube .. ..	5960	00-295-7652
5960	00-678-1466	Semi-conductor device .. ..	5961	00-678-1466
5960	00-679-2158	Semi-conductor device .. ..	5961	00-679-2158
5960	00-680-9745	Transistor .. ..	5961	00-680-9745
5960	00-681-9523	Electron tube .. ..	5960	00-985-9059
5960	00-681-9529	Semi-conductor device .. ..	5961	00-681-9529
5960	00-681-9782	Electron tube .. ..	5960	00-686-8087
5960	00-681-9862	Transistor .. ..	5961	00-681-9862
5960	00-686-6087	Relay, armature .. ..	5945	00-686-6087
5960	00-686-7500	Shield .. ..	5960	00-752-5857
5960	00-686-8110	Relay, armature .. ..	5945	00-686-8110
5960	00-686-8388	Semi-conductor device .. ..	5961	00-686-8388
5960	00-687-0184	Transistor .. ..	5961	00-687-0184
5960	00-688-7266	Transistor .. ..	5961	00-688-7266
5960	00-691-2210	Semi-conductor device .. ..	5961	00-691-2210
5960	00-712-3921	Semi-conductor device .. ..	5961	00-712-3921
5960	00-712-3939	Semi-conductor device .. ..	5961	00-712-3939
5960	00-714-1386	Heat sink transistor .. ..	5961	00-714-1386
5960	00-714-5129	Semi-conductor device .. ..	5961	00-714-5129
5960	00-714-5131	Semi-conductor device .. ..	5961	00-714-5131
5960	00-714-5135	Transistor .. ..	5961	00-714-5135
5960	00-714-6014	Semi-conductor device .. ..	5961	00-714-6014
5960	00-715-1051	Transistor .. ..	5961	00-715-1051
5960	00-716-9426	Heat radiator .. ..	5961	00-716-9426
5960	00-722-2231	Semi-conductor device .. ..	5961	00-722-2231
5960	00-729-1712	Semi-conductor device .. ..	5961	00-729-1712
5960	00-733-2722	Semi-conductor device .. ..	5961	00-733-2722
5960	00-740-0021	Transistor .. ..	5961	00-740-0021
5960	00-752-5242	Transistor .. ..	5961	00-752-5242
5960	00-752-5744	Electron tube .. ..	5960	00-685-9146
5960	00-752-5761	Shield, electron tube .. ..	5960	00-686-8087
5960	00-752-5228	Transistor .. ..	5961	00-752-5228
5960	00-754-9186	Shield, electron tube .. ..	5960	00-686-8087
5960	00-754-9920	Transistor .. ..	5961	00-754-9920
5960	00-761-7759	Semi-conductor .. ..	5961	00-761-7759
5960	00-761-7760	Semi-conductor .. ..	5961	00-761-7760
5960	00-762-0116	Retainer, transistor .. ..	5961	00-762-0116
5960	00-766-3372	Semi-conductor device .. ..	5961	00-766-3372
5960	00-769-1112	Semi-conductor device .. ..	5961	00-769-1112
5960	00-770-8425	Transistor .. ..	5961	00-770-8425
5960	00-772-0628	Rectifier, semi-conductor .. ..	5961	00-772-0628
5960	00-772-0629	Rectifier .. ..	5961	00-772-0629
5960	00-781-5602	Transistor .. ..	5961	00-781-5602

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5960	00-783-5259	Transistor .. ..	5961	00-783-5259
5960	00-786-5457	Holder, semi-conductor .. ..	5961	00-786-5457
5960	00-789-5393	Semi-conductor device .. ..	5961	00-789-5393
5960	00-789-8184	Retainer, transistor .. ..	5961	00-789-8184
5960	00-793-4340	Semi-conductor device .. ..	5961	00-793-4340
5960	00-794-4183	Semi-conductor device .. ..	5961	00-794-4183
5960	00-795-5042	Semi-conductor device .. ..	5961	00-795-5042
5960	00-795-5570	Holder, semi-conductor .. ..	5961	00-795-5570
5960	00-797-9833	Semi-conductor device .. ..	5961	00-799-9833
5960	00-804-6015	Transistor .. ..	5961	00-804-6015
5960	00-804-7544	Transistor .. ..	5961	00-804-7544
5960	00-807-2633	Semi-conductor device .. ..	5961	00-807-2633
5960	00-807-5974	Antenna .. ..	5820	00-807-5974
5960	00-807-7885	Transistor .. ..	5961	00-807-7885
5960	00-808-7187	Semi-conductor device .. ..	5961	00-808-7187
5960	00-809-1898	Semi-conductor device .. ..	5961	00-809-1898
5960	00-812-9996	Semi-conductor device .. ..	5961	00-812-9996
5960	00-813-1692	Semi-conductor device .. ..	5961	00-813-1692
5960	00-815-9653	Transistor .. ..	5961	00-815-9653
5960	00-819-1611	Transistor .. ..	5961	00-819-1611
5960	00-821-3457	Heat sink, semi-conductor .. ..	5961	00-878-5222
5960	00-824-9948	Semi-conductor device .. ..	5961	00-995-2310
5960	00-829-0194	Transistor .. ..	5961	00-829-0194
5960	00-829-0442	Semi-conductor device .. ..	5961	00-829-0442
5960	00-829-7723	Transistor .. ..	5961	00-829-7723
5960	00-833-2017	Semi-conductor device .. ..	5961	00-833-2017
5960	00-833-2249	Transistor .. ..	5961	00-833-2249
5960	00-838-0135	Semi-conductor device .. ..	5961	00-838-0135
5960	00-838-3861	Transistor .. ..	5961	00-838-3861
5960	00-838-4290	Semi-conductor device .. ..	5961	00-838-4290
5960	00-838-5917	Semi-conductor device .. ..	5961	00-838-5917
5960	00-844-5214	Semi-conductor device .. ..	5961	00-844-5214
5960	00-844-9531	Wavemeter .. ..	6625	00-844-9531
5960	00-845-1731	Transistor .. ..	5961	00-845-1731
5960	00-845-3954	Transistor .. ..	5961	00-845-3954
5960	00-846-4301	Resistor, variable .. ..	5905	00-846-4301
5960	00-849-4183	Semi-conductor device .. ..	5961	00-849-4183
5960	00-849-4185	Semi-conductor device .. ..	5961	00-849-4185
5960	00-850-9561	Semi-conductor device .. ..	5961	00-850-9561
5960	00-856-8186	Semi-conductor device .. ..	5961	00-856-8186
5960	00-860-2074	Semi-conductor device .. ..	5961	00-860-2074
5960	00-863-3963	Semi-conductor device .. ..	5961	00-863-3963
5960	00-865-3448	Semi-conductor device .. ..	5961	00-865-3448
5960	00-866-1264	Transistor .. ..	5961	00-866-1264
5960	00-868-5982	Transistor .. ..	5961	00-868-5982
5960	00-868-5991	Semi-conductor device .. ..	5961	00-868-5991
5960	00-868-6122	Semi-conductor device .. ..	5961	00-868-6122
5960	00-874-9313	Semi-conductor device .. ..	5961	00-874-9313
5960	00-880-6514	Transistor .. ..	5961	00-880-6514
5960	00-882-2906	Transistor .. ..	5961	00-882-2906

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5960	00-882-8746	Semi-conductor .. ..	5961	00-882-8746
5960	00-883-9177	Transistor .. ..	5961	00-883-9177
5960	00-884-0227	Semi-conductor device .. ..	5961	00-884-0227
5960	00-885-8812	Screw .. ..	3530	00-885-8812
5960	00-886-1662	Shield, transistor .. ..	5961	00-886-1662
5960	00-886-1686	Retainer, transistor .. ..	5961	00-886-1686
5960	00-887-4733	Transistor pad .. ..	5961	00-887-4733
5960	00-892-3405	Transistor .. ..	5961	00-892-3405
5960	00-893-0293	Transistor .. ..	5961	00-893-0293
5960	00-895-0921	Radiator .. ..	5961	00-895-0921
5960	00-899-6463	Semi-conductor device .. ..	5961	00-899-6463
5960	00-906-2137	Transistor .. ..	5961	00-906-2137
5960	00-910-7129	Transistor .. ..	5961	00-910-7129
5960	00-950-0529	Semi-conductor device .. ..	5961	00-950-0529
5960	00-952-2427	Semi-conductor device .. ..	5960	00-821-2309
5960	00-953-2518	Socket, transistor .. ..	5961	00-953-2518
5960	00-954-4535	Electron tube .. ..	5960	00-764-2107
5960	00-954-9182	Semi-conductor device .. ..	5961	00-954-9182
5960	00-957-0348	Semi-conductor device .. ..	5961	00-957-0348
5960	00-961-1662	Semi-conductor device .. ..	5961	00-961-1662
5960	00-962-2878	Semi-conductor device .. ..	5961	00-962-2878
5960	00-976-9395	Semi-conductor device .. ..	5961	00-976-9395
5960	00-977-5791	Semi-conductor device .. ..	5961	00-977-5791
5960	00-978-2558	Capacitor, voltage .. ..	5961	00-978-2558
5960	00-978-6053	Semi-conductor device .. ..	5961	00-978-6053
5960	00-978-9041	Transistor .. ..	5961	00-978-9041
5960	00-981-0033	Semi-conductor device .. ..	5961	00-981-0033
5960	00-981-1635	Semi-conductor device .. ..	5961	00-981-1635
5960	00-983-8680	Semi-conductor device .. ..	5961	00-983-8680
5960	00-985-3972	Transistor .. ..	5961	00-985-3972
5960	00-985-4101	Transistor .. ..	5961	00-985-4101
5960	00-990-9632	Semi-conductor device .. ..	5961	00-990-9632
5960	00-991-2256	Semi-conductor device .. ..	5961	00-991-2256
5960	00-991-2266	Diode .. ..	5961	00-991-2266
5960	00-991-2267	Diode .. ..	5961	00-991-2267
5960	00-991-2268	Diode .. ..	5961	00-991-2268
5960	00-991-2269	Transistor .. ..	5961	00-991-2269
5960	00-991-2271	Transistor .. ..	5961	00-991-2271
5960	00-991-2272	Transistor .. ..	5961	00-991-2272
5960	00-991-2273	Diode .. ..	5961	00-991-2273
5960	00-991-2274	Diode .. ..	5961	00-991-2274
5960	00-992-9555	Heat sink, electrical .. ..	5961	00-992-9555
5960	00-993-0705	Semi-conductor device .. ..	5961	00-993-0705

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/54/388)

## UNCLASSIFIED

## 254—Stores (General) (Group Class 5961)—Semi-conductor Devices and Associated Hardware—Change of Stock Numbers

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5961	00-056-2506	Semi-conductor device .. ..	5961	00-577-6214
5961	00-058-0731	Resistor, thermal .. ..	5905	00-058-0731
5961	00-058-0732	Resistor, thermal .. ..	5905	00-058-0732
5961	00-058-0737	Resistor, thermal .. ..	5905	00-058-0737
5961	00-059-9451	Resistor, thermal .. ..	5905	00-059-9451
5961	00-060-7587	Semi-conductor .. ..	5961	00-836-6667
5961	00-061-2162	Resistor, thermal .. ..	5905	00-061-2162
5961	00-080-6832	Resistor, thermal .. ..	5905	00-080-6832
5961	00-081-9164	Resistor, thermal .. ..	5905	00-081-9164
5961	00-189-6509	Photo electric cell .. ..	5960	00-538-5638
5961	00-280-0902	Resistor, thermal .. ..	5905	00-280-0902
5961	00-329-6544	Resistor, thermal .. ..	5905	00-329-6544
5961	00-505-7079	Resistor, thermal .. ..	5905	00-505-7079
5961	00-543-0407	Resistor, thermal .. ..	5905	00-543-0407
5961	00-547-5313	Resistor, thermal .. ..	5905	00-547-5313
5961	00-575-5118	Resistor, thermal .. ..	5905	00-575-5118
5961	00-615-0189	Semi-conductor .. ..	5961	00-773-7927
5961	00-660-6930	Resistor, thermal .. ..	5905	00-660-6930
5961	00-666-1845	Resistor, thermal .. ..	5905	00-666-1845
5961	00-677-7230	CONFIDENTIAL .. ..	5905	00-677-7230
5961	00-678-1466	Semi-conductor device .. ..	5961	00-988-0088
5961	00-683-5075	Resistor, thermal .. ..	5905	00-683-5075
5961	00-688-7266	Transistor .. ..	5961	00-542-7308
5961	00-702-7465	Resistor, thermal .. ..	5905	00-702-7465
5961	00-709-2019	Resistor, thermal .. ..	5905	00-709-2019
5961	00-712-3921	Semi-conductor device .. ..	5961	00-810-4565
5961	00-722-4504	Resistor, thermal .. ..	5905	00-722-4504
5961	00-752-5863	Semi-conductor device, diode .. ..	5961	00-855-7224
5961	00-752-5942	Transistor .. ..	5961	00-892-3473
5961	00-752-6404	Resistor, thermal .. ..	5905	00-752-6404
5961	00-754-5800	Semi-conductor device, diode .. ..	5961	00-837-7065
5961	00-769-1036	Semi-conductor device .. ..	5961	00-983-9782
5961	00-769-7623	Resistor, thermal .. ..	5905	00-769-7623
5961	00-778-6429	Resistor, thermal .. ..	5905	00-778-6429
5961	00-792-5533	Resistor, thermal .. ..	5905	00-792-5533
5961	00-805-7872	Semi-conductor .. ..	5961	00-879-3091
5961	00-806-5603	Semi-conductor device .. ..	6961	00-978-7465
5961	00-821-7063	Resistor, thermal .. ..	5905	00-821-7063
5961	00-824-9948	Semi-conductor device, diode .. ..	5961	00-995-2310
5961	00-826-0489	Semi-conductor .. ..	5961	00-846-0436
5961	00-830-2702	Transistor .. ..	5961	00-845-2880
5961	00-830-4439	Resistor, thermal .. ..	5905	00-830-4439
5961	00-831-0343	Semi-conductor .. ..	5961	00-866-0476

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5961	00-834-2965	Resistor, thermal .. ..	5905	00-834-2965
5961	00-834-7645	Resistor, thermal .. ..	5905	00-834-7645
5961	00-836-0737	Resistor, thermal .. ..	5905	00-836-0737
5961	00-836-0738	Resistor, thermal .. ..	5905	00-836-0738
5961	00-846-7339	Transistor .. ..	5961	00-853-1079
5961	00-856-6105	Resistor, thermal .. ..	5905	00-856-6105
5961	00-856-6106	Resistor, thermal .. ..	5905	00-856-6106
5961	00-856-6107	Resistor, thermal .. ..	5905	00-856-6107
5961	00-859-0671	Resistor, thermal .. ..	5905	00-859-0671
5961	00-873-5696	Resistor, thermal .. ..	5905	00-873-5696
5961	00-879-4645	Semi-conductor .. ..	5961	00-892-0889
5961	00-879-7127	Resistor, thermal .. ..	5905	00-879-7127
5961	00-893-0280	Resistor, thermal .. ..	5905	00-893-0280
5961	00-893-0281	Resistor, thermal .. ..	5905	00-893-0281
5961	00-897-8023	Resistor, thermal .. ..	5905	00-897-8023
5961	00-950-0529	Semi-conductor device .. ..	5961	00-729-5499
5961	00-954-3646	Resistor, thermal .. ..	5905	00-954-3646
5961	00-964-8658	Transistor .. ..	5961	00-837-7262
5961	00-977-5791	Semi-conductor .. ..	5961	00-921-3778
5961	00-978-8970	Resistor, thermal .. ..	5905	00-978-8970
5961	00-978-9076	Semi-conductor .. ..	5961	00-978-9076
5961	00-991-0633	Resistor, thermal .. ..	5905	00-991-0633
5961	00-991-2269	Semi-conductor device .. ..	5961	00-068-5167
5961	00-991-2272	Transistor .. ..	5961	00-850-4356
5961	00-995-0004	Semi-conductor .. ..	5961	00-752-6087

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/54/387)

#### UNCLASSIFIED

##### 255—Stores (General)—Preparation of SX Series Forms Containing Hectograph Masters

1. Difficulty is being experienced at store depots in obtaining clear copies from hectograph masters in the new SX Series Stores Demands, Stores Returns and Supply Requirement notes due to the impression on the rear of the hectograph master being blurred and indistinct. In many instances this has necessitated the return of the masters to the ship or preparation of new masters at the store depot, involving considerable avoidable effort.

2. It is to be ensured that the impression on the rear of the master is clear cut and distinct and the instructions hereunder are to be followed:

- the protective flimsy paper is to be removed from the set before any entries are made in the form; and
- when being handwritten the set of forms is to be placed on a metal or plastic sheet. When being typewritten the special backing sheet is to be placed behind the set.

3. When, after following the above instructions, it is found that the impression is still not satisfactory the fault may be due to dirty typeface on the typewriter, and care is therefore to be taken to ensure that the typeface is always left clean. Alternatively the fault may be attributable to the spirit duplicator carbon paper, and if this is proved to be the case, the spirit duplicator carbon paper included in the set of forms is to be discarded and replaced by 7530-66-014-0870 (size 10 in × 8 ¼ in) or 7530-66-010-4950 (size 13¼ in × 8¼ in) Paper, carbon, duplicating machine, spirit process.

4. When the form is completed and signed, the various copies are to be separated one from the other, and a sheet of flimsy paper placed behind the hectograph master to protect the carbon impression. Under no circumstances are the masters to be folded. When dispatch is by post, they are to be sent flat between the special cardboard covers to prevent creasing, tearing and fraying.

(DSAP 464/51/52)

#### Section 5

##### BOOKS, CORRESPONDENCE, FORMS AND STATIONERY

#### UNCLASSIFIED

##### 256—Form PM 132—Final Medical Survey Report—Introduction Documentation for Medical Survey Reports

1. The following form has been introduced:

Form PM 132—Final Medical Survey Report.

2. This form is to be used by Final Medical Boards of Survey convened in accordance with RI 4489 (3).

3. Initial distribution of the form will be made from the Medical and Dental Store Officer without demand.

4. Forms AM 252z—Final Medical Board and AM 252y—Supplement to Form AM 252z, will become obsolete on receipt of Form PM 132.

#### Medical Documentation for Final Medical Survey Reports

5. The following forms are to be forwarded to the Medical Director-General under cover of Form AM 46z—Medical Documents—Transmission and Receipt Note:

- AM 146z—Medical Statement of an Officer or Sailor on Discharge or Demobilisation or Reversion to the Royal Navy.
- AF Med 1—Medical Examination Record.
- AF Med 4—Medical Envelope—RAN.
- PM 132—Final Medical Survey Report.

(MDG 464/76/97)

[The text in this section is extremely faint and illegible, appearing as a series of light grey smudges and ghosting of characters.]

RESTRICTED

ANO's 257-269/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
7 June 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*Handau.*

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY

RESTRICTED

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## Section 1

### ADMINISTRATIVE AND GENERAL

#### UNCLASSIFIED

#### 257—ACNB General Messages

1. In accordance with Navy Order 724 of 1965, the state of ACNB General Messages at 1 April 1968, is as shown in the Annex to this order.

#### ANNEX

1. The following F messages may now be withdrawn:

1967

007—see RI

081—see ANO 15 of 1968.

091—see ANO 32 of 1968.

115—see ANO 145 of 1968.

2. At 0001Z 1 April 1968, the following F messages were in force:

1967

063, 087, 088, 102, 106, 107, 119, 120.

1968

001, 005, 006, 008, 009, 021, 026, 028, 029, 030, 033, 034, 035, 036, 038, 040, 041, 042, 043.

(AS (NS) 77/1/14)

(Navy Order 724 of 1965)

#### UNCLASSIFIED

#### 258—Aircraft Maintenance and Flight Trials Unit—Formation

1. The increasing complexity and cost of new aircraft and equipments, and the necessary observance of economy, highlight the benefits to be derived from informed research, study and investigation into all aspects of the aircraft flying and maintenance tasks. Of prime importance is the requirement to determine by trial and application, those servicing procedures, support equipments, maintenance and flight testing techniques which realise maximum aircraft utilisation. To assist in fulfilling this function, the Royal Australian Naval Aircraft Maintenance Development Unit was formed on 2 November 1964.

2. A review of the activities of the Unit has been carried out and it has been decided to revise the organisational responsibilities and include on the staff two test pilots (ETPS), 1 F/W, 1 R/W.

#### Title

3. The Unit is to be known as the Aircraft Maintenance and Flight Trials Unit (short title AMAFTU).

#### Responsibilities

4. In matters appertaining to his task, the Officer-in-Charge AMAFTU is directly responsible to the Superintendent, Aircraft Maintenance and Repair. The Unit operates as a detachment based at the RAN Air Station, Nowra, NSW, under the administrative control of the Captain of HMAS ALBATROSS.

**Complement**

5. The complement will be:

Two Pilots (ETPS)  
1 F/W, 1 R/W  
One Air Engineer } The senior to be Officer-in-Charge

One CAA—may be CMECHAE

One AA—may be MECHAE

One CSAAW—may be CEAW or CEAC

One CSAAC—part time

One MECHW—may be POAMW

One CASE—part time

One NAMAE—may be NAMW

One POAACM

One LWTR.

**Task**

6. AMAFTU will carry out the following tasks:

- a. writing and reviewing Test Flight Schedules for use in the RAN;
- b. training of maintenance test pilots, the surveillance of test flying standards and practices and, where necessary, assistance with flight testing and investigation of defects;
- c. reviewing Pilots Notes and recommending amendment where applicable;
- d. flight proving and assessment of special role configurations and airborne equipments;
- e. providing assistance to the naval staff with staff requirements, evaluations and clearances for new aircraft and other FAA equipment;
- f. monitoring of performance data of RAN aircraft;
- g. drafting of new maintenance schedules and reviewing existing maintenance schedules and aircraft documentation for effectiveness by controlled study of user unit application;
- h. vetting RANAMOs by practical application;
- j. conducting trials and assessing support equipment and tools for introduction into service;
- k. representing relevant matters to RANAGEC on which committee AMAFTU will have a permanent member; and
- l. advising and assisting special maintenance parties as required in the introduction of new aircraft into service;

7. In pursuance of duties within his terms of reference the Officer-in-Charge AMAFTU is authorised to correspond direct with SAMR and NATEC (RN).

8. AMAFTU personnel are authorised to visit ships, establishments and private companies as may be required in the execution of their duties.

(ACAE 1311/201/101)

**RESTRICTED**

**259—Naval Technical Services Branch—RAN DDG Shipalts—RAN Shipalt Committee—Terms of Reference**

1. Consequent upon the introduction of DDGs into the RAN, a Shipalt Committee has been established under the chairmanship of the Director of Marine Engineering and Dockyards.

2. The RAN shipalt Committee has been instituted by the Naval Board to examine and review all Shipalts applicable to RAN DDGs.

3. Subject, when appropriate, to confirmation by Naval Staff of a requirement and to confirmation by the Directors that funds are available, the Shipalt Committee will decide which Shipalts are to be adopted. The Shipalt Committee will also determine the method of implementation of the agreed decision and consequential publication, drawing or microfilm amendments required.

4. The Committee is to take into account any Shipalts that have become mandatory in accordance with Paragraph 7 of Navy Order 430 of 1967.

5. The Committee is the highest technical authority in the RAN on all questions concerning the adoption of Shipalts to RAN DDGs. The decisions of the Shipalt Committee are the authority for action by divisions and branches except in cases where Naval Staff policy is involved (eg, A major departure from modification standard) or where overall cost of the modification to the department is estimated to exceed \$40,000, when the approval of the Naval Board is required.

6. Directors of divisions and branches on whose votes expenditure on approved modifications is borne will obtain the approval of competent authority in the normal course for expenditure of money in these instances where the amounts involved exceed their delegation.

7. Shipalts adopted by the RAN will be promulgated as A and As, modifications or defects. These will be cross referenced to the relevant Shipalts.

8. Where the Shipalt Committee agree that a Shipalt, or a combination of Shipalts, are mandatory the resulting A and A, modification and defect, is mandatory.

9. DMED is responsible for the submission of Shipalts to the Shipalt Committee.

10. The permanent members of the Shipalt Committee are:

DMED Chairman.  
PME Representative.  
PNA Representative.  
PEE Representative.  
DWE Representative.  
CANTS Representative.  
DNS/DMS Representative.

Other specialist officers may be co-opted as required.

11. The Committee will meet at Navy Office, Canberra as arranged by the Chairman.

12. Where any Committee member will not be attending a particular meeting he should notify the Chairman and nominate another Committee member to speak on his behalf as necessary.

(DWE 8/201/75)

(Navy Order 430 of 1967)



## UNCLASSIFIED

**260—Pakistani Trainees Serving with the RAN**

The following holidays, of National and religious significance are to be granted to all Pakistani trainees:

- a. Eid-Ul-Fitr (2 and 3 January).
- b. Eid-Ul-Azha (11 March).
- c. Pakistan Day (23 March).
- d. Independence Day (14 August).
- e. Defence of Pakistan Day (6 September).

(HPB 302/1/26)

**Section 2**  
**PERSONNEL**

## UNCLASSIFIED

**261—Child Allowance**

1. The conditions governing payment of Child Allowance have been amended to provide the following:

Where the child is over the age of 16 years and undergoing full-time education at secondary level, and has not completed the equivalent of the Australian Matriculation Certificate, the allowance may now be continued to the end of the school year during which the child reaches 18 years of age.

2. The following provisions applicable to payment of the allowance should be noted:
  - a. the allowance is not payable in respect of a child whose parents are divorced or separated unless the member has custody of the child and the child forms part of the normal domestic establishment of the member.
  - b. the rate of Child Allowance specified for the 'first child' is payable in respect of a single child in a family unit who is at the post and is eligible for payment of Child Allowance. The 'each other' rate is payable in respect of each other child who is at the post and is eligible for payment of Child Allowance.
  - c. the allowance is not payable in respect of children who visit the member at the overseas post at Departmental expense during vacations.
3. NPI 105/302 should be noted pending amendment.

(HPB 253/40/155)

## UNCLASSIFIED

**262—Disturbance Allowance**

1. When a member has been granted a removal and would normally be eligible for Disturbance Allowance, payment of the allowance at the lower rate of \$30.00 may be made by the members new ship or establishment as soon as the removal has been effected.

2. Payment may be made without Navy Office authorisation but advice of the payment is to be forwarded on each occasion. A reference to the authority for the removal is to be noted on the payment voucher.

3. Disturbance Allowance is not payable in cases where the member is:
  - a. compulsorily required to vacate a service residence and is granted free transport of household furniture and effects, either to premises in the locality or the nearest available store. (NPI 231/2 (5) );
  - b. granted a removal on marriage and the removal is limited to:
    - (1) travel by the members wife; and
    - (2) transfer of her personal effects including wedding presents of a household nature, but excluding furniture. (NPI 231/40 (8) (b) );
  - c. granted a limited removal. (NPI 231/40 (8) (a) ); or
  - d. provided with an overseas passage (and granted storage of his furniture and effects for the period of his absence overseas). However, on return from overseas, Disturbance Allowance may be paid in accordance with the above procedure. (NPI 239/5 (3) ).
4. If a member is considered to be entitled to payment of the allowance at a higher rate, application for payment of the difference between \$30.00 and the higher rate is to be made to Navy Office in the normal manner. Payment at a higher rate is dependent upon a member moving to his unfurnished residence a substantial portion of what can be regarded as a normal household of furniture and effects and should include kitchen and/or dining room table and chairs, lounge chairs and/or settees and bedroom furniture appropriate to the family needs.
5. The provisions of this order are effective forthwith and will be incorporated in Naval Pay Instructions.

(HPB 252/8/65)

## UNCLASSIFIED

**263—Income Tax—Section 79B—Overseas Locality Allowance**

1. The waters off the coast of Vietnam to a distance of 100 nautical miles seaward have now been declared a locality to which Section 79B of the Income Tax Assessment Act applies. This declaration takes effect from 1 July 1967.
2. Section 79B authorizes a special deduction for members of the Defence Force who serve at certain overseas localities. The maximum amount of the special deduction is \$540 plus half the sum of the income tax deductions to which a member is entitled for the maintenance of his dependants. The maximum deduction is only available if a member spends more than one half of the year of income in a declared locality. For any shorter period, a proportionate amount of the maximum deduction is available, calculated on the basis of the time actually spent by the member in a declared area during the year of income.
3. The effect of this declaration is that, commencing with the year of income ending 30 June 1968, members serving in ships proceeding to and from Vietnam on short trips will be eligible for the special deduction under Section 79B.
4. The only personnel effected at present are those who have served, or are serving, in HMAS SYDNEY and SS JEPARIT. In all cases periods involved and the amount of allowance will be shown on Group Certificates. In future, ships eligible for this concession should advise Director of Navy Accounts of times of arrival at, and departure from, the following areas:
  - a. Malaysia, Brunei and contiguous waters,
  - b. Singapore,
  - c. Thailand,
  - d. Vietnam (Southern Zone) and waters to a distance of 100 nautical miles seaward of the Vietnam coast,

to enable Group Certificates to be noted accordingly. Towards the end of the financial year these reports should be made by signal to provide adequate time for notations to be made in the current year.

5. The amount of the deduction available to a member under Section 79B will generally be calculated with reference to the formula:

$$\frac{\text{No of days actually spent in Declared area}}{182 \text{ (ie, No of days in half-year)}} \times \text{Maximum deduction provided by Section 79B}$$

Thus a member with no dependants who serves in the Vietnam area for 13 days during a year of income would be entitled to a deduction of \$39 (namely,  $13/182 \times \$540$ ).

(HPB 271/251/3)

## UNCLASSIFIED

### 264—Short Term Duty Travelling Allowance

1. The rates of Short Term Duty Travelling Allowance as shown in NPI 209/1 are varied as follows:

*add* new rates for Yugoslavia to Table A and *amend* the existing rates for Netherlands, United Kingdom, Eire and France as follows:

Country	Currency of Payment	Lieut, Lieut (SD) or Relative Rank, Officers of Lower Rank and Sailors	Capt, Cmdr, Cmdr (SD) or Relative Rank, Lt Cmdr, Lt Cmdr, (SD) or Relative Rank	Commodore and above
United Kingdom	£ Stg ..	5.15.0	7.5.0	9.0.0
France ..	Francs ..	115	130	150
Eire ..	£ Irish ..	5.15.0	7.5.0	9.0.0
Netherlands ..	Florins ..	65	72	79
Yugoslavia ..	New Dinars	245	295	335

2. The rates of effect of these amendments are 28 September 1967 for France, 14 August 1967 for Netherlands and 10 October 1967 for United Kingdom, Eire and Yugoslavia.

3. NPI 209/1 should be noted pending amendment.

(HBP 252/7/26)

## UNCLASSIFIED

### 265—WRANS—Sheila McCleman's Trophy

1. The Sheila McCleman's Trophy awarded annually for competition for efficiency in Naval establishments where members of the WRANS are serving, has been awarded, for 1967, to the WRANS unit in the Melbourne area, HMAS LONSDALE.

2. Navy Order 142 of 1967 is hereby cancelled.

(HPB 138/6/43)

(Navy Order 142 of 1967)

## Section 4

### EQUIPMENT, STORES AND SERVICING

#### RESTRICTED

### 266—Gunnery—Fire Control—A/S Weapons—Radar—Suitability of Shore AC Supplies for Testing and Tuning in HMA Dockyards

(DCI (RN) 1537/1967)

1. Considerable progress has now been made in the installation of frequency changers in HMA dockyards for the specific purpose of giving 60 cycle shore supply to HMA ships throughout the whole of their refit periods, during self-maintenance and, to a substantial extent, whenever they are berthed in the yards.

2. For setting-to-work, testing and tuning and normal operation, dockyard 60 cycle supplies are now acceptable in lieu of ships generators.

3. Where critical tuning is in progress it will be prudent to notify dockyard officers accordingly so that major external load changes on the 60 cycle system can be minimised, but for all routine radio, sonar and weapon control operation no special notification will be necessary.

4. Dockyard supplies will be held to Electricity Supply Authority's accuracy for frequency and to  $\pm$  one per cent for steady state voltage.

5. Considerable care has been taken to limit transient voltage surges to less than the 15 per cent excursion permitted and recovery times for all internal switching are not expected to exceed five seconds.

6. Ships own power supplies should, however, continue to be used for equipment acceptance tests and trials.

7. Any difficulties experienced in the use of AC shore supplies for this purpose should be reported. Yard officers should be associated with or receive copies of such reports.

(ACDC 1401/201/11)

## UNCLASSIFIED

### 267—Machinery—Steering Gear Telemotor Transmitter—Spare Gear RAN Type 12 DEs

1. It has been decided to increase the onboard spare gear allowance of lifting cams, returning cams and cam blocks for the Brown Bros Telemotor Transmitters installed in RAN Type 12 DEs to the scale indicated in the table below:

Group Class	Catalogue Number	Description	Allowance
2030	190-223328	Cam, lifting .. .. .	2 No
2030	190-223325	Cam, Returning .. .. .	2 No
2030	190-223326	Block, cam .. .. .	1 No

2. Supply to ships concerned will be arranged by SMSO, Sydney, without demand.

3. Forms D 787 are to be amended in accordance with ABR 4 Article 3517.

4. Supply of the spares to the ships under construction will be arranged by the storing yards concerned.

(DSAP 1115/51/256)

## UNCLASSIFIED

**268—Motor Transport—Vehicles Fitted with AC (Alternating Current)  
Generating Equipment**

*(DCI (RN) 1452/1967)*

1. AC (Alternating Current) generating systems are now being fitted as standard equipment on many vehicles being introduced into service.

2. To avoid damage to the alternator and associated equipment, the information given in the Annex to this order should be widely circulated to all MT users and repair and maintenance staff.

## ANNEX

When carrying out work on vehicles fitted with AC generating equipment, particular care should be taken on the following points:

- a. Reversed battery connections will damage the diode rectifiers. Battery polarity should be checked before connections are made to ensure that the connections correspond to the vehicle battery earth polarity.
- b. Earthing the alternator main output cable or terminal will damage the alternator and/or circuit. This is true even when the system is not in operation since no circuit breaker is used and the battery is applied to the main output cable at all times.

*Note:* It is important when carrying out repairs to the engine to disconnect battery terminals to avoid accidental short circuiting of alternator main output terminal with tools, etc.

- c. The alternator should never be run on open circuit (ie, engine running with battery disconnected) with the field winding energised as the rectifier diodes and control box are likely to be damaged due to peak inverse voltages.
- d. Do not attempt to polarize the alternator. No polarization is necessary. Any attempt to do so may result in damage to the alternator, regulator or associated circuits.
- e. When using a battery charger, ensure that it is connected correctly otherwise the rectifier diodes will be damaged. The polarity of the electrical system should be checked and the charges connected accordingly. Before using a boost charger disconnect the battery cable to avoid control box damage.
- f. If a fully transistorized control box is fitted, the control box setting must be checked under closed circuit conditions. Any attempt to check open circuit voltage will damage the control box.
- g. Should it be necessary to perform electric welding on any part of the vehicle, disconnect the alternator main output and 'AL' terminal cables (F terminal), also the control unit cable terminal. First of all disconnecting battery terminals (Item b.). Omission to do so may result in damage to the transistors within the alternator and control box. These are very sensitive to overload.

(DSAP 459/53/201)

## UNCLASSIFIED

**269—Stores (General) (Group Class 0623)—Re-identification—  
American W/T—NATO Group Classes**

1. Further to Navy Order 253 of 1967, which transferred items identified in Group Class 0623 to NATO Group Classes, those items now held on charge under Local Stock Numbers have been submitted to the USA by manufacturers reference numbers (part number) for advice of Federal Stock Numbers (FSNs). FSNs have been advised, where applicable.

2. In instances where FSNs have not been assigned, such items have been codified to the Defence Cataloguing System and allotted Defence Stock Numbers (DSNs).

3. Details of FSNs and DSNs under which the items are to be held on charge in future are shown in the Annex to this order.

4. The following amendments are to be made to Navy Order 253 of 1967.

Page No	Old Stock Numbers	New Stock Numbers
3	L17139	should read 5825-00-L17139
3	L17140	should read 5825-00-L17140
6	L17317	should read 6625-00-L17317
6	L17318	should read 6625-00-L17318

5. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual), Article 1812.

6. ABR 5074 RAN Catalogue of Stores will be amended in due course.

## ANNEX

Old Stock No					New Stock No	
Group	Catalogue	Item Name			Group	
Class	Number				Class	
5825	00-L11020	Cable assy	..	..	5995	66-027-0221
5985	00-L11058	Antenna assy	..	..	5985	66-027-0223
5985	00-L11059	Contact arm assy	..	..	5820	66-027-0222
5895	00-L11093	Arm	..	..	5820	66-027-0224
5895	00-L11094	Arm	..	..	5820	66-027-0225
5895	00-L11095	Arm	..	..	5820	66-027-0226
5895	00-L11096	Arm	..	..	5820	66-027-0227
5895	00-L11097	Arm	..	..	5820	66-027-0228
5825	00-L11103	Amplifier	..	..	5825	66-027-0229
6625	00-L13301	Blade, fan	..	..	4140	66-027-0230
6625	00-L13303	Belt, timing	..	..	3030	66-027-0231
5895	00-L13304	Bushing	..	..	5340	00-036-8104
5895	00-L13305	Block bearing	..	..	5895	66-027-0232
5895	00-L13306	Block bearing	..	..	5895	66-027-0233
5895	00-L13307	Block bearing	..	..	5895	66-027-0234
5895	00-L13308	Bushing	..	..	4730	00-580-9060
5977	00-L13327	Brush, electrical	..	..	5977	66-027-0235
5825	00-L17126	Clamp, tube	..	..	5340	66-027-0237
5895	00-L17121	Connector, antenna assy	..	..	5895	66-027-0236
5825	00-L17128	Clamp, crystal	..	..	5955	66-207-0238
5825	00-L17129	Clamp, cable	..	..	5340	66-027-0239

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	Item Name
5825	00-L17130	Clamp, tube	5340	66-027-0240	
5920	00-L17131	Clip, fuse	5920	66-027-0241	
5950	00-L17133	Coil, oscillator	5950	66-027-0242	
5825	00-L17139	Crank, drive	5825	66-027-0243	
5895	00-L17144	Antisieze compound	8030	66-027-0244	
5985	00-L17178	Contact	5985	00-192-4669	
5985	00-L17179	Contact	5930	00-241-4163	
5935	00-L17194	Connector	5935	00-666-4791	
6625	00-L17195	Counter, decade	6625	00-647-1883	
5950	00-L17214	Coil, radio frequency	5950	00-624-6079	
5950	00-L17215	Coil, radio frequency	5950	00-683-6834	
5950	00-L17216	Coil, radio frequency	5950	00-583-1991	
6680	00-L17217	Counter, mechanical	6680	66-027-0245	
6680	00-L17218	Counter, mechanical	6680	66-027-0246	
5895	00-L17219	Clamp	5340	00-628-1206	
5895	00-L17220	Coupling, rigid	3010	66-027-0247	
5895	00-L17221	Contact case	5895	66-027-0248	
5895	00-L17222	Contact case	5895	66-027-0249	
5950	00-L17223	Coil, radio frequency	5950	66-027-0250	
5950	00-L17224	Coil, radio frequency	5950	00-583-1986	
5950	00-L17225	Coil, radio frequency	5950	00-583-1990	
6680	00-L17226	Counter, mechanical	6680	00-631-4975	
6680	00-L17227	Counter, rotating	6680	66-027-0251	
5895	00-L17228	Clamp	5975	00-392-5607	
5895	00-L17229	Clamp	5340	00-373-2025	
3010	00-L17230	Coupling, rigid	3010	66-027-0252	
5950	00-L17231	Coil, radio frequency	5950	66-027-0253	
5895	00-L17257	Cabinet	5895	66-027-0254	
5895	00-L17258	Cabinet	5895	66-027-0255	
5895	00-L17259	Cabinet	5895	66-027-0256	
5935	00-L17264	Connector	5935	66-027-0260	
5935	00-L17265	Connector	5935	66-027-0261	
5935	00-L17266	Connector	5935	66-027-0262	
5935	00-L17267	Connector	5935	66-027-0263	
3010	00-L17271	Coupling, shaft, flexible	3010	66-027-0264	
5895	00-L17281	Cam, oscillator	5895	66-027-0265	
5895	00-L17282	Cam, oscillator	5895	66-027-0266	
5895	00-L17284	Contact assy	5895	00-338-1736	
5895	00-L17285	Contact assy	5895	66-027-0267	
5895	00-L17286	Contact assy	5895	66-027-0268	
5975	00-L17287	Contact case sleeve	5975	00-040-2915	
5950	00-L17288	Core, adjustable, tuning	5950	00-027-0269	
5995	00-L17289	Cable assy	5995	00-027-0257	
5825	00-L17291	Cabinet	5825	66-027-0258	
5995	00-L17309	Cable assy	5995	66-027-0270	
5995	00-L17310	Cable assy	5995	66-027-0271	
5995	00-L17312	Cable, delay	5995	00-927-5469	
5995	00-L17313	Cable, delay	5995	66-027-0272	
5995	00-L17314	Cable, delay	5995	00-927-5466	
5995	00-L17315	Cable, delay	5995	00-927-5468	
6680	00-L17318	Counter	6680	66-027-0273	

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	Item Name
6625	00-L17319	Contact assy	6625	66-027-0276	
5820	00-L21929	Dial	5355	66-027-0275	
5355	00-L21930	Dial	5355	66-027-0274	
5920	00-L23160	Fuse, cartridge	5920	66-027-0277	
5920	00-L23170	Fuse, cartridge	5920	66-027-0278	
5920	00-L23172	Fuse, cartridge	5920	66-027-0286	
5985	00-L23180	Flange	5985	00-265-2893	
5330	00-L23953	Gasket	5330	66-027-0279	
5330	00-L23955	Gasket	5330	00-387-7977	
5330	00-L23956	Gasket	5330	66-027-0280	
5330	00-L23957	Gasket	5330	66-027-0281	
5330	00-L23958	Gasket	5330	66-027-0282	
5330	00-L23959	Gasket	5330	66-027-0283	
5330	00-L23961	Gasket	5330	66-027-0284	
5330	00-L23962	Gasket	5330	66-027-0285	
5330	00-L23963	Gasket	5330	66-027-0287	
5330	00-L23964	Gasket	5330	66-027-0288	
5330	00-L23965	Gasket	5330	66-027-0289	
5895	00-L23966	Gear assy	5895	66-027-0290	
5895	00-L23967	Gear assy	5895	66-027-0291	
5895	00-L23968	Gear assy	5895	00-628-1196	
5895	00-L23969	Gear assy	5895	66-027-0292	
5895	00-L23970	Gear assy	5895	66-027-0293	
5895	00-L23971	Gear assy	5895	66-027-0294	
5895	00-L23972	Gear assy	5895	66-027-0295	
5895	00-L23973	Gear assy	5895	66-027-0296	
5895	00-L23974	Gear assy	5895	66-027-0297	
5895	00-L23975	Gear assy	5895	66-027-0298	
5895	00-L23976	Gear assy	5895	66-027-0299	
5895	00-L23988	Gear	5895	66-027-0259	
5825	00-L23997	Gasket	5825	66-027-3400	
5825	00-L23998	Gear	5825	66-027-3401	
5825	00-L23999	Gear	5825	66-027-3402	
5825	00-L24000	Gear	5825	66-027-3403	
5825	00-L24001	Gear	5825	66-027-3404	
5825	00-L24002	Gear	5825	66-027-3405	
5825	00-L24003	Gear box	5825	66-027-3406	
5920	00-L24844	Fuse, cartridge	5920	66-027-3407	
5825	00-L25901	Indicator	5825	66-027-3408	
5950	00-L25921	Inductor	5950	00-254-9740	
5950	00-L25922	Inductor	5950	66-027-3409	
5950	00-L25923	Filter	5915	00-250-1124	
5950	00-L25924	Inductor	5950	66-027-3410	
5970	00-L25925	Insulator	5970	66-027-3411	
5950	00-L25935	Impeller, fan	4140	66-027-3414	
5970	00-L25936	Insulator	5970	00-679-0652	
5970	00-L25940	Insulator	5970	66-027-3415	
5925	00-L26676	Lead, electrical	5995	66-027-3412	
5935	00-L26677	Jack	5935	66-027-3413	
5935	00-L26681	Jack, tip	5935	66-027-3419	
5355	00-L27111	Knob	5355	00-651-8987	

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5355	00-L27112	Knob	5355	66-027-3416
5355	00-L27113	Knob	5355	66-027-3417
5355	00-L27114	Knob	6130	00-510-0635
5355	00-L27115	Knob	5355	00-584-5837
5355	00-L27116	Knob	5355	66-027-3418
5355	00-L27117	Knob	5355	00-627-2020
5355	00-L27118	Knob	5355	66-027-3420
5355	00-L27119	Knob	5355	66-027-3421
5355	00-L27120	Knob	5355	66-027-3422
5825	00-L28462	Loop	5826	00-155-8299
6240	00-L28477	Lamp, incandescent	6240	66-027-3423
6210	00-L28478	Lens, indicator lamp	6210	66-027-3424
6240	00-L28485	Lamp, incandescent	6240	66-027-3429
5895	00-L28486	Delay line	5999	66-027-3425
5895	00-L28487	Lever	5895	66-027-3426
6210	00-L28488	Light, indicator	6240	66-027-3427
5895	00-L28495	Line, radio frequency	5895	66-027-3428
6625	00-L29350	Meter	6625	00-715-0843
6105	00-L29352	Motor	6105	66-027-3430
5895	00-L29364	Holder, semi-conductor	5960	00-786-5457
5895	00-L29365	Amplifier	5895	66-027-3431
6105	00-L29366	Motor	6105	66-027-3432
5310	00-L29742	Nut	5310	66-027-3433
5310	00-L29743	Nut, plain, hexagon	5310	00-208-6633
6625	00-L29901	Oven, crystal	5955	00-799-0035
5315	00-L31668	Pin, cotter	5315	66-027-3434
5315	00-L31669	Pin, cotter	5315	66-027-3435
5895	00-L31670	Packing, preformed	5330	66-027-3436
5330	00-L31671	Packing, preformed	5330	66-027-3437
5330	00-L31672	Packing, preformed	5330	66-027-3438
5330	00-L31674	Packing, preformed	5330	66-027-3439
5940	00-L31683	Post, binding	5940	00-630-8988
5940	00-L31684	Pin	5940	66-027-3440
5940	00-L31685	Post	5940	66-027-3441
5940	00-L31686	Post	5940	66-027-3442
5940	00-L31687	Post	5940	66-027-3443
5940	00-L31688	Post	5940	66-027-3444
5940	00-L31689	Screw, shoulder	5305	00-616-8263
5940	00-L31690	Post	5940	66-027-3445
5940	00-L31691	Spacer, sleeve	5895	00-629-3203
5940	00-L31692	Stand-off, hexagon	5821	00-506-7314
5895	00-L31701	Pin	5315	00-785-4757
5895	00-L31702	Pin	5315	66-027-3446
5895	00-L31703	Pin	5315	00-286-4173
5895	00-L31704	Plate, cam, preselection	5895	66-027-3447
5895	00-L31705	Plate, cam, preselection	5895	66-027-3448
6625	00-L31706	Power supply	5895	66-027-3449
6625	00-L31708	Plate lock	5895	66-027-3450
5915	00-L33588	Reactor	5950	66-027-3451
5915	00-L33590	Reactor	5950	66-027-3452
5960	00-L33604	Ring positioning	5895	00-798-4550

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5960	00-L33605	Holder, tube	5841	00-510-0836
5895	00-L44010	Shaft	5895	66-027-3454
5895	00-L44011	Spring	5340	00-584-6043
5895	00-L44012	Screw	5340	66-027-3455
5950	00-L33597	Reactor	5950	66-027-3453
5895	00-L44013	Spring	5305	00-637-5280
5895	00-L44014	Shaft	5895	66-027-3457
5895	00-L44015	Shaft	5895	66-027-3458
5895	00-L44017	Screw	5305	00-616-3014
5895	00-L44018	Screw	5305	66-027-3473
5895	00-L44019	Spring	5340	66-027-3459
5895	00-L44020	Spring	5340	00-290-1252
5895	00-L44021	Thumbscrew	5305	66-027-3460
5895	00-L44022	Spring	5340	66-027-3461
5895	00-L44023	Shaft	5895	66-027-3462
5895	00-L44024	Shaft	5895	66-027-3463
5895	00-L44025	Shaft	5895	66-027-3464
5895	00-L44026	Shaft	5895	66-027-3465
5895	00-L44027	Stretcher, pulse	5895	66-027-3466
5895	00-L44028	Shaft	5841	66-027-3467
5895	00-L44029	Screw	5841	00-534-2839
5895	00-L44031	Shaft assy	3040	00-699-4327
5895	00-L44032	Shaft assy	3040	66-027-3468
5895	00-L44033	Spring	5340	00-624-6076
5895	00-L44034	Spring	5340	66-027-3469
5990	00-L44035	Synchro	5990	00-583-3792
5895	00-L44036	Spring	5340	00-584-6044
5895	00-L44037	Spring	5340	66-027-3470
5895	00-L44038	Spring	5340	66-027-3471
5895	00-L44039	Spring	5895	00-629-3244
5960	00-L44040	Thumbscrew	5305	66-027-3472
5960	00-L44041	Shield, electron tube	5960	00-583-1984
5875	00-L44042	Screw, captive	5305	66-027-3474
5895	00-L44043	Shaft	5895	66-027-3475
5895	00-L44044	Shaft	5895	66-027-3476
5895	00-L44045	Shaft	5340	00-624-6107
5895	00-L44046	Screw, captive	5305	66-027-3477
5895	00-L44047	Spring	5895	00-629-3350
5960	00-L44048	Shield, electron tube	5960	00-264-3004
5895	00-L44049	Spring	5340	66-027-3478
5895	00-L44050	Shaft	5895	66-027-3479
5895	00-L44051	Screw, captive	5305	00-584-3818
5895	00-L44052	Screw, captive	5305	00-027-3480
5895	00-L44053	Screw, captive	5305	00-027-3481
5895	00-L44055	Spring	5841	00-432-3096
5895	00-L44056	Spring	5841	66-027-3482
5895	00-L44057	Spring	5841	66-027-3483
5930	00-L44060	Switch, push	5930	66-027-3484
5930	00-L44061	Switch, toggle	5930	66-027-3485
5930	00-L44090	Switch, rotary	5930	66-027-3486
5930	00-L44091	Switch, rotary	5930	66-027-3487

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5930	00-L44092	Switch, rotary .. ..	5930	66-027-3488
5930	00-L44094	Switch, rotary .. ..	5930	66-027-3489
5950	00-L46693	Transformer, radio frequency .. ..	5950	66-027-3492
5825	00-L49700	Window .. ..	5825	66-027-3490
5895	00-L49731	Washer .. ..	5310	00-616-7973
5895	00-L49732	Washer, key .. ..	5340	00-616-3091
5895	00-L49733	Washer, key .. ..	5340	66-027-3493
5895	00-L49734	Washer, key .. ..	5340	66-027-3494
5895	00-L49735	Washer, non-metallic .. ..	5330	00-580-2469
5895	00-L49736	Washer .. ..	5310	00-514-9748
5895	00-L49737	Washer, spring tension .. ..	5340	00-616-3611
5895	00-L49738	Washer, key .. ..	5310	00-616-7974
5895	00-L49739	Washer, spring tension .. ..	5310	00-616-3062
5895	00-L49740	Washer, non-metallic .. ..	5330	00-268-3401
5895	00-L49741	Shim .. ..	5340	00-616-6554
5930	00-L49742	Switch section, rotary .. ..	5930	66-027-3491
5895	00-L49746	Washer, key .. ..	5310	00-616-2993
5895	00-L49747	Washer .. ..	5310	66-027-3495
5840	00-L49749	Cavity, tuned .. ..	5825	00-581-5690
5340	00-L43495	Washer, spring tension .. ..	5340	66-027-3504
5995	00-L43496	Cable assy, RF .. ..	5995	66-027-3505
5995	00-L43497	Cable assy, RF .. ..	5995	66-027-3506
5995	00-L43498	Cable assy, RF .. ..	5995	66-027-3507
5895	00-L49748	Washer .. ..	5310	66-027-3495
5995	00-L43499	Cable assy, RF .. ..	5995	66-027-3508
5995	00-L43501	Cable assy, RF .. ..	5995	66-027-3509
5950	00-L43506	Choke, radio frequency .. ..	5950	66-027-3510
5950	00-L43507	Coil, radio frequency .. ..	5950	66-027-3511
5950	00-L43508	Coil, radio frequency .. ..	5950	66-027-3512
5950	00-L43509	Coil, radio frequency .. ..	5950	66-027-3513
5950	00-L43510	Coil, radio frequency .. ..	5950	66-027-3514
5950	00-L43511	Coil, radio frequency .. ..	5950	66-027-3515
5950	00-L43512	Coil, radio frequency .. ..	5950	66-027-3516
5950	00-L43513	Coil, radio frequency .. ..	5950	66-027-3517
5950	00-L43515	Coil, radio frequency .. ..	5950	66-027-3530
5950	00-L43517	Coil, radio frequency .. ..	5950	66-027-3531
5820	00-L43518	Compressor .. ..	5820	66-027-3518
5935	00-L43519	Connector .. ..	5935	66-027-3519
5935	00-L43520	Connector .. ..	5935	66-027-3520
5935	00-L43521	Connector .. ..	5935	66-027-3521
5935	00-L43522	Connector .. ..	5935	66-027-3522
5935	00-L43523	Connector .. ..	5935	00-681-5685
5935	00-L43524	Connector .. ..	5935	66-027-3523
5935	00-L43525	Connector .. ..	5935	66-027-3524
5935	00-L43527	Connector .. ..	5935	00-852-1865
5935	00-L43528	Connector .. ..	5935	66-027-3429
5935	00-L43530	Connector .. ..	5935	00-922-9945
5935	00-L43531	Connector .. ..	5935	00-848-6674
5935	00-L43532	Connector .. ..	5935	00-848-8858
5935	00-L43533	Connector .. ..	5935	00-789-0432
5935	00-L43534	Connector .. ..	5935	00-716-6485

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5935	00-L43535	Connector .. ..	5935	00-815-3379
5935	00-L43537	Connector .. ..	5935	66-027-3526
5935	00-L43536	Connector .. ..	5935	66-027-3525
5820	00-L43539	Contact, electrical .. ..	5820	66-027-3527
5820	00-L43540	Contact, electrical .. ..	5820	66-027-3528
5820	00-L43543	Contact, electrical .. ..	5820	66-027-3532
6135	00-L43547	Cover .. ..	6136	66-027-3533
5820	00-L43549	Cushion .. ..	5820	66-027-3534
5325	00-L43554	Fastener .. ..	5325	66-027-3550
5325	00-L43555	Fastener .. ..	5325	66-027-3535
5915	00-L43556	Filter .. ..	5915	66-027-3536
5965	00-L43559	Handset .. ..	5965	66-027-3537
5965	00-L43560	Headband .. ..	5965	66-027-3538
5970	00-L43563	Insulator .. ..	5970	66-027-3539
5970	00-L43565	Insulator .. ..	5970	66-027-3540
5935	00-L43566	Jack .. ..	5935	66-027-3541
5820	00-L43567	Insulator kit .. ..	5970	66-027-3542
5355	00-L43569	Knob .. ..	5355	66-027-3543
6250	00-L43573	Lampholder .. ..	6250	66-027-3544
6220	00-L43575	Lens, indicator light .. ..	6210	66-027-3545
6220	00-L43576	Lens, indicator light .. ..	6210	66-027-3546
6220	00-L43577	Lens, indicator light .. ..	6210	66-027-3547
6625	00-L43579	Meter .. ..	6625	00-871-8562
5965	00-L43578	Loudspeaker .. ..	5965	66-027-3548
5965	00-L43580	Microphone .. ..	5965	66-027-3549
5820	00-L43602	Module .. ..	5820	66-027-3552
5820	00-L43605	Nut .. ..	5310	66-027-3829
4520	00-L43606	Radiator, heating .. ..	4520	66-027-3554
5820	00-L43610	Receiver assy .. ..	5820	66-027-3555
5945	00-L43612	Relay, armature .. ..	5945	66-027-3497
5820	00-L43614	Screw, captive .. ..	5305	66-027-3556
5820	00-L43615	Thumbscrew .. ..	5305	66-027-3557
5935	00-L43621	Connector .. ..	5935	66-027-3559
5940	00-L43625	Terminal, stud .. ..	5940	66-027-3558
5940	00-L43626	Terminal, stud .. ..	5940	66-027-3560
5940	00-L43627	Terminal, stud .. ..	5940	66-027-3561
5940	00-L43628	Terminal, stud .. ..	5940	66-027-3562
5940	00-L43629	Terminal, stud .. ..	5940	66-027-3563
5940	00-L43630	Terminal, stud .. ..	5940	66-027-3564
5940	00-L43632	Terminal, stud .. ..	5940	66-027-3551
5940	00-L43631	Terminal, stud .. ..	5940	66-027-3552
5940	00-L43633	Terminal, stud .. ..	5940	66-027-3565
5940	00-L43634	Terminal, stud .. ..	5940	66-027-3566
5940	00-L43635	Terminal, stud .. ..	5940	66-027-3567
5940	00-L43637	Terminal, stud .. ..	5940	66-027-3576
5940	00-L43638	Terminal, stud .. ..	5940	66-027-3577
5940	00-L43639	Terminal board .. ..	5940	00-087-4937
5940	00-L43640	Terminal board .. ..	5940	66-027-3579
5930	00-L43642	Switch, toggle .. ..	5930	66-027-3568
5930	00-L43643	Switch, toggle .. ..	5930	66-027-3569
5950	00-L43651	Transformer .. ..	5950	66-027-3570

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<i>Old Stock No</i>		<i>Item Name</i>	<i>New Stock No</i>	
<i>Group Class</i>	<i>Catalogue Number</i>		<i>Group Class</i>	<i>Catalogue Number</i>
5950	00-L43652	Transformer .. .. .	5950	66-027-3571
5950	00-L43653	Transformer .. .. .	5950	66-027-3572
5950	00-L43659	Transformer .. .. .	5950	66-027-3573
5950	00-L43662	Transformer .. .. .	5950	66-027-3574
5950	00-L43663	Transformer .. .. .	5950	66-027-3575
5820	00-L43666	Receiver, radio .. .. .	5820	66-027-3500
5820	00-L43667	Control, amplifier .. .. .	5820	66-027-3501
5965	00-L43668	Loudspeaker .. .. .	5965	66-027-3502
5965	00-L43669	Handset .. .. .	5965	66-027-3503
5985	00-L43670	Antenna .. .. .	5985	66-027-3499
5995	00-L43677	Cable assy, RF .. .. .	5995	66-027-3578

(DSAP 519/58/264)

(Navy Order 253 of 1967)

By Authority: A. J. ARTHUR, Commonwealth Government Printer, Canberra

**RESTRICTED**



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
14 June 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

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## Section 2 PERSONNEL

### UNCLASSIFIED

#### 270—Aircrewman Category of the Naval Airman Branch

##### General Conditions

1. Seaman sailors from the UC category may volunteer for transfer to the Aircrewman category of the Naval Airman Branch, provided they possess the following qualifications:
  - a. be a Leading Seaman, or Able Seaman who has passed the Promotion Board for Leading Seaman with the exception of Seamanship;
  - b. be under 26 years of age on selection for course;
  - c. Medical Category B1 (as for Observer);
  - d. have passed swimming test;
  - e. have passed ET 1; and
  - f. be recommended by Commanding Officer.

##### Applications

2. Applications for transfer, including medical documents and Certificates of Service, are to be forwarded to Navy Office in the normal manner.

##### Re-engagement

3. Sailors who are selected for transfer will be required to re-engage in accordance with Group C, RI Article 0824 refers.

##### Duties

4. The duties of Aircrewman sailors are as follows:
  - a. crew member of rotary wing and fixed wing A/S aircraft;
  - b. SAR winching, FRU and target towing duties; and
  - c. administrative and instructional duties as required.

##### Initial Training and Categorisation

5. Sailors selected for transfer to the Aircrewman category will be posted to HMAS ALBATROSS for the Petty Officer Airman Aircrewman promotion course, training in rotary wing aircraft, and will be categorised Acting Leading Airman Aircrewman (Provisional) or Leading Airman Aircrewman (Provisional), as appropriate, from the date of starting the course. Removal of the notation 'Provisional' is subject to successful completion of the POACM course and being fully qualified in all respects for promotion to Leading Airman Aircrewman. Familiarisation training in fixed wing aircraft will also be included in the POACM course.

##### Subsequent Training

6. Aircrewman sailors will be subsequently trained in fixed wing A/S aircraft operations as the requirement arises.

##### Failures

7. Training failures will revert to their previous rank and category.



## Section 4

## EQUIPMENT, STORES AND SERVICING

## UNCLASSIFIED

## 275—Ammunition—Pyrotechnics—Allowances to Naval Harbour Craft

1. Naval Harbour craft employed on duties within harbours and ports are to be supplied with naval pattern pyrotechnics that may be needed to comply with local port orders.

2. The pyrotechnics referred to are to be exchanged annually by arrangement with the nearest Naval Armament Depot.

3. Navy Order 299 of 1965 is hereby cancelled.

(DAS 728/51/12)

(Navy Order 299 of 1965)

## UNCLASSIFIED

## 276—Fixed Issuing Prices for Provisions and Victualling Allowances as 1 April 1968

1. The price list for fresh fruit and vegetables which has operated since 1 January 1968, has been amended.

2. A revised price list, operative from 1 April 1968, has been distributed to all HMA ships and establishments.

3. The rates of victualling allowances promulgated by Navy Order 96 of 1968 will continue to apply as from 1 April 1968.

4. Navy Order 96 of 1968 is hereby cancelled.

(D of V 903/51/147)

(Navy Order 96 of 1968)

## UNCLASSIFIED

## 277—Machinery Spares for Use in HMA Ships and Establishments—Introduction of Local Stock Numbers

1. In order to facilitate accounting procedures and supply operations in HMA ships and establishments, a stock numbering system will be introduced for those machinery spares held in stock not currently bearing approved stock numbers, ie, MOD (N) ADREFNOs, Defence Stock Numbers (DSN), Federal Stock Numbers (FSN), NATO Stock Numbers (NSN) or item identifying manufacturers part numbers or drawing numbers.

2. As items are issued from Machinery Spares Depot, Randwick, vouchers will be endorsed with stock numbers and these are to be transcribed to ledgers in accordance with ABR 4 Article 1812 and should also be recorded, progressively in Lists of Equipment.

3. Stock numbers so allocated should be used in future demands, correspondence, etc, with Australian Naval Authorities but should not be used for demands or correspondence with MOD (N) yards or depots.

4. The above system will be applicable only to existing items of machinery spares. For new items entering the system Defence Stock Numbers or the relevant Overseas Stock Number will be obtained.

(DSAP 1100/51/32)

## UNCLASSIFIED

## 278—Medical and Dental Stores—Supply System

1. The supply of urgent or specialised requirements for individual Navy personnel from civilian chemists in certain circumstances is authorised by ABR 4, Article 3411.

2. It is to be noted that in addition to the circumstances described in the article the following applies to prescriptions of this nature:

- the quantity of any drug ordered is to be limited to one months supply.
- only pharmaceutical items may be prescribed, or
- the requirement is urgent and must be supplied without delay.

3. ABR 4, Article 3411, will be amended.

(DSAP 1605/201/35)

## UNCLASSIFIED

## 279—Naval Stores (Electrical) (Group Class 6625)—Introduction and Allowances—Generator Signal—Mosquito Transistor

1. With the increasing use of transistorised equipment in the RAN there is a requirement for a compact self-powered signal source for training and quick fault location.

2. Following the successful evaluation trials of a Mosquito Transistor Signal Injector it has been decided to introduce this equipment into service. The item is to be identified as follows:

Group Class	Catalogue Number	Description	Accounting Classification
6625	66-027-4109	Generator, signal .. .. .	Permanent

3. This instrument provides a 1,000 cycle signal rich in harmonics up to 30 mc/s, self-powered and is approximately the size of a fountain pen.

4. Initial allowances are shown in the Annex hereto. Supply will be effected, without demand, by SNSO, Sydney when stocks become available.

## ANNEX

HMA Ship	Allowance	HMA Establishment	Allowance
MELBOURNE .. .. .	4 No	WATSON .. .. .	3 No
SYDNEY .. .. .	4 No	NIRIMBA .. .. .	6 No
SUPPLY .. .. .	2 No	PLATYPUS .. .. .	2 No
STALWART .. .. .	4 No	WATERHEN .. .. .	2 No
PERTH .. .. .	4 No	HARMAN .. .. .	4 No
HOBART .. .. .	4 No	ALBATROSS .. .. .	4 No
BRISBANE .. .. .	4 No	CERBERUS .. .. .	6 No
VAMPIRE .. .. .	2 No	TARANGAU .. .. .	2 No
VENDETTA .. .. .	2 No	MELVILLE .. .. .	4 No
DUCHESS .. .. .	2 No	LEEUWIN .. .. .	2 No
YARRA .. .. .	2 No	KUTTABUL .. .. .	2 No
PARRAMATTA .. .. .	2 No	KUTTABUL (for RAN	2 No
STUART .. .. .	2 No	Trials Assessing Unit)	
DERWENT .. .. .	2 No	GMGID (for Radio Centre)	4 No
SWAN .. .. .	2 No	GMWD .. .. .	4 No
TORRENS .. .. .	2 No		
ANZAC .. .. .	2 No		
MORESBY .. .. .	2 No		
DIAMANTINA .. .. .	1 No		
QUEENBOROUGH .. .. .	1 No		

(DSAP 519/69/298)

## UNCLASSIFIED

**280—Stores (General)—ABR 5074 RAN Catalogue of Stores**

1. Navy Order 154 of 1968 is to be amended as follows:

**Paragraph 1:**

*delete* existing paragraph and *insert* the following in lieu:

'Further to Navy Orders 279 and 463 of 1967 the covers, complete with spines, for the above publication are available on demand from SVSO REVY Jones Bay Road, Pyrmont, NSW 2009.'

2. The stock number referred to in Paragraph 1 of Navy Order 154 of 1968 has been cancelled and is no longer to be used.

(DSAP 465/52/1292)

(Navy Orders 279 and 463 of 1967 and 154 of 1968)

## UNCLASSIFIED

**281—Stores (General) (Group Class 1020)—Guns Over 125 mm to 150 mm—Change of Stock Numbers**

1. The Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
1020	00-024-7947	Spring, helical	5340	00-200-7797
1020	00-024-7959	Spring, helical	5340	00-200-7796
1020	00-024-7968	Pin, grooved, headless	5315	00-664-3459
1020	00-024-7978	Pin, grooved, headless	5315	00-200-8308
1020	00-024-7980	Key	5315	00-205-7170
1020	00-024-7981	Key, machine	5315	00-664-1718
1020	00-024-7982	Key, machine	5315	00-664-1719
1020	00-024-8107	Washer, key	5310	00-637-8094
1020	00-026-6518	Solenoid, elect	5945	00-643-6577
1020	00-210-0674	Spring, helical	5340	00-598-4775
1020	00-210-0778	Washer, key	5310	00-637-8095
1020	00-210-1383	Spring, helical	5340	00-597-8404
1020	00-210-1394	Spring, helical	5340	00-598-4754
1020	00-210-1395	Spring, helical	5340	00-201-0485
1020	00-210-1495	Spring, helical	5340	00-597-7616
1020	00-210-1512	Bolt, External	5306	00-514-7523
1020	00-210-2261	Spring, helical	5340	00-598-4794
1020	00-593-6801	Barrel, gun	1020	00-591-5150
1020	00-610-5282	Oil filter assy	1020	00-384-4567

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 400/70/118)

## UNCLASSIFIED

**282—Stores (General) (Group Class 5950)—Coils and Transformers—Change of Stock Numbers**

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5950	00-026-9531	Transformer, radio	5950	00-229-8663
5950	00-028-0137	Transformer, radio	5950	00-647-9349
5950	00-031-0535	Coil, radio frequency	5950	00-228-2464
5950	00-031-0536	Transformer radio	5950	00-229-8662
5950	00-031-0538	Transformer radio	5950	00-229-8661
5950	00-031-0541	Transformer radio	5950	00-229-9789
5950	00-031-0542	Transformer radio	5950	00-229-9785
5950	00-031-0543	Transformer radio	5950	00-224-4482
5950	00-031-0545	Transformer radio	5950	00-241-1790
5950	00-031-0547	Transformer radio	5950	00-230-8290
5950	00-031-0548	Transformer radio	5950	00-230-8278
5950	00-031-0549	Transformer radio	5950	00-229-9798
5950	00-031-0551	Transformer radio	5950	00-229-9794
5950	00-031-0553	Transformer radio	5950	00-230-8281
5950	00-031-0554	Transformer radio	5950	00-229-8685
5950	00-031-0555	Transformer radio	5950	00-229-9799
5950	00-031-0556	Transformer radio	5950	00-229-9786
5950	00-031-0557	Transformer radio	5950	00-229-9800
5950	00-031-1958	Reactor	5950	00-159-9740
5950	00-043-3980	Core, adjustable	5950	00-990-8368
5950	00-081-2249	Coil, radio frequency	5950	00-801-7672
5950	00-090-3200	Coil, radio frequency	5950	00-228-4813
5950	00-093-6148	Coil, radio frequency	5950	00-249-2561
5950	00-093-6149	Coil, radio frequency	5950	00-645-2563
5950	00-203-1287	Transformer, power	5935	00-203-1287
5950	00-210-4464	Transformer, power	5950	00-647-5732
5950	00-231-4752	Transformer, audio	5950	00-645-7691
5950	00-256-7575	Coil, radio frequency	5950	00-518-2173
5950	00-265-0971	Coil, radio frequency	5950	00-553-7278
5950	00-301-4510	Coil, radio frequency	5950	00-645-9222
5950	00-318-3902	Reactor	5950	00-647-8407
5950	00-322-4765	Coil, radio frequency	5950	00-645-4253
5950	00-324-1164	Transformer, radio	5950	00-699-3062
5950	00-331-0603	Transformer, power	5950	00-257-1649
5950	00-337-0856	Coil, relay	5950	00-645-9054
5950	00-337-0857	Coil, relay	5950	00-645-8619
5950	00-337-8293	Transformer, power	5950	00-647-7226
5950	00-341-2520	Coil, radio frequency	5950	00-228-7485
5950	00-341-2532	Reactor	5950	00-195-9807
5950	00-347-1467	Coil, radio frequency	5950	00-387-0489
5950	00-349-0641	Coil, radio frequency	5950	00-256-7601
5950	00-372-2469	Gasket	5330	00-244-0431
5950	00-383-2312	Heater, thermal	5999	00-383-2312
5950	00-387-1533	Coil, radio frequency	5950	00-648-1053
5950	00-392-2949	Coil, relay	5950	00-232-4724

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5950	00-392-6481	Transformer, radio .. ..	5950	00-645-3042
5950	00-393-1544	Coil, radio frequency .. ..	5950	00-648-0959
5950	00-447-9914	Radio frequency .. ..	5820	00-822-9743
5950	00-447-9922	Radio frequency .. ..	5820	00-822-9749
5950	00-447-9923	Radio frequency .. ..	5820	00-822-9747
5950	00-447-9924	Radio frequency .. ..	5820	00-822-9746
5950	00-447-9925	Radio frequency .. ..	5820	00-822-9745
5950	00-447-9926	Radio frequency .. ..	5820	00-822-9744
5950	00-447-9929	Radio frequency .. ..	5820	00-822-9742
5950	00-447-9932	Radio frequency .. ..	5820	00-822-9739
5950	00-447-9933	Radio frequency .. ..	5820	00-822-9738
5950	00-447-9934	Radio frequency .. ..	5820	00-822-9748
5950	00-447-9936	Radio frequency .. ..	5820	00-822-9741
5950	00-448-5992	Coil, radio frequency .. ..	5950	00-688-3085
5950	00-474-2391	Coil, radio frequency .. ..	5950	00-815-1057
5950	00-474-2427	Coil, radio frequency .. ..	5950	00-815-1057
5950	00-506-9573	Transformer, audio .. ..	5950	00-648-5745
5950	00-506-9574	Transformer, audio .. ..	5950	00-648-5748
5950	00-508-1922	Transformer, audio .. ..	5950	00-033-5667
5950	00-508-6557	Contact, electric .. ..	6110	00-500-8813
5950	00-509-1245	Transformer .. ..	5950	00-250-7540
5950	00-509-9034	Transformer, audio .. ..	5950	00-647-6006
5950	00-510-4628	Transformer, power .. ..	5950	00-645-5610
5950	00-510-5245	Coil, relay .. ..	5950	00-645-8787
5950	00-519-9178	Coil, radio frequency .. ..	5950	00-826-0179
5950	00-520-5076	Electrical relay .. ..	5945	00-557-9472
5950	00-521-7993	Coil .. ..	5950	00-645-4806
5950	00-521-8247	Transformer .. ..	5950	00-590-2288
5950	00-532-3723	Coil, radio frequency .. ..	5950	00-645-6060
5950	00-538-5321	Transformer power .. ..	5950	00-253-4093
5950	00-542-9797	Coil, radio frequency .. ..	5950	00-578-2815
5950	00-545-7799	Transformer, intermediate .. ..	5950	00-647-8096
5950	00-546-5204	Transformer, audio .. ..	5950	00-645-0776
5950	00-546-6634	Coil, radio frequency .. ..	5950	00-645-8301
5950	00-547-8258	Line section .. ..	5985	00-234-2505
5950	00-556-0525	Transformer power .. ..	5950	00-553-5694
5950	00-556-2664	Coil, radio frequency .. ..	5950	00-224-4414
5950	00-561-6364	Coil, radio frequency .. ..	5950	00-647-9291
5950	00-563-5742	Coil, relay .. ..	5950	00-648-4134
5950	00-570-6507	Coil, relay .. ..	5950	00-648-4213
5950	00-581-5595	Transformer, power .. ..	5950	00-648-3980
5950	00-581-5601	Transformer, power .. ..	5950	00-519-6869
5950	00-581-8664	Transformer .. ..	5950	00-538-3860
5950	00-581-9419	Coil, relay .. ..	5950	00-538-4045
5950	00-583-7013	Terminal, lug .. ..	5940	00-501-7531
5950	00-587-6098	Transformer, power .. ..	5950	00-566-0063
5950	00-591-4891	Transformer, radio .. ..	5950	00-537-4983
5950	00-604-0248	Transformer, power .. ..	5950	00-557-6274
5950	00-607-3281	Coil, relay .. ..	5950	00-645-7893
5950	00-612-6566	Coil, radio frequency .. ..	5950	00-538-1142
5950	00-615-4436	Transformer, power .. ..	5950	00-578-1572

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5950	00-617-1069	Coil, radio frequency .. ..	5950	00-679-9346
5950	00-621-9830	Coil, radio frequency .. ..	5950	00-645-6506
5950	00-627-0572	Coil, radio frequency .. ..	5950	00-645-6509
5950	00-630-1496	Transformer, audio .. ..	5950	00-645-7766
5950	00-631-9560	Transformer, radio .. ..	5950	00-578-1933
5950	00-632-6835	Coil, radio frequency .. ..	5950	00-645-0358
5950	00-645-0892	Transformer, power .. ..	5950	00-193-8599
5950	00-645-2058	Coil, solenoid .. ..	5950	00-645-6063
5950	00-645-6974	Transformer, power .. ..	5950	00-686-7722
5950	00-645-8398	Transformer, power .. ..	5950	00-245-0882
5950	00-645-8426	Transformer, power .. ..	5950	00-615-9575
5950	00-646-0691	Coil, radio frequency .. ..	5950	00-295-8390
5950	00-646-3102	Transformer, audio .. ..	5950	00-647-7689
5950	00-647-5097	Transformer, power .. ..	5950	00-280-5592
5950	00-647-5445	Transformer, power .. ..	5950	00-648-4549
5950	00-647-5776	Transformer, power .. ..	5950	00-545-7726
5950	00-647-6377	Reactor .. ..	5950	00-645-5865
5950	00-647-7566	Transformer, intermediate .. ..	5950	00-647-8588
5950	00-647-8244	Transformer, intermediate .. ..	5950	00-648-1962
5950	00-647-8402	Core, adjustable tun .. ..	5950	00-645-4590
5950	00-647-8488	Transformer .. ..	5950	00-567-2579
5950	00-648-1493	Transformer, power .. ..	5950	00-284-5680
5950	00-648-1785	Transformer, power .. ..	5950	00-647-7899
5950	00-648-1938	Transformer, intermediate .. ..	5950	00-645-2283
5950	00-648-3080	Coil, radio frequency .. ..	5950	00-645-2528
5950	00-648-3183	Coil, radio frequency .. ..	5950	00-228-4871
5950	00-648-4399	Coil, radio frequency .. ..	5950	00-645-2526
5950	00-648-6267	Transformer, radio .. ..	5950	00-822-8234
5950	00-648-6735	Transformer, power .. ..	5950	00-893-7045
5950	00-649-8350	Transformer, power .. ..	5950	00-572-5892
5950	00-653-2578	Transformer, power .. ..	5950	00-244-5538
5950	00-658-1296	Reactor .. ..	5950	00-645-1418
5950	00-672-2616	Coil, radio frequency .. ..	5950	00-681-2110
5950	00-677-1792	Transformer, audio .. ..	5950	00-548-4827
5950	00-678-5469	Coil, radio frequency .. ..	5950	00-754-6944
5950	00-678-7134	Coil, radio frequency .. ..	5950	00-645-9280
5950	00-679-1128	Reactor .. ..	5950	00-578-8978
5950	00-679-9353	Transformer .. ..	5950	00-617-8694
5950	00-679-9354	Transformer .. ..	5950	00-617-8695
5950	00-678-9355	Transformer .. ..	5950	00-617-8693
5950	00-679-9469	Transformer, audio .. ..	5950	00-615-0727
5950	00-679-9480	Transformer, audio .. ..	5950	00-583-0999
5950	00-683-1944	Coil, radio frequency .. ..	5950	00-686-2821
5950	00-683-7479	Transformer, power .. ..	5950	00-691-0625
5950	00-688-5721	Transformer .. ..	5950	00-688-2881
5950	00-698-6204	Coil, radio frequency .. ..	5950	00-228-8720
5950	00-699-2826	Reactor .. ..	5950	00-645-9785
5950	00-699-3046	Coil, radio frequency .. ..	5950	00-556-2662
5950	00-722-0145	Coil, radio frequency .. ..	5950	00-581-9423
5950	00-723-0839	Coil, radio frequency .. ..	5950	00-715-0839
5950	00-740-8274	Transformer, audio .. ..	5950	00-892-8040

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5950	00-812-4422	Coil, radio frequency	5950	00-845-6927
5950	00-754-6571	Coil, radio frequency	5950	00-542-8549
5950	00-769-1109	Transformer, radio	5950	00-726-8732
5950	00-774-5164	Form, coil	5950	00-583-0924
5950	00-775-2614	Coil, radio frequency	5950	00-833-8283
5950	00-790-4888	Coil, radio frequency	5950	00-824-7049
5950	00-791-7212	Coil, radio frequency	5950	00-702-7918
5950	00-791-7220	Coil, radio frequency	5950	00-657-3433
5950	00-791-7225	Transformer, radio	5950	00-710-0304
5950	00-794-3453	Transformer, power	5950	00-989-0972
5950	00-794-3478	Suppressor, par	5915	00-983-9133
5950	00-794-3731	Coil, radio frequency	5950	00-815-7307
5950	00-797-8775	Coil, radio frequency	5950	00-833-2643
5950	00-799-3679	Transformer, radio	5950	00-798-5627
5950	00-802-0912	Coil, radio frequency	5950	00-686-6095
5950	00-802-6501	Transformer, power	5950	00-647-8287
5950	00-806-8829	Transformer, audio	5950	00-556-0198
5950	00-806-8844	Coil, radio frequency	5950	00-798-5731
5950	00-816-5494	Transformer, power	5950	00-594-0464
5950	00-816-6604	Transformer, power	5950	00-594-0463
5950	00-822-7702	Coil, radio frequency	5950	00-715-6371
5950	00-829-5364	Attenuator	5985	00-829-5364
5950	00-833-7710	Coil, radio frequency	5950	00-819-1990
5950	00-843-5043	Coil, radio frequency	5950	00-893-0434
5950	00-852-5166	Coil, radio frequency	5950	00-543-9367
5950	00-864-8508	Transformer, audio	5950	00-645-0737
5950	00-887-9871	Coil, radio frequency	5950	00-835-3027
5950	00-897-5386	Transformer, radio	5950	00-710-0306

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/62/151)

#### UNCLASSIFIED

#### 283—Stores (General) (Group Class 6220)—Electric Vehicular Lights and Fixtures—Change of Stock Numbers

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
6220	00-012-7934	Lamp, incandescent	6240	00-012-7934
6220	00-054-8344	Light, indicator	6210	00-054-8344
6220	00-067-8060	Light, indicator	6210	00-067-8060
6220	00-226-9259	Light, panel	6210	00-226-9259
6220	00-226-9264	Light, panel	6210	00-226-9264
6220	00-284-0289	Light, indicator	6210	00-284-0289

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
6220	00-284-0715	Light, panel	6210	00-284-0715
6220	00-284-1466	Light, indicator	6210	00-542-6393
6220	00-295-0897	Light, panel	6210	00-295-0897
6220	00-295-1729	Light, panel	6210	00-295-1729
6220	00-390-6216	Lens, indicator	6210	00-299-3883
6220	00-512-6739	Light, panel	6220	00-643-0418
6220	00-513-2583	Light, indicator	6210	00-513-2583
6220	00-519-0448	Light, indicator	6210	00-519-0448
6220	00-519-2653	Light, panel	6210	00-519-2653
6220	00-536-9804	Lamp, incandescent	6240	00-012-7934
6220	00-553-1076	Light, indicator	6210	00-553-1076
6220	00-578-6803	Light, panel	6210	00-578-6803
6220	00-578-7496	Light, indicator	6210	00-519-0448
6220	00-583-9163	Light, indicator	6210	00-583-9163
6220	00-583-9349	Light, indicator	6210	00-583-9349
6220	00-583-9790	Lens, indicator	6210	00-583-9790
6220	00-583-9791	Lens, indicator	6210	00-583-9791
6220	00-583-9792	Lens, indicator	6210	00-583-9792
6220	00-617-0009	Lens, indicator	6210	00-617-0009
6220	00-617-0010	Lens, indicator	6210	00-617-0010
6220	00-617-1775	Light, indicator	6210	00-617-1775
6220	00-617-1947	Light, indicator	6210	00-284-0289
6220	00-625-7156	Light, indicator	6210	00-553-0521
6220	00-635-1302	Light, panel	6210	00-635-1302
6220	00-643-0418	Light, panel	6210	00-643-0418
6220	00-655-2925	Light, panel	6210	00-655-2925
6220	00-669-6174	Light, panel	6210	00-669-6174
6220	00-672-0383	Light, panel	6210	00-672-0383
6220	00-682-9833	Light, indicator	6210	00-682-9833
6220	00-683-1119	Light, indicator	6210	00-683-1119
6220	00-686-5314	Lens, indicator	6210	00-686-5314
6220	00-688-5088	Light, indicator	6210	00-688-5088
6220	00-688-5328	Light, indicator	6210	00-688-5328
6220	00-688-5329	Light, indicator	6210	00-688-5329
6220	00-702-3464	Light, panel	6210	00-702-3464
6220	00-703-6833	Light, panel	6210	00-703-6833
6220	00-706-2326	Light, landing aircraft	6220	00-075-1989
6220	00-728-1535	Light, indicator	6210	00-728-1535
6220	00-728-1536	Light, indicator	6210	00-728-1536
6220	00-728-2352	Light, indicator	6210	00-728-2352
6220	00-729-8509	Light, indicator	6210	00-729-8509
6220	00-729-9122	Lens, indicator	6210	00-729-9122
6220	00-729-9123	Lens, indicator	6210	00-729-9123
6220	00-729-9145	Light, indicator	6210	00-729-9145
6220	00-729-9146	Light, indicator	6210	00-729-9146
6220	00-729-9147	Light, indicator	6210	00-729-9147
6220	00-781-2082	Light, indicator	6210	00-781-2082
6220	00-800-1626	Lens, indicator	6210	00-800-1626
6220	00-800-1627	Lens, indicator	6210	00-800-1627
6220	00-805-4104	Light, indicator	6210	00-805-4104
6220	00-821-4000	Light, indicator	6210	00-821-4000

<i>Old Stock No</i>			<i>New Stock No</i>		
<i>Group</i>	<i>Catalogue</i>	<i>Item Name</i>	<i>Group</i>	<i>Catalogue</i>	
<i>Class</i>	<i>Number</i>		<i>Class</i>	<i>Number</i>	
6220	00-836-1090	Lens, indicator .. .. .	6210	00-836-1090	
6220	00-840-7534	Light, indicator .. .. .	6210	00-840-7534	
6220	00-870-2664	Light, indicator .. .. .	6210	00-870-2664	
6220	00-879-9188	Lens, indicator .. .. .	6210	00-879-9188	
6220	00-879-9189	Lens, indicator .. .. .	6210	00-879-9189	
6220	00-879-9190	Lens, indicator .. .. .	6210	00-879-9190	
6220	00-879-9191	Lens, indicator .. .. .	6210	00-879-9191	
6220	00-879-9277	Lens, indicator .. .. .	6210	00-879-9277	
6220	00-902-9268	Light, indicator .. .. .	6210	00-902-9268	
6220	00-902-9289	Light, indicator .. .. .	6210	00-902-9289	
6220	00-965-8464	Light, indicator .. .. .	6210	00-965-8464	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/75/163)

### Section 5

#### BOOKS, CORRESPONDENCE, FORMS AND STATIONERY

##### UNCLASSIFIED

#### 284—Lists of Equipment, Etc—Form AD 787D/AS 473D— Certificate B

1. Form AD 787D/AS 473D—Certificate B, is no longer required for the List of Equipment, etc, for the Weapons Radio Engineer Officer or, where the lists have not been combined, the Ordnance Engineers List and the Electrical Officers (Part II) List.

2. On change of Store Accounting Officers responsible for the abovementioned Lists of Equipment, etc, a percentage stocktaking of spare gear, etc, is to be carried out by the incoming officer sufficient to satisfy himself that the state of stocks and accounts is satisfactory. In addition, within three months of taking over charge, the Store Accounting Officer is to forward to the Captain a manuscript certificate detailing the percentage of items mustered since assuming charge and advising details of the take-over of the account. The format of this certificate should conform to the specimen shown in ABR 4, Appendix 17.

3. Form AD 787D/AS 473D—Certificate B is now obsolete.

(DSAP 464/55/131)

Account		Balance		Debit		Credit	
No.	Description	No.	Description	No.	Description	No.	Description
1000	...	1000	...	1000	...	1000	...
1001	...	1001	...	1001	...	1001	...
1002	...	1002	...	1002	...	1002	...
1003	...	1003	...	1003	...	1003	...
1004	...	1004	...	1004	...	1004	...
1005	...	1005	...	1005	...	1005	...
1006	...	1006	...	1006	...	1006	...
1007	...	1007	...	1007	...	1007	...
1008	...	1008	...	1008	...	1008	...
1009	...	1009	...	1009	...	1009	...
1010	...	1010	...	1010	...	1010	...

The above is a list of the accounts and balances as shown on the ...

It will be seen that the ...

Section 2

THE ...

...

The ...

...

...





# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
17 June 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*P. Handau.*

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

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295	Stores (General) (Group Class 5810)—Communications Security Equipment and Components—Change of Stock Numbers.
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## Section 2 PERSONNEL

### UNCLASSIFIED

#### 285—Re-engagement of Sailors of the Permanent Naval Forces

1. In recent years a significant emphasis has been placed on training, both ashore and afloat, with the aim of overcoming shortages of trained men in the minimum practical period and with a view to reducing posting turbulence and stabilising complements of both ships and shore establishments. The results of this training effort are now beginning to have the desired effect of producing considerable numbers of sailors qualified for promotion to higher rank.

2. Having noted the present and forecast manning situation and recognising the need to give keen well-qualified young men reasonable chances of promotion, the Naval Board have decided that stricter adherence is necessary to existing instructions regarding re-engagement applications and approvals, which have not been rigidly enforced for some time because of shortages. Non-compliance with instructions in future must result in initial unfavourable consideration of an application which otherwise may have been viewed favourably. Attention is drawn to current Navy Orders and RI Article 0825, in particular to those sections which require that:

- a. applications reach Navy Office at least six months prior to expiration of current engagement; applications for courses excepted;
- b. applications by signal are only to be made in urgent cases; and
- c. AF Med 1 is to be forwarded immediately to MDG on completion of re-engagement medical.

3. Notwithstanding continuing but reducing shortages in individual categories, Captains are to give careful consideration to all applications for re-engagement and should not normally recommend any sailor who does not display the required standard of zeal, energy and ability in the performance of his duties. A Captains recommendation should be consistent with the information on Form PP1.

4. Re-engagement is subject to Naval Board approval and is not automatic for any sailor for any reason, eg, by virtue of his seniority. It is not only dependent upon the recommendation of the Captain based on efficient and enthusiastic performance of duty by the sailor concerned, but on the requirements of the Service and on an examination of service records at Navy Office.

5. In order to enhance further the promotion prospects of the zealous young man in the Service, the Naval Board have decided to limit approvals of applications for re-engagement of personnel who have qualified for pension to those required to meet the needs of the Service. Each application will be considered on its merits and due emphasis given to the sailors previous performance, any special qualifications, and Service requirements.

6. Categories most affected initially by the provisions of Paragraph 5 are:

- Aircraft Mechanician Airframes Engines,
- Aircraft Handler,
- Meteorological Observer,
- Aircraft Mechanician Weapons,
- Electrical Mechanic Air Weapons,
- Engineering Mechanic,
- Writer,

Stores,  
Regulating,  
Cook,  
Steward,  
Sick Berth.

7. Navy Order 123 of 1968 promulgated the Naval Boards policy which encourages sailors who have qualified for pension to enlist in the RAFR and to continue to serve full-time in a PNF billet to meet Service requirements. Service in these billets does not affect promotion of PNF sailors and no change is contemplated in present policy of such Service.

8. The provisions of Paragraphs 2 to 5 above will take effect from 1 November 1968. Captains are to ensure that the contents are drawn to the attention of Divisional Officers whose duty it is to advise and explain relevant conditions of Service to the personnel concerned.

9. This order will be reprinted for posting on notice boards.

(DMT 307/4/6)

(Navy Order 123 of 1968)

#### Section 4

### EQUIPMENT, STORES AND SERVICING

UNCLASSIFIED

#### 286—Guided Weapons—Seacat—Care in Handling Canister Bases

(DCI (RN) 1301/1967)

1. *HMA ships concerned* .. .. All fitted with Seacat Guided Weapon System.
2. *Items concerned* .. .. Missile canister bases.
3. *Information* .. ..
  - a. Investigation into excessive damage to the spigot can of a number of canister bases has revealed the probable cause to be mishandling of the missile at either the launcher, pallet or magazine stowage position.
  - b. The body of the can in each case was found to be punctured and torn due to the torque spigot and the spigot can, not having been correctly aligned.
  - c. This type of damage is difficult and expensive to repair, involving almost a complete strip down and replacement of damaged parts.
4. *Action to be taken* .. .. During loading, handling, crating, etc, care is to be taken to ensure that the canister base is correctly aligned before being offered to the spigot.

(DAS 740/54/14)

UNCLASSIFIED

#### 287—Stores (General) (Group Class 1650)—Aircraft Hydraulic, Vacuum and De-icing Components—Change of Stock Numbers

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
1650	00-028-1190	Resistor unit, fluid .. ..	4730	00-028-1190
1650	00-028-1191	Resistor unit, fluid .. ..	4730	00-028-1191
1650	00-028-1192	Resistor unit, fluid .. ..	4730	00-028-1192
1650	00-070-7350	Stud, stepped .. ..	5307	00-070-7350
1650	00-071-4160	Shaft .. ..	1680	00-071-4160
1650	00-071-4161	Plate .. ..	1680	00-071-4161
1650	00-071-4171	Housing, clutch .. ..	1680	00-071-4171
1650	00-098-2143	Bolt, fluid passage .. ..	5340	00-098-2143
1650	00-167-2595	Packing, preformed .. ..	5330	00-167-2595
1650	00-167-2597	Packing, preformed .. ..	5330	00-167-2597
1650	00-219-1536	Clevis, rod end .. ..	5340	00-219-1536
1650	00-219-2847	Bearing .. ..	1650	66-027-3990
1650	00-225-5619	Clamp cover .. ..	6615	00-225-5619
1650	00-225-5620	Pole piece, valve .. ..	6615	00-225-5620
1650	00-225-5621	Frame and magnet .. ..	6615	00-225-5621
1650	00-225-5623	Plug metallic .. ..	6615	00-225-5623
1650	00-225-5624	Plug metallic .. ..	6615	00-225-5624
1650	00-225-5625	Plug orifice valve .. ..	6615	00-225-5625
1650	00-252-2357	Packing, preformed .. ..	2805	00-737-5207
1650	00-338-4136	Shaft assy .. ..	1680	00-338-4136
1650	00-339-2078	Seal, socket .. ..	1680	00-339-2078
1650	00-373-5345	Grip, handle .. ..	5340	00-373-5345
1650	00-373-5407	Bolt, special .. ..	5306	00-373-5407
1650	00-373-7747	Clevis, rod end .. ..	5340	00-373-7747
1650	00-373-7765	Pan, drip, tank .. ..	1560	00-373-7765
1650	00-438-7180	Bolt, fluid passage .. ..	4730	00-438-7180
1650	00-438-6345	Washer .. ..	5310	00-209-2687
1650	00-440-6542	Parts kit valve .. ..	2915	00-440-6542
1650	00-445-9008	Hose assy .. ..	4720	00-445-9008
1650	00-445-9009	Shaft, output .. ..	1680	00-445-9009
1650	00-445-9011	Pack assy .. ..	1680	00-445-9011
1650	00-445-9012	Shaft, output .. ..	1680	00-445-9012
1650	00-475-7578	Flange .. ..	1680	00-475-7578
1650	00-475-7579	Shaft male .. ..	1680	00-475-7579
1650	00-510-1188	Restrictor unit .. ..	4730	00-510-1188
1650	00-522-8967	Packing preformed .. ..	5330	00-522-8967
1650	00-524-8500	Restrictor unit .. ..	4730	00-524-8500
1650	00-526-3464	Spring .. ..	1650	00-243-4342
1650	00-526-8404	Packing, preformed .. ..	5330	00-526-8404
1650	00-526-8449	Packing, preformed .. ..	5330	00-526-8449
1650	00-526-8544	Packing, preformed .. ..	5330	00-804-5695
1650	00-535-2052	Valve assy .. ..	1650	00-373-8130
1650	00-544-4814	Packing, preformed .. ..	5330	00-544-4814
1650	00-555-3443	Filter .. ..	1650	00-497-7292
1650	00-599-6552	Packing, preformed .. ..	5330	00-599-6552

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
1650	00-599-6555	Packing, preformed .. ..	5330	00-599-6555
1650	00-612-1560	Filter element .. ..	1650	00-516-4512
1650	00-618-0278	Packing, preformed .. ..	5330	00-618-0278
1650	00-618-0280	Packing, preformed .. ..	5330	00-618-0280
1650	00-618-0819	Packing, preformed .. ..	5330	00-618-0819
1650	00-618-0820	Packing, preformed .. ..	5330	00-599-2889
1650	00-618-0979	Bearing plain spher .. ..	1680	00-618-0979
1650	00-618-2765	Packing, preformed .. ..	5330	00-171-8270
1650	00-618-2774	Packing, preformed .. ..	5330	00-171-8262
1650	00-618-3320	Packing, preformed .. ..	5330	00-618-3320
1650	00-618-3334	Packing, preformed .. ..	5330	00-446-0841
1650	00-618-3336	Packing, preformed .. ..	5330	00-599-2919
1650	00-618-3737	Packing, preformed .. ..	5330	00-618-3737
1650	00-618-3742	Packing, preformed .. ..	5330	00-576-9925
1650	00-633-2696	Strainer .. ..	4730	00-585-2360
1650	00-652-1758	Ring, clutch pressure .. ..	1680	00-652-1758
1650	00-652-1759	Ring, split .. ..	1680	00-652-1759
1650	00-652-1761	Coupling drive .. ..	1680	00-652-1761
1650	00-652-1762	Pack assy diaphragm .. ..	1680	00-652-1762
1650	00-652-2712	Shaft, output .. ..	1680	00-652-2712
1650	00-652-2715	Pack assy clutch .. ..	1680	00-652-2715
1650	00-652-9109	Nut, lock .. ..	1680	00-652-9109
1650	00-656-7503	Insert, port .. ..	2995	00-656-7503
1650	00-656-9890	Bearing shield .. ..	1680	00-656-9890
1650	00-700-3723	Seal, socke .. ..	1680	00-700-3723
1650	00-700-3724	Socket assy .. ..	1680	00-700-3724
1650	00-700-5382	Plug, machine thread .. ..	4730	00-700-5382
1650	00-719-4917	Motor, hydraulic wiper .. ..	1680	00-719-4917
1650	00-719-7001	Pole piece, magnet .. ..	5999	00-719-7001
1650	00-719-7002	Resistor, fluid flow .. ..	4730	00-719-7002
1650	00-719-7004	Resistor, fluid flow .. ..	4730	00-719-7004
1650	00-719-7005	Resistor, fluid flow .. ..	4730	00-719-7005
1650	00-719-7006	Resistor, fluid flow .. ..	4730	00-719-7006
1650	00-719-7007	Resistor, fluid flow .. ..	4730	00-719-7007
1650	00-719-7009	Connector, receptacae .. ..	5935	00-719-7009
1650	00-724-0176	Actuator, hydraulic .. ..	1650	00-619-7088
1650	00-739-7054	Bearing .. ..	3110	00-155-9640
1650	00-739-8012	Connector, receptacae .. ..	5935	00-739-8012
1650	00-740-3731	Bracket assy .. ..	1560	00-740-3731
1650	00-761-9391	Seal, plain, encased .. ..	5330	00-761-9397
1650	00-785-5423	Ring, retainer, bearing .. ..	1680	00-785-5423
1650	00-785-5425	Flange, output .. ..	1680	00-785-5425
1650	00-785-5426	Flange, input .. ..	1680	00-785-5426
1650	00-785-6753	Parts kit, actuator .. ..	1680	00-785-6753
1650	00-785-6754	Parts kit, actuator .. ..	1680	00-785-6754
1650	00-796-4925	Cover assy .. ..	1680	00-796-4925
1650	00-796-9938	Clamp assy, engine .. ..	2990	00-796-9938
1650	00-992-0962	Header assy .. ..	1560	00-992-0962

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

(DSAP 603/56/1493)

## UNCLASSIFIED

### 288—Stores (General) (Group Class 1680)—Miscellaneous Aircraft Accessories and Components—Change of Stock Numbers

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
1680	00-056-4868	Transmission assy .. ..	1615	00-056-4868
1680	00-277-2302	Control assy .. ..	2995	00-277-2302
1680	00-373-7507	Switch plate assy .. ..	2915	00-373-7507
1680	00-510-3029	Ring, stop, actuator .. ..	2915	00-510-3029
1680	00-547-0771	Housing actuator .. ..	1650	00-547-0771
1680	00-558-8421	Spring, helical, compression .. ..	6115	00-558-8421
1680	00-614-4475	Ring, retaining .. ..	5340	00-614-4475
1680	00-656-4688	Gear assy, spur .. ..	2915	00-656-4688
1680	00-657-3580	Gear, ring, actuator .. ..	2915	00-657-3580
1680	00-658-2009	Shaft actuator .. ..	2915	00-658-2009
1680	00-681-9797	Shim set .. ..	6105	00-089-1589
1680	00-702-2395	Bushing, sleeve .. ..	6115	00-702-2395
1680	00-753-9415	Tube, fluid, feed .. ..	1650	00-753-9415
1680	00-784-7266	Set screw .. ..	5305	00-784-7266
1680	00-794-5869	Cover, control .. ..	6340	00-794-5869
1680	00-892-0932	Insulation sleeving .. ..	5970	00-892-0932

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

(DSAP 607/51/74)

## UNCLASSIFIED

### 289—Stores (General) (Group Class 1720)—Aircraft Launching Equipment—Change of Stock Numbers

1. The Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
1720	00-375-4502	Contact, electrical .. ..	5925	00-258-2670
1720	00-566-0911	Switch, push .. ..	5930	00-636-2905
1720	00-566-0914	Coil, relay .. ..	5950	00-224-2009
1720	00-566-1426	Contact, electrical .. ..	5945	00-202-0788
1720	00-566-1429	Coil, relay .. ..	5950	00-645-4300
1720	00-566-1431	Contact, electrical .. ..	5945	00-028-6790
1720	00-566-1432	Contact, electrical .. ..	5945	00-258-3720
1720	00-566-1450	Spring, helical .. ..	6110	00-263-6711
1720	00-586-1745	Contact, electrical .. ..	5945	00-257-5752
1720	00-629-7460	Spring, helical .. ..	5930	00-369-0335
1720	00-629-7461	Spring, helical .. ..	5930	00-209-7719

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

(DSAP 1117/51/150)

## UNCLASSIFIED

**290—Stores (General) (Group Class 2810)—Gasoline Reciprocating Engines, Aircraft and Components—Change of Stock Numbers**

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
2810	00-015-1486	Isolation amplifier .. ..	5841	00-015-1486
2810	00-048-8739	Connector rock .. ..	2810	00-217-3671
2810	00-058-3599	Washer, lock .. ..	5310	00-058-3599
2810	00-078-9905	Fixture lighting .. ..	6210	00-078-9905
2810	00-258-2844	Connector, plug electrical .. ..	5935	00-258-2844
2810	00-303-9397	Gasket .. ..	1560	00-765-9629
2810	00-306-5893	Cover and plug .. ..	2810	00-210-5460
2810	00-322-4202	Bracket assy .. ..	6125	00-322-4202
2810	00-343-9303	Screw, cover puller .. ..	2945	00-343-9303
2810	00-479-1104	Insert, screw thread .. ..	5340	00-479-1104
2810	00-512-9971	Cover .. ..	2810	00-210-5461
2810	00-524-5512	Ring .. ..	2805	00-524-5512
2810	00-580-8503	Collar shaft .. ..	6605	00-580-8503
2810	00-599-8777	Eyelet, turnlock .. ..	5325	00-599-8777
2810	00-652-6976	Detector magnetic clip .. ..	4730	00-768-4703
2810	00-687-7738	Washer, flat .. ..	5310	00-687-7738
2810	00-688-1591	Screw, machine .. ..	5305	00-688-1591
2810	00-688-1592	Screw, machine .. ..	5305	00-688-1592
2810	00-704-4439	Board, printed, circuit .. ..	5999	00-704-4439
2810	00-718-4844	Seal, plain, encased .. ..	5330	00-718-4844
2810	00-722-0101	Packing, preformed .. ..	5330	00-722-0101
2810	00-722-0103	Packing, preformed .. ..	5330	00-722-0103
2810	00-722-5944	Insulator, washer .. ..	5970	00-722-5944
2810	00-723-6422	Actuator .. ..	5845	00-723-6422
2810	00-724-3593	Bolt .. ..	5306	00-724-3593
2810	00-730-3971	Amplifier .. ..	5845	00-730-3971
2810	00-730-0511	Counter, rotating .. ..	6680	00-730-0511
2810	00-990-8713	Synchro transmitter .. ..	5990	00-990-8713
2810	00-990-8939	Synchro control transformer .. ..	5990	00-990-8939
2810	00-990-8940	Resolver, electrical .. ..	5990	00-990-8940
2810	00-991-2392	Cam and gear assy .. ..	5845	00-991-2392
2810	00-991-7465	Panel assy .. ..	5841	00-991-7465
2810	00-991-7466	Booster, amplifier .. ..	5841	00-991-7466
2810	00-991-7468	Gear, bevel .. ..	5841	00-991-7468
2810	00-991-7469	Gear, bevel .. ..	5841	00-991-7469
2810	00-991-7470	Coupling, gear face .. ..	5841	00-991-7470

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

(DSAP 611/51/67)

## UNCLASSIFIED

**291—Stores (General) (Group Class 2915)—Engine Fuel System Components, Aircraft—Change of Stock Numbers**

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
2915	00-032-8169	Valve assy .. ..	2915	00-540-1037
2915	00-048-6426	Spacer ring .. ..	5310	00-205-9621
2915	00-097-0321	Cock, poppet .. ..	1650	00-203-6321
2915	00-307-5096	Jet carburettor .. ..	2915	00-485-0552
2915	00-307-5177	Lever assy .. ..	2915	00-620-2140
2915	00-442-5402	Pin groove .. ..	5315	00-618-5727
2915	00-517-0116	Bushing .. ..	2915	00-328-1224
2915	00-517-0132	Bushing .. ..	2915	00-524-4452
2915	00-521-6631	Strainer fuel .. ..	2915	00-294-1165
2915	00-599-9161	Gasket .. ..	1650	00-599-9161
2915	00-641-0552	Packing preformed .. ..	5330	00-582-7475
2915	00-700-4497	Parts kit, valve overhaul .. ..	2995	00-700-4497
2915	00-704-0658	Beam fulcrum .. ..	1040	00-704-0658
2915	00-619-6744	Parts kit valve .. ..	2915	00-970-1778
2915	00-737-9125	Parts kit valve .. ..	2915	00-066-9602
2915	00-767-3671	Bracket, fuel pressure .. ..	2840	00-767-3671
2915	00-775-7843	Pump, aircraft .. ..	2915	00-996-2169
2915	00-860-2708	Control armature .. ..	7740	00-860-2708
2915	00-977-1047	Bearing, fuel control .. ..	2915	00-618-9205
2915	00-992-2240	Chassis assy .. ..	6685	00-992-2240

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 611/51/66)

## UNCLASSIFIED

**292—Stores (General) (Group Class 2930)—Engine Cooling System Components, Non-aircraft—Change of Stock Numbers**

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
2930	00-098-5832	Cap, radiator .. ..	2930	00-426-0915
2930	00-294-2273	Cap, radiator .. ..	2930	00-141-9303
2930	00-337-6752	Plug, tube repair .. ..	4730	00-289-0593
2930	00-359-4171	Packing, preformed .. ..	5330	00-196-5382
2930	00-364-7065	Cap, radiator .. ..	2930	00-293-5945

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 459/61/121)

## UNCLASSIFIED

**293—Stores (General) (Group Class 2990)—Miscellaneous Engine Accessories, Non-aircraft—Change of Stock Numbers**

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
2990	00-322-1259	Spring brake .. ..	2990	00-414-2487
2990	00-346-9009	Spring, helical compression .. ..	5340	00-414-2482
2990	00-361-5432	Spring, helical torsion .. ..	2990	00-664-2854
2990	00-361-5434	Spring, helical compression .. ..	2990	00-346-9010
2990	00-361-5435	Spring, helical extension .. ..	2990	00-664-7455
2990	00-371-3391	Gasket .. ..	2990	00-414-2475
2990	00-414-2482	Spring, helical compression .. ..	2990	00-209-8732
2990	00-414-2486	Spring, helical compression .. ..	2990	00-662-9925
2990	00-447-4379	Spring, helical compression .. ..	2990	00-664-2992
2990	00-572-1350	Spindle .. ..	2805	00-353-1665
2990	00-572-1352	Spring, flat steel .. ..	2990	00-353-1804
2990	00-627-3483	Ball bearing .. ..	3110	00-100-6188
2990	00-650-7169	Seat spring .. ..	2990	00-365-8515
2990	00-695-2780	Plunger accumulator .. ..	2990	00-365-8494

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 459/61/120)

## UNCLASSIFIED

**294—Stores (General) (Group Class 4450)—Industrial Fan and Blower Equipment—Change of Stock Numbers**

1. The Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
4450	00-086-9126	Fan, centrifugal .. ..	4140	00-086-9126
4450	00-086-9356	Blower .. ..	4140	00-086-9356
4450	00-202-9481	Fan, centrifugal .. ..	4140	00-202-9481
4450	00-203-0812	Rod, piston .. ..	4140	00-203-0812
4450	00-203-3548	Impeller, fan, centrifugal .. ..	4140	00-203-3548
4450	00-267-0967	Fan, vaneaxial .. ..	4140	00-267-0967
4450	00-267-8117	Impeller, fan centrifugal .. ..	4450	00-279-0509
4450	00-289-5961	Fan, centrifugal .. ..	4140	00-289-5961
4450	00-289-8783	Fan, vaneaxial .. ..	4140	00-289-8783
4450	00-289-8791	Fan, vaneaxial .. ..	4140	00-289-8791
4450	00-289-8807	Fan, vaneaxial .. ..	4140	00-289-8807
4450	00-289-8826	Fan, tubeaxial .. ..	4140	00-289-8826
4450	00-289-8863	Fan, vaneaxial .. ..	4140	00-289-8863

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
4450	00-289-8885	Fan, vaneaxial .. ..	4140	00-289-8885
4450	00-314-0999	Impeller, fan, T .. ..	6625	00-390-5821
4450	00-331-6828	Blower .. ..	4140	00-331-6828
4450	00-383-1034	Fan, centrifugal .. ..	4140	00-383-1034
4450	00-383-1076	Fan, centrifugal .. ..	4140	00-383-1076
4450	00-391-0879	Fan, centrifugal .. ..	4140	00-391-0879
4450	00-554-7841	Fan, centrifugal .. ..	4140	00-554-7841
4450	00-554-8173	Fan, vaneaxial .. ..	4140	00-554-8173
4450	00-554-8180	Fan, vaneaxial .. ..	4140	00-554-8180
4450	00-554-8186	Fan, vaneaxial .. ..	4140	00-554-8186
4450	00-554-8189	Fan, vaneaxial .. ..	4140	00-554-8189
4450	00-554-8209	Fan, vaneaxial .. ..	4140	00-554-8209
4450	00-555-2378	Fan, centrifugal .. ..	4140	00-555-2378
4450	00-702-8678	Fan, axial .. ..	4140	00-702-8678
4450	00-801-4051	Impeller, fan, centrifugal .. ..	4140	00-801-4051
4450	00-872-6316	Fan .. ..	4140	00-872-6316
4450	00-980-7645	Blower .. ..	4140	00-980-7645

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 1114/51/185)

## UNCLASSIFIED

**295—Stores (General) (Group Class 5810)—Communications Security Equipment and Components—Change of Stock Numbers**

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5810	00-545-2871	Pallet .. ..	5815	00-545-2871
5810	00-590-9898	Lock cylinder .. ..	5340	00-590-9898
5810	00-593-3663	Screw, machine .. ..	5305	00-593-3663
5810	00-593-9267	Cable assy .. ..	5810	00-856-9218
5810	00-699-7064	Filter radio .. ..	5810	00-856-9217
5810	00-704-8019	Transformer power .. ..	5950	00-625-6936
5810	00-723-7218	Gasket .. ..	5330	00-723-7218
5810	00-723-7225	Gasket .. ..	5330	00-723-7225
5810	00-723-7226	Gasket .. ..	5330	00-723-7226
5810	00-723-7241	Gasket .. ..	5330	00-723-7244
5810	00-778-8465	Gasket .. ..	5330	00-778-8465
5810	00-778-8729	Standoff .. ..	5340	00-778-8729
5810	00-862-2407	Assembly .. ..	5355	00-862-2407

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/57/207)

## UNCLASSIFIED

**296—Stores (General) (Group Class 5815)—Teletype and Facsimile  
Equipment—Change of Stock Numbers**

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5815	00-040-3093	Lever .. ..	5815	00-370-1465
5815	00-040-3094	Lever .. ..	5815	00-370-1471
5815	00-040-3129	Lever .. ..	5815	00-370-0966
5815	00-086-6233	Screw, machine .. ..	5305	00-677-0363
5815	00-092-1421	Latch, lever .. ..	5815	00-370-1475
5815	00-092-1422	Spring, helical .. ..	5815	00-266-4357
5815	00-126-4141	Bar, mounting .. ..	5815	00-392-2332
5815	00-126-4143	Guide, lever .. ..	5815	00-392-2335
5815	00-126-4146	Bracket, mount .. ..	5815	00-392-2348
5815	00-126-4147	Arm assembly .. ..	5815	00-392-2349
5815	00-126-4150	Holder, retaining .. ..	5815	00-392-2351
5815	00-126-4151	Latch, lever .. ..	5815	00-392-2352
5815	00-126-7756	Pawl, tape feed .. ..	5815	00-392-2344
5815	00-129-1933	Pin, dowel, guide .. ..	5815	00-392-2186
5815	00-129-1937	Block, bearing .. ..	5815	00-392-2329
5815	00-193-2795	Contact, electric .. ..	5945	00-391-9947
5815	00-193-6514	Insulator, bush .. ..	5970	00-391-9765
5815	00-205-4608	Spring, helical .. ..	5815	00-526-3855
5815	00-303-4387	Nut .. ..	5815	00-797-2579
5815	00-319-2501	Washer, lock .. ..	5310	00-527-5887
5815	00-329-5495	Terminal board .. ..	5815	00-705-5015
5815	00-342-2609	Guide .. ..	5815	00-370-1462
5815	00-342-2610	Guide .. ..	5815	00-370-1461
5815	00-351-7799	Shaft .. ..	5815	00-369-9421
5815	00-351-7800	Shaft .. ..	5815	00-369-9422
5815	00-351-7803	Spring, helical, extension .. ..	5815	00-205-4352
5815	00-369-8680	Screw, shoulder .. ..	5305	00-297-2164
5815	00-369-8689	Nut, plain, hexagon .. ..	5310	00-391-9546
5815	00-369-8721	Screw, machine .. ..	5305	00-285-8649
5815	00-369-8858	Screw, machine .. ..	5305	00-530-9828
5815	00-369-9331	Setscrew .. ..	5305	00-392-1750
5815	00-369-9339	Screw, machine .. ..	5305	00-286-3646
5815	00-369-9368	Nut, plant, hexagon .. ..	5310	00-515-7320
5815	00-369-9403	Spring, helical .. ..	5815	00-351-7790
5815	00-369-9416	Spring, helical .. ..	5815	00-598-4440
5815	00-369-9451	Spring, helical .. ..	5815	00-160-0056
5815	00-369-9477	Contact, electrical .. ..	5815	00-502-9426
5815	00-369-9504	Washer, flat .. ..	5310	00-193-7377
5815	00-369-9990	Screw, machine .. ..	5305	00-297-3957
5815	00-369-9991	Screw, machine .. ..	5305	00-286-4033
5815	00-370-0006	Insulator .. ..	5970	00-696-2757
5815	00-370-0027	Screw, machine .. ..	5305	00-285-5583
5815	00-370-0028	Screw, machine .. ..	5305	00-285-5568
5815	00-370-0032	Screw, machine .. ..	5305	00-286-8972
5815	00-370-0035	Screw, machine .. ..	5305	00-285-5570

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5815	00-370-0182	Plate, designat .. ..	5815	00-531-1823
5815	00-370-0185	Nut, plain, hexagon .. ..	5310	00-637-0122
5815	00-370-0209	Screw, machine .. ..	5305	00-208-6432
5815	00-370-0211	Screw, machine .. ..	5305	00-638-3853
5815	00-370-0252	Ring, retaining .. ..	5340	00-598-1228
5815	00-370-0465	Screw, machine .. ..	5305	00-638-6053
5815	00-370-0886	Arm .. ..	5815	00-754-7647
5815	00-370-0933	Screw, machine .. ..	5305	00-208-6436
5815	00-370-0935	Screw, machine .. ..	5305	00-638-3825
5815	00-370-1091	Screw, machine .. ..	5305	00-208-6405
5815	00-370-1165	Spring, helical .. ..	5815	00-664-2145
5815	00-383-1211	Cover, telephone .. ..	5935	00-665-4931
5815	00-391-9587	Bushing, sleeve .. ..	3120	00-580-1713
5815	00-412-5314	Coil, solenoid .. ..	5950	00-231-9866
5815	00-412-5401	Nut, plain, hexagon .. ..	5310	00-208-9515
5815	00-412-5515	Insulator .. ..	5970	00-696-2755
5815	00-412-5733	Screw, machine .. ..	5305	00-298-2485
5815	00-412-5744	Spring, helical .. ..	5815	00-526-1682
5815	00-412-9041	Washer lock .. ..	5810	00-209-3861
5815	00-448-1341	Screw, machine .. ..	5305	00-297-7808
5815	00-448-1352	Screw, machine .. ..	5305	00-208-9997
5815	00-448-1371	Switch, lever .. ..	5930	00-246-5596
5815	00-448-1618	Screw, machine .. ..	5305	00-286-3841
5815	00-448-1637	Screw, machine .. ..	5305	00-530-9577
5815	00-448-3578	Screw, machine .. ..	5305	00-286-4005
5815	00-448-3582	Screw, machine .. ..	5305	00-207-8240
5815	00-448-3589	Screw, machine .. ..	5305	00-286-3812
5815	00-448-3625	Screw, machine .. ..	5305	00-286-8967
5815	00-448-3628	Screw, machine .. ..	5305	00-285-5571
5815	00-448-3644	Screw, machine .. ..	5305	00-285-8651
5815	00-448-3645	Screw, machine .. ..	5305	00-285-5574
5815	00-448-3649	Screw, machine .. ..	5305	00-285-5575
5815	00-448-3657	Nut, plain, hexagon .. ..	5310	00-208-8727
5815	00-448-3662	Nut, plain, hexagon .. ..	5310	00-208-8717
5815	00-448-3681	Spring, feed .. ..	5815	00-370-1233
5815	00-448-3698	Spring, helical .. ..	5815	00-524-0230
5815	00-448-3726	Screw, machine .. ..	5305	00-285-5580
5815	00-448-3896	Nut, plain, hexagon .. ..	5130	00-208-8718
5815	00-448-3909	Screw, machine .. ..	5305	00-286-9222
5815	00-448-3913	Screw, machine .. ..	5305	00-286-9223
5815	00-448-4008	Screw, machine .. ..	5305	00-298-2487
5815	00-448-4043	Spring, helical .. ..	5815	00-205-4593
5815	00-448-4096	Screw, shoulder .. ..	5305	00-286-8987
5815	00-448-4121	Nut .. ..	5310	00-381-1533
5815	00-473-8381	Screw, machine .. ..	5305	00-285-5578
5815	00-516-7717	Bearing, sleeve .. ..	5815	00-448-2026
5815	00-537-7629	Spring .. ..	5815	00-370-0928
5815	00-537-7632	Bail .. ..	5815	00-370-1479
5815	00-568-9405	Spring, helical .. ..	5340	00-302-6344
5815	00-569-0083	Shim .. ..	5815	00-125-9766
5815	00-591-4085	Washer, non-metal .. ..	5330	00-611-4885

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5815	00-611-5047	Washer, non-metal .. ..	5330	00-729-6528
5815	00-611-5111	Oiler, felt .. ..	5815	00-591-4086
5815	00-612-6740	Spring, helical .. ..	5340	00-448-1433
5815	00-624-0085	Insulator .. ..	5970	00-504-8986
5815	00-624-1249	Band assembly, stylus .. ..	5845	00-588-8742
5815	00-652-1557	Washer, non-metal .. ..	5330	00-729-6529
5815	00-652-1567	Washer, non-metal .. ..	5330	00-729-6534
5815	00-652-2471	Felt, mechanical .. ..	5330	00-729-6538
5815	00-652-6482	Felt, mechanical .. ..	5330	00-729-6536
5815	00-654-6908	Lens, indicator light .. ..	6210	00-299-5810
5815	00-654-6909	Lens, indicator .. ..	6210	00-420-8973
5815	00-677-5233	Plate .. ..	5815	00-997-7312
5815	00-677-5234	Lever .. ..	5815	00-795-5989
5815	00-677-7776	Link rod, connecting .. ..	5815	00-776-7018
5815	00-677-8806	Lever, detent .. ..	5815	00-777-6887
5815	00-691-5631	Retainer, wick, teletype .. ..	5815	00-651-7030
5815	00-705-0363	Bushing, sleeve .. ..	5815	00-729-6532
5815	00-705-4842	Screw, shoulder .. ..	5305	00-677-3066
5815	00-705-4938	Lever, teletype .. ..	5815	00-701-6323
5815	00-705-4939	Lever, teletype .. ..	5815	00-701-6325
5815	00-705-4942	Bar, push, teletypewriter .. ..	5815	00-701-7448
5815	00-705-4953	Beam, teletype W .. ..	5815	00-701-7450
5815	00-705-5764	Arm .. ..	5815	00-652-2450
5815	00-705-5772	Arm .. ..	5815	00-652-2453
5815	00-705-6774	Eccentric .. ..	5815	00-652-2536
5815	00-705-5774	Bail .. ..	5815	00-652-2452
5815	00-705-5978	Spring, helical .. ..	5815	00-677-7750
5815	00-705-5985	Lever, teletype .. ..	5815	00-651-7215
5815	00-705-5986	Lever, teletype .. ..	5815	00-651-7194
5815	00-705-5987	Gear, spur .. ..	5815	00-651-7185
5815	00-709-1993	Screw, machine .. ..	5305	00-754-4257
5815	00-712-9456	Screw, shoulder .. ..	5305	00-835-9897
5815	00-739-9781	Wick .. ..	9390	00-701-7295
5815	00-753-1008	Screw, machine .. ..	5305	00-448-3575
5815	00-753-1013	Washer, flat .. ..	5310	00-412-5635
5815	00-753-1031	Spring helical extension .. ..	5815	00-448-3693
5815	00-753-1035	Screw, machine .. ..	5305	00-369-8799
5815	00-754-7532	Washer, flat .. ..	5310	00-193-7591
5815	00-758-2310	Shaft assembly .. ..	5815	00-887-6504
5815	00-758-7919	Roll, assembly .. ..	5815	00-975-9724
5815	00-788-5697	Screw, machine .. ..	5305	00-370-1168
5815	00-788-5714	Screw, machine .. ..	5305	00-298-2472
5815	00-856-7519	Strap, retaining .. ..	5340	00-889-5725
5815	00-859-6541	Gear assembly .. ..	5815	00-859-6542
5815	00-859-6568	Washer, key .. ..	5310	00-964-1913
5815	00-859-6578	Idler gear, lock nut .. ..	5815	00-856-7518
5815	00-860-1078	Stud, chain adjusting .. ..	5815	00-738-9315
5815	00-874-0718	Electron tube .. ..	5960	00-669-6861
5815	00-874-0729	Jack, telephone .. ..	5935	00-683-2746
5815	00-886-4543	Pawl .. ..	5815	00-594-8981
5815	00-886-4544	Pawl .. ..	5815	00-594-8983

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5815	00-886-4545	Shaft .. ..	5815	00-594-8984
5815	00-886-4546	Lever assembly .. ..	5815	00-594-8986
5815	00-887-6501	Check pawl .. ..	5815	00-034-7465
5815	00-895-4018	Arm assembly .. ..	5815	00-755-7343
5815	00-908-0745	Wick .. ..	9390	00-677-6214
5815	00-981-1389	Pin, grooved, headed .. ..	5315	00-964-5865

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/57/168)

## UNCLASSIFIED

### 297—Stores (General) (Group Class 6105)—Motors, Electrical— Change of Stock Numbers

1. The Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
6105	00-295-1536	Motor, alternating current .. ..	6105	00-284-1443
6105	00-349-7538	Screw, machine .. ..	5305	00-276-8524
6105	00-553-0755	Motor, alternating current .. ..	6105	00-262-6843
6105	00-589-9930	Motor, alternating current .. ..	6105	00-643-1105
6105	00-591-2528	Motor, alternating current .. ..	6105	00-541-4091
6105	00-601-4162	Motor, universal .. ..	6105	00-725-7988
6105	00-620-1360	Clamp rim clenching .. ..	5975	00-563-3606
6105	00-705-6437	Rectifier, metallic .. ..	6130	00-655-2517
6105	00-706-8258	Motor, control .. ..	6105	00-706-0852
6105	00-776-9762	Bearing, ball, annular .. ..	3110	00-144-8548
6105	00-818-2732	Motor, alternating current .. ..	6105	00-393-1748
6105	00-859-6829	Bearing, ball, annular .. ..	3110	00-144-8622
6105	00-871-4099	Motor, alternating current .. ..	6105	00-774-9400
6105	00-349-7546	Screw .. ..	5310	66-026-5188

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 1107/51/226)



## UNCLASSIFIED

**298—Uniform Clothing—Fastener, Clutch Grip, Metal—Availability**

1. Supplies of Catalogue No 10689, Fastener, clutch grip, metal, are now available on demand from the Superintending Victualling Store Officer, Royal Edward Victualling Yard, Jones Bay Road, Pyrmont, NSW 2009.
2. This item is a common fastener for collar insignia, flying and submarine badges.
3. The issuing price will be one cent each.

(D of V 917/86/27)

**Section 5****BOOKS, CORRESPONDENCE, FORMS AND STATIONERY**

## UNCLASSIFIED

**299—Pilotage Certificates—Form AS 454 (1966)**

1. In order to reduce clerical work and speed the processing of Pilotage claims a revised Form AS 454 has been printed and will be issued to all ships without demand.
2. Full direction for rendering the form are given in RANOP Chapter 2 as amplified by this order.
3. Attention is drawn to the necessity to ensure that the correct nomenclature as given in BR 2030 is used when rendering the form. Elaboration with regard to position and distance is only to be given when more than one channel exists or when the locality or port is marked D or (d) in BR 2030.
4. The original and duplicate copies of Form AS 454 (1966) are to be forwarded to the Hydrographer, RAN as follows:
  - a. for ships with a qualified navigating officer—direct.
  - b. for ships without a qualified navigating officer under the control of FOCAF—through FOCAF.
  - c. for ships without a qualified navigating officer and not under the control of FOCAF—through the Administrative Authorities.

The triplicate copy of the form should be retained on board for reference.

5. Original and duplicate copies will be received by Hydrographer, RAN and after checking and assessment passed to Director of Navy Accounts for final checking and authorisation of payment.
6. Director of Navy Accounts will retain original and return duplicate to Hydrographer, RAN after authorisation as a record of payment.

(AS (NS) 464/54/586)



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
19 June 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

A handwritten signature in cursive script, appearing to read "Mandau".

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY

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## Section 2

## PERSONNEL

## UNCLASSIFIED

**300—Made-to-Measure Uniforms for Sailors at Melbourne, Sydney, Brisbane and Perth—1967-68**

1. Navy Order 422 of 1967 is to be amended as follows:

**Paragraph 2—Price Table:**

*delete* existing price and *insert* new price for item as follows:

Item	Contractor	New Price \$
TROUSERS MEN'S, cloth, wool, serge No. 2, Class I and III	CGCF Melbourne	10.35

2. The small increase is necessary to cover an improvement in the trouser band to eliminate top rolling.

3. This order will be reprinted for posting on notice boards.

(D of V 930/52/34)

(Navy Order 422 of 1967)

## UNCLASSIFIED

**301—Naval Dockyard Police—Made-to-Measure Uniforms at Melbourne, Sydney and Perth—1967-68**

1. Navy Order 424 of 1967 is to be amended as follows:

**Paragraph 2—Price Table:**

*delete* existing price and *insert* new price for item as follows:

Item	Contractor	New Price \$
TROUSERS MEN'S, cloth wool/polyester, police	CGCF Melbourne	6.95

2. The small increase is necessary to cover an improvement in the trouser band to eliminate top rolling.

3. This order will be reprinted for posting on notice boards.

(D of V 930/52/34)

(Navy Order 424 of 1967)

UNCLASSIFIED

**302—RAN, RANR and ASCC Officers' and Chaplains' Made-to-Measure Uniforms at Melbourne, Sydney, Perth and Brisbane—1967-68**

1. Navy Order 426 of 1967 is to be amended as follows:

a. Appendix G:

delete existing prices and insert new prices for items as follows:

(1) Second table:

Item	New Price \$
TROUSERS MEN'S Officer; Cloth, Wool, Serge No. 2 ..	10.65
TROUSERS MEN'S OFFICER; Cloth, Wool, Venetian No. 1 Doeskin	16.15

(2) Khaki Clothing:

Item	New Price \$
TROUSERS MEN'S, cloth, wool, khaki, wool/terylene ..	8.30

b. Appendix H:

delete existing prices and insert new prices for items as follows:

Item	New Price \$
TROUSERS MEN'S, black serge cloth.. ..	10.45
TROUSERS MEN'S, serge No. 2 .. ..	10.65
TROUSERS MEN'S, venetian No. 1 .. ..	16.15

2. The small increase is necessary to cover an improvement in the trouser band to eliminate top rolling.

3. This order will be reprinted for posting on notice boards.

(D of V 930/52/34)

(Navy Order 426 of 1967)

UNCLASSIFIED

**303—Results of Passing out and Higher Education Test—  
HMAS LEEUWIN—March, 1968**

1. The pass marks obtained by Junior Recruits at the Passing Out and Higher Educational Tests held in HMAS LEEUWIN are shown in the Annex to this Order.

2. The results of the above test have been adjusted to the HET standards and the sailors mentioned in the Annex have been granted passes in the subjects indicated.

3. Commanding Officers are to ensure that the Certificates of Service of those concerned are noted in the appropriate section.

ANNEX  
HMAS LEEUWIN—Passing Out Examinations

Name	Rank	O/N	III Geog	IV Nav	V Maths	VII Mag and Elec	VIII Eng Exp	Remarks
ALLEN, Dennis R.	JR 1 (EM)	R96009	57	58	..	..	..	
BELL, Phillip R.	JR 1 (CO)	R96015	..	60	..	..	51	
BOURKE, Michael E.	JR 1 (CO)	R96018	..	64	..	..	59	
CAPORN, Russell A.	JR 1 (EM)	R96025	52	..	..	..	51	
CHELMAN, Brian J.	JR 1 (STD)	R96026	..	..	..	..	50	
CLARKE, Neville J.	JR 1 (CO)	R96027	..	53	..	..	51	
CLEMENTS, Philip P.	JR 1 (CO)	R96028	..	52	..	..	..	
DAVIDSON, Laurie McC.	JR 1 (NAM)	R96034	..	..	..	..	60	
ELIX, Gregory, P.	JR 1 (EM)	R96038	51	..	..	..	60	
FORD, John C.	JR 1 (EMA)	R96039	55	..	..	..	61	
GALE, Richard R.	JR 1 (EM)	R96040	54	55	..	..	..	
GEESING, Ernest W.	JR 1 (WM)	R96041	..	50	..	..	..	
GOULD, David J.	JR 1 (SAV)	R96042	60	..	..	..	55	
GREEN, Graeme J.	JR 1 (CD)	R96043	50	..	..	..	58	
HUTCH, Philip J.	JR 1 (SAV)	R96052	..	..	..	..	53	
KEARINS, Brian J.	JR 1 (EM)	R96054	50	..	..	..	53	
KELLY, Paul J.	JR 1 (WTR)	R43408	..	..	..	..	57	
LANG, Glenn R.	JR 1 (SAN)	R96060	..	50	..	..	54	
MALLAGHAN, Thomas G.	JR 1 (CO)	R96066	..	..	..	..	..	
SHIELDS, Gary R.	JR 1 (EM)	R96089	..	..	..	..	60	
STEPHENSON, Peter J.	JR 1 (WM)	R96092	53	..	..	..	53	
STONE, Peter M.	JR 1 (WTR)	R96094	54	..	..	..	..	
THORSEN, Peter J.	JR 1 (RP)	R96096	..	53	..	..	..	
WILLIAMS, Raymond J.	JR 1 (UW)	R96110	..	58	..	..	52	
WOITHE, Jeffrey W.	JR 1 (CO)	R96112	..	58	..	..	..	

## Section 3

## OPERATIONAL AND TRAINING

UNCLASSIFIED

## 304—Public Relations Training

1. Courses are conducted at Navy Office in Canberra to provide specialist training for officers and photographic sailors assigned to public relations duties.

2. The purpose of the training is to ensure that Public Relations/Press Liaison Officers and Naval photographers have sufficient knowledge of this specialised activity to enable them to take maximum advantage of opportunities to promote the Navy.

3. The courses cover the requirements of the Navys Public Relations Programme, and provide basic instruction in publicity procedures and techniques.

4. Course students are to be accommodated in HMAS HARMAN.

## Public Relations Officers (Course No 901518)

5. The course for public relations officers is conducted by the Director of Public Relations and lasts for up to one week. All PROs appointed by commands, ships and establishments are to undertake the course as soon as possible after selection for PR duties (RI Chapter 59, Article 5902). Application for the course should be made to Navy Office.

## Naval Photographers

6. There are two post-graduate courses for Naval photographers:

a. *Public Relations* (Course No 915480): A comprehensive five week course covering all aspects of requirements for press and television. Sailors should undertake the course as early as practicable after completing the basic photographic course. Normally, the course is for individual photographers, the dates for posting to Navy Office being arranged in liaison with DPR.

b. *Public Relations Refresher* (Course No 915490): A two week refresher course when Naval photographers are posted to ships or establishments for PR duties. (The first week is at Navy Office, while the second will normally be spent gaining practical experience with a television newsreel organisation. This refresher course is to be taken into account in the posting of photographic sailors. DPR will arrange the week of practical training with a Sydney television channel.)

7. The courses for Naval photographers are supervised by DPR and conducted by the Films Officer.

8. Navy Order 189 of 1965 is hereby cancelled.

(DPR 165/1/79)

(Navy Order 189 of 1965)

UNCLASSIFIED

## 305—Sailors Course Programme—1968

Navy Order 543 of 1967 is to be amended as follows:

## Appendix:

- a. 954860 Conversion Course to SAP and CSAP (Ex EA, CEA):  
*insert* starting date '20.5.68.'
- b. 911910 POQMC Course:  
*amend* starting date '15.7.68' to read '22.7.68.'
- c. 912700 CO Course:  
*insert* additional starting dates '3.6.68', '29.7.68', '23.9.68', '21.10.68', '6.1.69'.
- d. 919730 STD Course:  
*insert* additional starting date '2.9.68'.
- e. 919750 SAV Course:  
*insert* additional starting dates '6.5.68', '29.7.68'.
- f. 919740 SAN Course:  
*insert* additional starting date '23.9.68'.
- g. 919940 POSN Course:  
*amend* starting date '9.9.68' to read '2.9.68'.
- h. 915910 POAAH Course:  
*amend* re-engagement category to read D.
- i. 914920 POEP Course:  
*amend* starting date '29.7.68' to read '19.8.68'.
- j. 914930 POEWE Course:  
*amend* starting date '29.7.68' to read '19.8.68'.
- k. 914940 POEWP Course:  
*amend* starting date '29.7.68' to read '22.7.68'.
- l. 914950 POEC Course:  
*amend* starting date '29.7.68' to read '22.7.68'.
- m. 917910 POEAW Course:  
*amend* starting date '29.7.68' to read '19.8.68'.
- n. 917920 POEAC Course:  
*amend* starting date '29.7.68' to read '22.7.68'.

(Navy Order 543 of 1967)

(DMT 311/201/281)

## Section 4

## EQUIPMENT, STORES AND SERVICING

UNCLASSIFIED

## 306—Alteration and Addition Item—HMAS SYDNEY

The following Alteration and Addition Item is approved to be carried out in HMAS SYDNEY:

*Class List Item No 363 (Ex TDL 'AU')*

- a. *Item:* To install 8 in No 20 watt twin fluorescent fittings in 5P classroom proposed in HMAS Sydneys Form AS 1182 TDL 'AN' dated 17 January 1967.
- b. Additional weight estimated to be 115 lbs, the actual change is to be reported by the ship on completion of the item.
- c. *Reference:* HMAS SYDNEYs Form AS 1182 TDL 'AU' dated 14 April 1967, forwarded under cover of FOCAF Memorandum AF 1212/55/24 dated 1 May 1967.

(CNTS 1213/53/199)

UNCLASSIFIED

## 307—Electrical (General)—Instrument, Microammeter AP 0557/32160—Change of Resistance

*(DCI (RN) 129/1968)*

1. Microammeter AP 0557/32160 is a moving coil  $3\frac{1}{2}$  in instrument scaled 0–6 with no caption and having full scale deflection of 1,000 microamps. This instrument was introduced in 1955 for general service use.

2. The instrument originally had a total resistance of 130 ohms  $\pm$  5 per cent. Since March 1965 this microammeter has been manufactured to Specification DEF 62 and its resistance is now 100 ohms  $\pm$  5 per cent.

3. It is a requirement of DEF 62 that the resistance of a microammeter shall be quoted on the scale plate and Pattern 32160 microammeters, manufactured to the new specification, are marked 100 ohms.

4. In most applications this change of resistance will have no effect whatsoever on the instrument or the circuit in which it is incorporated. It is known however that in one isolated application, namely the EHT Unit, Cabinet B, Sonar Type 177M, the meter is fed from an adjustable shunt. In this case the shunt must be adjusted to compensate for the change of ohmic value when a new instrument is fitted in place of the older one.

5. Instructions for identifying the instrument and adjusting the shunt are being inserted in the final version of the Type 177M handbook.

(DWE 400/2/923)

UNCLASSIFIED

## 308—Magazine Lighting—Lamp Fitting 0582-17175

1. During routine maintenance on magazine lighting in the RN, it was found that the rubber insulation on the two wires between the 0585-7990A Batten fitting and the 0582-4458 Base, plunger, had perished leaving the wires bare in places.

2. All ships fitted with light fittings 0582-17175 are to carry out 100 per cent examination of internal wiring and to raise the necessary defect items to replace defective wire with 0561-519-7884 (formerly 0561-181450) insulated wire.

3. The holes in the following item of 0582-17175 light fitting should be modified as necessary to accept the new cable 0582-519-7884:

- a. Aluminum alloy lamp base.
- b. Insulated base for lamp terminal, and
- c. Micanite insulator between the lamp base and the lamp terminal base.

4. Magazine Light Fitting 0582-17175 is being replaced by Light Fitting 0582-923-8462. No retrospective modification action is intended for replacement.

(ACDC 400/2/902)

UNCLASSIFIED

## 309—Materials—Copper Alloys—Attack by Mercury

*(DCI (RN) 132/1968)*

1. Mercury and mercury salts will cause accelerated stress corrosion cracking if allowed to come into contact with stressed areas of copper alloys. It should be noted that stress may be present due to work hardening in service as well as by pressure or bending forces, or residual stresses remaining after manufacture. Laboratory tests have shown that in unstressed components, amalgamation of the surface with mercury can cause subsequent failure under even a low stress.

2. Particular care is therefore to be taken, not only in service but also during manufacture, repair or testing that mercury in any form, eg, metallic, mercuric greases and chemicals, etc, does not come into contact with copper alloys. If accidental contamination does arise immediate steps are to be taken to attempt to remove all traces by wiping and rubbing down with emery cloth.

3. A thorough examination should then be made to establish whether surface cracking has occurred. Should evidence of cracking be detected the component is suspect and should be replaced unless a satisfactory reclamation process is possible.

4. Attempts may be made to recover the damaged material by means of light surface grinding, followed by a visual examination to ensure the removal of all traces of mercury from the surface, and a dye penetrant check for cracking. If such attempts are unsuccessful then the component must be replaced.

(ACDC 400/2/922)

## UNCLASSIFIED

**310—Stores (General) (Group Class 5110)—Hand Tools, Edged, Non-powered—Change of Stock Numbers**

1. The Stock numbers of the undermentioned items have been changed, as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5110	00-293-0622	Drill, breast .. ..	5110	00-293-2524
5110	00-293-2418	Blade hand hacksaw .. ..	5110	00-244-5958
5110	00-540-1949	Ax, single bit .. ..	5110	00-293-2336
5110	00-541-8740	Nippers, end cutting .. ..	5110	00-221-1499
5110	00-555-2638	Cutter, glass .. ..	5110	00-224-9245
5110	00-595-9488	Pliers, diagonal cut .. ..	5110	00-224-1532
5110	00-596-0974	Stripper, wire hand .. ..	5110	00-268-4224
5110	00-654-1821	Post, drilling .. ..	5110	00-221-1347

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 506/71/591)

## UNCLASSIFIED

**311—Stores (General) (Group Class 5305)—Screws—Change of Stock Numbers**

1. The Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5305	00-022-7059	Screw, machine .. ..	5305	00-770-2580
5305	00-022-7095	Screw, machine .. ..	5305	00-763-6963
5305	00-058-6813	Screw, machine .. ..	5305	00-925-4777
5305	00-058-6880	Screw, machine .. ..	5305	00-939-9221
5305	00-058-6881	Screw, machine .. ..	5305	00-939-9222
5305	00-058-6894	Screw, machine .. ..	5305	00-939-9258
5305	00-058-6906	Screw, machine .. ..	5305	00-939-9190
5305	00-058-7006	Screw, machine .. ..	5305	00-912-7662
5305	00-059-7176	Screw, machine .. ..	5305	00-766-2422
5305	00-059-7178	Screw, machine .. ..	5305	00-727-8833
5305	00-059-7202	Screw, machine .. ..	5305	00-765-4352
5305	00-064-1525	Screw, machine .. ..	5305	00-144-3950
5305	00-069-2541	Screw, machine .. ..	5305	00-940-9491
5305	00-149-9857	Screw, machine .. ..	5305	00-282-4209
5305	00-150-9568	Screw, machine .. ..	5305	00-269-4208
5305	00-151-1382	Screw, machine .. ..	5305	00-984-4977
5305	00-151-1684	Screw, machine .. ..	5305	00-957-1499
5305	00-151-1848	Screw, machine .. ..	5305	00-984-4989
5305	00-151-3556	Screw, machine .. ..	5305	00-638-0850
5305	00-151-3575	Screw, machine .. ..	5305	00-993-0191

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5305	00-151-3582	Screw, machine .. ..	5305	00-984-4976
5305	00-151-3586	Screw, machine .. ..	5305	00-984-4980
5305	00-167-3897	Screw, machine .. ..	5305	00-274-0588
5305	00-180-3351	Bolt, machine .. ..	5306	00-180-3351
5305	00-206-5077	Screw, machine .. ..	5305	00-297-8406
5305	00-206-7642	Screw, machine .. ..	5305	00-685-1662
5305	C0-207-0601	Screw .. ..	5305	00-901-7252
5305	C0-207-1206	Screw .. ..	5305	00-819-7087
5305	C0-207-2166	Screw, machine .. ..	5305	00-058-6836
5305	C0-207-2806	Screw .. ..	5305	00-637-7911
5305	C0-207-6648	Screw machine .. ..	5305	00-616-1132
5305	C0-208-6435	Screw .. ..	5305	00-206-2050
5305	C0-208-8320	Screw .. ..	5305	00-844-1287
5305	C0-217-1972	Screw .. ..	5305	00-207-3958
5305	C0-261-1895	Screw .. ..	5305	00-069-5573
5305	C0-271-3506	Screw, machine .. ..	5305	00-282-4204
5305	C0-271-5007	Screw, machine .. ..	5305	00-054-5636
5305	C0-271-5011	Screw, machine .. ..	5305	00-054-5635
5305	00-271-5010	Screw .. ..	5305	00-638-0503
5305	00-271-5034	Screw .. ..	5305	00-282-0283
5305	00-271-5145	Screw .. ..	5305	00-208-1869
5305	00-271-6219	Screw, machine .. ..	5305	00-282-8514
5305	00-274-0311	Screw, machine .. ..	5305	00-151-2523
5305	00-274-0331	Screw, machine .. ..	5305	00-151-2521
5305	00-274-0493	Screw, machine .. ..	5305	00-150-9581
5305	00-274-0494	Screw, machine .. ..	5305	00-150-9582
5305	00-274-0496	Screw, machine .. ..	5305	00-298-7952
5305	00-274-0497	Screw, machine .. ..	5305	00-207-0181
5305	00-274-0579	Screw, machine .. ..	5305	00-151-2536
5305	00-275-1563	Screw, machine .. ..	5305	00-515-9820
5305	00-281-1585	Screw, machine .. ..	5305	00-273-7354
5305	00-285-5308	Screw, machine .. ..	5305	00-167-3893
5305	00-286-3800	Screw, machine .. ..	5305	00-638-2281
5305	00-319-3086	Bolt .. ..	5306	00-319-3086
5305	00-369-8796	Screw .. ..	5305	00-638-2424
5305	00-386-8963	Cover bearing retainer .. ..	5210	00-386-8963
5305	00-391-9700	Stud .. ..	5307	00-127-2060
5305	00-392-0355	Screw .. ..	5305	00-753-7053
5305	00-392-0560	Bolt, machine special .. ..	5306	00-392-0560
5305	00-392-1441	Screw .. ..	5305	00-208-0924
5305	00-392-1748	Screw .. ..	5305	00-637-5476
5305	00-441-4682	Screw .. ..	5305	00-282-0225
5305	00-448-1419	Screw .. ..	5305	00-639-6968
5305	00-448-1696	Screw .. ..	5305	00-286-4018
5305	00-448-3636	Screw .. ..	5305	00-207-4968
5305	00-448-3869	Screw .. ..	5305	00-206-5131
5305	00-448-4011	Screw .. ..	5305	00-286-4015
5305	00-448-4127	Screw .. ..	5305	00-286-8942
5305	00-448-4128	Screw .. ..	5305	00-297-3116
5305	C0-510-1479	Screw .. ..	5305	C0-297-9173
5305	C0-525-2243	Shaft .. ..	5815	00-525-2243

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5305	00-537-1382	Screw	5305	00-096-1628
5305	00-558-2864	Screw	5305	00-579-0969
5305	00-579-3017	Screw	5305	00-543-2773
5305	00-579-3023	Screw	5305	00-543-2766
5305	00-579-3030	Screw	5305	00-515-7219
5305	00-579-3031	Screw	5305	00-576-7493
5305	00-579-4594	Screw	5305	00-543-2770
5305	00-582-5965	Washer, lock	5310	00-582-5965
5305	00-582-8302	Screw	5305	00-762-7482
5305	00-603-6146	Dampener, flutter	1650	00-603-6146
5305	00-611-5193	Screw	5305	00-842-9066
5305	00-616-3200	Screw	5305	00-619-5009
5305	00-619-4255	Screw	5305	00-947-6974
5305	00-619-5799	Screw, machine	5305	00-810-8209
5305	00-626-3843	Bolt	5306	00-626-3843
5305	00-637-5280	Screw, machine	5305	00-619-5865
5305	00-637-5461	Screw	5305	00-207-4218
5305	00-639-2872	Screw	5305	00-022-7058
5305	00-652-1610	Screw	5305	00-754-4266
5305	00-656-0368	Screw	5305	00-057-0492
5305	00-677-0348	Screw	5305	00-754-3110
5305	00-680-5510	Screw	5305	00-059-8437
5305	00-680-6598	Screw	5305	00-939-9187
5305	00-680-9160	Screw	5305	00-059-8448
5305	00-685-8291	Screw	5305	00-687-6887
5305	00-705-2538	Cover, connector	1336	00-705-2538
5305	00-783-0183	Screw	5305	00-638-0503
5305	00-783-5394	Screw, machine	5305	66-027-4354
5305	00-802-8341	Nipple, tube	4730	00-802-8341
5305	00-809-7056	Screw	5305	00-727-2284
5305	00-853-1399	Screw	5305	00-813-4619
5305	00-952-2774	Screw	5305	00-206-4123
5305	00-972-5820	Screw, machine	5305	00-983-7459
5305	00-988-0966	Screw, machine	5305	00-292-8408

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 506/61/526)

## UNCLASSIFIED

## 312—Stores (General) (Group Class 5310)—Nuts and Washers—Change of Stock Numbers

1. Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5310	00-012-0394	Washer	5310	00-582-5977
5310	00-209-0766	Washer	5310	00-043-1754
5310	00-167-0678	Washer	5310	00-584-5272
5310	00-012-1801	Washer	5310	00-527-3288
5310	00-018-8131	Washer	5310	00-209-0929
5310	00-028-4216	Washer	5310	00-515-7471
5310	00-032-1972	Washer	5310	00-261-7424
5310	00-039-5449	Pin, straight, headless..	5315	00-039-5449
5310	00-055-3408	Washer	5310	00-282-7844
5310	00-057-4852	Washer	5310	00-950-8267
5310	00-167-0696	Washer	5310	00-198-3724
5310	00-167-0869	Washer	5310	00-596-7691
5310	00-176-8095	Washer	5310	00-271-4645
5310	00-193-7389	Washer	5310	00-392-2045
5310	00-193-7611	Washer	5310	00-677-4878
5310	00-193-9990	Washer	5310	00-286-8869
5310	00-194-1467	Washer	5310	00-641-9272
5310	00-194-8167	Washer	5310	00-551-7606
5310	00-197-3311	Washer	5310	00-637-2511
5310	00-208-4006	Washer	5310	00-680-7543
5310	00-208-8707	Washer	5310	00-268-7363
5310	00-208-8710	Washer	5310	00-042-6903
5310	00-208-8715	Washer	5310	00-596-9540
5310	00-208-8720	Washer	5310	00-275-5435
5310	00-208-9482	Washer	5310	00-297-8942
5310	00-209-0869	Washer	5310	00-584-8131
5310	00-209-1981	Shim	5340	00-209-1981
5310	00-209-3230	Washer	5310	00-271-7360
5310	00-209-4180	Washer	5310	00-147-6547
5310	00-209-5165	Washer	5310	00-167-4433
5310	00-209-5215	Washer	5310	00-531-1510
5310	00-209-6868	Washer	5310	00-596-7582
5310	00-215-7871	Shim	5340	00-215-7871
5310	00-264-0072	Shim	5340	00-264-0072
5310	00-275-0733	Washer	5310	00-208-2370
5310	00-285-8087	Washer	5310	00-680-6775
5310	00-285-8093	Washer	5310	00-194-2778
5310	00-286-2870	Washer	5310	00-274-4551
5310	00-286-8440	Washer	5310	00-584-8812
5310	00-286-8870	Washer	5310	00-193-7591
5310	00-286-8872	Washer	5310	00-193-7562
5310	00-286-9302	Washer	5310	00-515-7468
5310	00-297-8799	Washer	5310	00-062-0912
5310	00-298-7455	Washer	5310	00-208-4676
5310	00-369-8686	Washer	5310	00-208-8730



Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5310	00-369-8690	Washer	5310	00-515-8542
5310	00-442-9266	Washer	5310	00-483-6391
5310	00-442-9342	Washer	5310	00-483-6396
5310	00-443-0430	Washer	5310	00-209-4809
5310	00-483-6257	Washer	5310	00-209-1718
5310	00-515-8519	Washer	5310	00-194-1471
5310	00-515-8530	Washer	5310	00-194-2776
5310	00-515-8532	Washer	5310	00-198-3682
5310	00-531-8832	Washer	5310	00-855-2517
5310	00-558-6385	Washer	5310	00-531-9652
5310	00-582-6525	Washer	5310	00-800-4365
5310	00-591-7281	Pin straight	5315	00-591-7281
5310	00-619-4541	Washer	5310	00-527-5925
5310	00-637-1538	Washer	5310	00-443-3248
5310	00-637-2785	Shim	5340	00-720-7826
5310	00-637-3717	Washer	5310	00-281-5383
5310	00-639-0394	Washer	5310	00-639-8387
5310	00-639-6529	Washer	5310	00-221-4887
5310	00-639-6895	Shim	5340	00-639-6895
5310	00-639-8259	Shim	5340	00-639-8259
5310	00-641-9125	Washer	5310	00-148-4687
5310	00-641-9142	Washer	5310	00-147-6555
5310	00-641-9219	Washer	5310	00-147-6544
5310	00-641-9260	Washer	5310	00-193-7595
5310	00-641-9376	Washer	5310	00-443-7523
5310	00-391-9736	Washer	5310	00-199-6953
5310	00-391-9784	Washer	5310	00-194-1485
5310	00-392-0020	Washer	5310	00-209-0929
5310	00-392-1008	Washer	5310	00-754-4190
5310	00-392-1404	Washer	5310	00-551-0278
5310	00-448-2052	Washer	5310	00-527-3288
5310	00-448-3767	Washer	5310	00-637-3937
5310	00-448-3771	Washer, nonmetallic	5330	00-448-3771
5310	00-596-0637	Washer	5310	00-616-3553
5310	00-611-5042	Washer	5310	00-754-3087
5310	00-655-6511	Spacer, ring	5340	00-655-6511
5310	00-677-4880	Washer	5310	00-754-3084
5310	00-677-5771	Washer	5310	00-754-3085
5310	00-679-8493	Spacer, ring	5340	00-679-8493
5310	00-680-6137	Washer	5310	00-826-3540
5310	00-685-0340	Pin, hollow	5315	00-685-0340
5310	00-685-6351	Shim	5340	00-685-8351
5310	00-701-9692	Nut	5310	00-817-0723
5310	00-708-6729	Jack, tip	5935	00-806-2688
5310	00-721-5537	Insert, screw thread	5340	00-721-5537
5310	00-721-4604	Shim	5340	00-721-4604
5310	00-727-0029	Washer	5310	00-813-2813
5310	00-753-4441	Washer	5310	00-275-1398
5310	00-791-2298	Connector	5935	00-791-2298
5310	00-811-7462	Shim	5340	00-811-7462
5310	00-391-9568	Washer	5310	00-197-3305

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5310	00-391-9668	Washer	5310	00-194-1463
5310	00-391-9694	Washer	5310	00-193-9993
5310	00-391-9697	Washer	5310	00-637-2545
5310	00-012-0217	Washer, lock	5310	00-043-2226
5310	00-012-0394	Washer, flat	5310	00-582-5977
5310	00-021-1736	Washer	5815	00-797-4879
5310	00-050-2245	Washer, flat	5310	00-167-0820
5310	00-061-1443	Nut, extended	5310	00-978-6073
5310	00-061-5138	Washer, lock	5310	00-579-5554
5310	00-068-6903	Insert, screw thread	5340	00-068-6903
5310	00-071-1012	Nut, plain round	3110	00-185-6426
5310	00-167-0848	Washer, lock	5310	00-721-3341
5310	00-167-0875	Washer, lock	5310	00-193-7577
5310	00-176-8129	Nut, plain, hexagon	5310	00-013-4524
5310	00-176-8160	Nut, plain, hexagon	5310	00-880-7744
5310	00-184-9150	Washer, lock	5310	00-194-7352
5310	00-194-0024	Washer, lock	5310	00-209-0901
5310	00-194-1458	Washer, flat	5310	00-193-7610
5310	00-194-7367	Washer, lock	5310	00-013-8542
5310	00-197-2284	Nut, self-locking, hexagon	5310	00-266-4461
5310	00-207-9061	Nut, self-locking, hexagon	5310	00-543-4443
5310	00-208-1630	Nut, self-locking, hexagon	5310	00-638-5710
5310	00-208-2236	Nut, self-locking, hexagon	5310	00-275-1993
5310	00-208-2827	Nut, plain, round	5310	00-208-3134
5310	00-208-4037	Nut, self-locking, hexagon	5310	00-207-8758
5310	00-208-8739	Nut, plain, hexagon	5310	00-194-8166
5310	00-209-0726	Washer, lock	5310	00-275-0586
5310	00-209-0739	Washer, lock	5310	00-058-2949
5310	00-209-0814	Washer, lock	5310	00-058-3829
5310	00-209-1171	Washer, lock	5310	00-054-1830
5310	00-209-1348	Washer, lock	5310	00-595-7165
5310	00-209-2809	Washer, spring tension	3110	00-227-4883
5310	00-209-5306	Washer, lock	5310	00-186-7499
5310	00-210-0415	Nut, self-locking	5310	00-811-3677
5310	00-261-7142	Washer, lock	5310	00-209-1366
5310	00-261-7438	Washer, lock	5310	00-515-8706
5310	00-261-7681	Washer, lock	5310	00-261-7837
5310	00-262-5475	Washer, key	5310	00-186-0968
5310	00-264-1886	Washer, key	3110	00-186-0990
5310	00-269-7021	Nut, plain, hexagon	5310	00-369-9147
5310	00-269-7022	Nut, plain, hexagon	5310	00-515-8942
5310	00-274-8342	Nut, self-locking, hexagon	5310	00-275-2015
5310	00-274-8352	Nut, self-locking, hexagon	5310	00-543-4452
5310	00-274-8928	Nut, self-locking, hexagon	5310	00-281-3386
5310	00-275-2006	Nut, self-locking, hexagon	5310	00-526-0696
5310	00-275-2027	Nut, self-locking, hexagon	5310	00-596-9757
5310	00-281-1405	Washer, flat	5310	00-722-5998
5310	00-282-6904	Washer, flat	5310	00-595-6425
5310	00-285-7074	Nut, self-locking, hexagon	5310	00-281-9845
5310	00-286-2874	Washer, flat	5310	00-186-7453
5310	00-286-2875	Washer, flat	5310	00-194-0019

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5310	00-297-8882	Nut, plain, hexagon	5310	00-012-0614
5310	00-314-0466	Nut, plain, hexagon	5310	00-208-8739
5310	00-324-6420	Nut, self-locking, hexagon	5310	00-197-2298
5310	00-349-0327	Nut, lock	5815	00-370-0207
5310	00-349-1473	Washer, lock	5310	00-209-2793
5310	00-358-8787	Nut, plain, round	3110	00-185-6464
5310	00-360-4480	Gasket	5330	00-193-9770
5310	00-367-3664	Washer, key	3110	00-186-0969
5310	00-375-1140	Nut, plain, round	3110	00-185-6463
5310	00-391-9558	Nut, plain, hexagon	5310	00-199-6954
5310	00-391-9590	Nut, plain, hexagon	5310	00-208-8716
5310	00-391-9608	Washer, lock	5310	00-197-3306
5310	00-391-9654	Washer, flat	5310	00-677-4878
5310	00-392-0486	Washer, lock	5310	00-527-5925
5310	00-392-2049	Washer, flat	5310	00-194-1476
5310	00-392-2117	Nut, plain, hexagon	5310	00-515-7828
5310	00-395-9499	Plate, switch	5815	00-395-9499
5310	00-448-1326	Nut, plain, hexagon	5310	00-208-8712
5310	00-508-7923	Washer, key	5310	00-637-4885
5310	00-515-8529	Washer, flat	5310	00-193-9987
5310	00-515-8707	Washer, lock	5310	00-261-7437
5310	00-531-9698	Washer, lock	5310	00-045-3299
5310	00-532-1374	Nut, plain, hexagon	5310	00-208-8730
5310	00-535-6490	Washer, lock	5310	00-527-3289
5310	00-535-6513	Washer, lock	5310	00-543-2705
5310	00-543-2130	Nut, plain, round	3110	00-185-6483
5310	00-550-1785	Washer, lock	5310	00-209-1551
5310	00-550-1802	Nut, plain, hexagon	5310	00-270-8810
5310	00-558-7986	Insert, screw thread	5340	00-558-7986
5310	00-568-9424	Nut, plain, knurled	5310	00-208-7309
5310	00-576-2272	Washer, lock	5310	00-596-7674
5310	00-577-5437	Nut, self-locking, hexagon	5310	00-275-2003
5310	00-579-1862	Nut self-locking	5310	00-275-2015
5310	00-579-2193	Washer, lock	5310	00-167-0659
5310	00-582-8607	Nut, self-locking, hexagon	5310	00-596-6897
5310	00-594-2262	Washer, key	3110	00-186-0961
5310	00-595-7469	Nut, self-locking, hexagon	5310	00-272-7019
5310	00-596-0337	Washer, spring	5310	00-515-7505
5310	00-596-6450	Nut, self-locking, spline	5310	00-596-6466
5310	00-596-6893	Nut, self-locking, hexagon	5310	00-262-6375
5310	00-596-7158	Nut, plain, wing	5310	00-217-2044
5310	00-606-8830	Washer, lock	5310	00-013-1182
5310	00-608-0307	Washer	5815	00-412-7344
5310	00-610-0905	Washer, flat	5310	00-209-0711
5310	00-614-3515	Washer, flat	5310	00-281-1405
5310	00-614-3532	Washer, flat	5310	00-619-1148
5310	00-614-3553	Washer, flat	5310	00-595-6211
5310	00-616-8755	Nut, plain, hexagon	5310	00-271-4640
5310	00-619-1944	Nut, self-locking, hexagon	5310	00-596-7957
5310	00-619-6454	Washer, lock	5310	00-550-3715
5310	00-620-8187	Washer, lock	5310	00-543-4652

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5310	00-621-3101	Washer, flat	5310	00-209-0375
5310	00-623-1680	Nut, plain, round	3110	00-185-6462
5310	00-631-1301	Nut, plain, hexagon	5310	00-271-4642
5310	00-637-2523	Washer, lock	5310	00-194-1478
5310	00-637-3741	Washer, flat	5310	00-193-7578
5310	00-638-4340	Washer, lock	5310	00-167-0662
5310	00-638-9642	Nut, plain, round	3110	00-185-6389
5310	00-639-0533	Nut, self-locking	5310	00-596-7451
5310	00-647-0041	Washer, lock	5310	00-595-7235
5310	00-653-2496	Nut, self-locking, hexagon	5310	00-274-8923
5310	00-653-2502	Washer, key	3110	00-186-0960
5310	00-654-5617	Washer, lock	5310	00-514-6738
5310	00-655-6449	Shim	5340	00-655-6449
5310	00-660-2897	Washer, flat	5310	00-167-0657
5310	00-670-5195	Nut assy	1660	00-796-7369
5310	00-672-5956	Nut, self-locking, hexagon	5310	00-263-2866
5310	00-677-4903	Washer, lock	5310	00-527-3288
5310	00-687-3276	Washer, lock	5310	00-579-3046
5310	00-688-1859	Jack, tip	5935	00-617-2193
5310	00-696-9095	Eyelet	5325	00-638-4301
5310	00-701-9675	Nut, self-locking	5310	00-208-4153
5310	00-783-0074	Nut, extended	5310	00-576-5559
5310	00-787-9490	Nut, plain, round	3110	00-507-3623
5310	00-791-8504	Washer, flat	5310	00-809-8546
5310	00-801-7888	Washer, flat	5310	00-620-8186
5310	00-804-9373	Washer, flat	5310	00-182-7833
5310	00-813-0569	Post electrical	5340	00-813-0569
5310	00-816-6814	Nut, self-locking, hexagon	5310	00-262-6355
5310	00-825-0785	Nut, plain, hexagon	5340	00-271-4645
5310	00-834-6403	Spacer ring	5340	00-834-6403
5310	00-843-2340	Nut, extended washer, hexagon	5310	00-807-1477
5310	00-867-3539	Cable power, elect	6145	00-867-3539
5310	00-873-3647	Nut, self-locking, hexagon	5310	00-275-1404
5310	00-883-8201	Washer	5310	00-851-5385
5310	00-957-0534	Amplifier, sub assy	6625	00-957-0534
5310	00-971-4453	Washer, flat	5310	00-655-7511
5310	00-487-5884	Nut, sleeve	5340	00-487-5884
5310	00-595-5906	Washer, flat	5310	00-531-9514
5310	00-864-4013	Washer, lock	5310	00-215-8348
5310	00-194-0691	Washer, flat	5310	00-369-9614
5310	00-215-2758	Washer, flat	1610	00-215-2758
5310	00-281-1235	Nut, castellated	5310	00-596-7173
5310	00-619-1085	Nut, self-locking, hexagon	5310	00-722-5777
5310	00-639-5533	Nut, sleeve	5340	00-639-5533
5310	00-685-6781	Washer, flat	5310	00-680-9330
5310	00-893-3531	Washer, flat	5310	00-599-4732
5310	00-167-0853	Washer, lock	5310	00-019-0669
5310	00-202-2755	Washer, flat	5340	00-202-2755
5310	00-210-0419	Nut, self-locking	5310	00-821-2090
5310	00-274-8874	Washer, lock	5310	00-050-3345
5310	00-370-9512	Nut, sleeve	5340	00-370-9512

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5310	00-530-0531	Washer, flat	5340	00-530-0531	
5310	00-637-8354	Nut, sleeve	5340	00-637-8354	
5310	00-637-8894	Nut, sleeve	5340	00-637-8894	
5310	00-707-3304	Washer, lock	5310	00-083-8364	
5310	00-727-7911	Washer, lock	5310	00-194-9206	
5310	00-777-8730	Cap, electrical	6615	00-951-5836	
5310	00-845-2200	Spacer, ring	5340	00-845-2200	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 506/51/314)

UNCLASSIFIED

**313—Stores (General) (Group Class 5330)—Packing and Gasket Materials—  
Change of Stock Numbers**

1. The Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5330	00-050-1218	Packing, preformed	5330	00-260-9311	
5330	00-054-6803	Packing, preformed	5330	00-194-3712	
5330	00-054-6804	Packing, preformed	5330	00-640-9476	
5330	00-054-6861	Packing, preformed	5330	00-256-0189	
5330	00-054-6874	Packing, preformed	5330	00-256-0201	
5330	00-054-6876	Packing, preformed	5330	00-194-3733	
5330	00-054-6882	Packing, preformed	5330	00-641-7298	
5330	00-054-6893	Packing, preformed	5330	00-197-9599	
5330	00-054-6905	Packing, preformed	5330	00-187-3611	
5330	00-054-6908	Packing, preformed	5330	00-187-3615	
5330	00-054-6922	Packing, preformed	5330	00-171-9917	
5330	00-054-6942	Packing, preformed	5330	00-171-9916	
5330	00-097-3345	Paper, gasket	5330	00-270-8468	
5330	00-141-4935	Seal, plain encased	5330	00-179-0896	
5330	00-154-1337	Seal, plain encased	5330	00-290-9705	
5330	00-154-4940	Seal, plain encased	5330	00-292-1596	
5330	00-171-3860	Packing, preformed	5330	00-256-0195	
5330	00-171-7787	Packing, preformed	5330	00-054-6904	
5330	00-171-8081	Packing, preformed	5330	00-291-1852	
5330	00-171-8221	Packing, preformed	5330	00-198-6163	
5330	00-171-8238	Packing, preformed	5330	00-250-1220	
5330	00-171-8368	Packing with retainer	5330	00-641-2291	
5330	00-171-8920	Washer, nonmetallic	5330	00-246-2914	
5330	00-171-9980	Packing, preformed	5330	00-640-9155	
5330	00-178-6736	Seal, plain encased	5330	00-291-9235	
5330	00-186-1368	Packing, preformed	5330	00-804-5695	
5330	00-186-2743	Packing, preformed	5330	00-235-1676	

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5330	00-186-2744	Packing, preformed	5330	00-197-9611	
5330	00-187-3605	Packing, preformed	5330	00-641-3737	
5330	00-187-3618	Packing, preformed	5330	00-641-3741	
5330	00-187-3629	Packing, preformed	5330	00-641-0693	
5330	00-189-8958	Gasket	5330	00-883-8218	
5330	00-193-9750	Washer, flat	5310	00-188-4233	
5330	00-194-3717	Packing, preformed	5330	00-196-5322	
5330	00-194-3728	Packing, preformed	5330	00-231-4107	
5330	00-194-3735	Packing, preformed	5330	00-171-8224	
5330	00-196-5308	Packing, preformed	5330	00-231-3261	
5330	00-196-5312	Packing, preformed	5330	00-641-0799	
5330	00-196-5318	Packing, preformed	5330	00-198-6194	
5330	00-196-5321	Packing, preformed	5330	00-194-3715	
5330	00-196-5324	Packing, preformed	5330	00-194-3721	
5330	00-196-5325	Packing, preformed	5330	00-641-8339	
5330	00-196-5329	Packing, preformed	5330	00-198-6198	
5330	00-196-5372	Packing, preformed	5330	00-350-9013	
5330	00-196-5383	Packing, preformed	5330	00-198-6176	
5330	00-196-5387	Packing, preformed	5330	00-198-6179	
5330	00-197-9576	Packing, preformed	5330	00-359-4252	
5330	00-197-9593	Packing, performed	5330	00-171-8094	
5330	00-197-9610	Packing, preformed	5330	00-641-7828	
5330	00-198-6187	Packing, preformed	5330	00-196-5314	
5330	00-202-2583	Packing, assembly	5975	00-202-2583	
5330	00-202-2604	Packing, assembly	5975	00-202-2604	
5330	00-202-3252	Packing material	5330	00-264-9598	
5330	00-231-3227	Packing, preformed	5330	00-054-6890	
5330	00-231-3234	Packing, preformed	5330	00-186-2751	
5330	00-231-3241	Packing, preformed	5330	00-054-6865	
5330	00-231-3249	Packing, preformed	5330	00-196-5385	
5330	00-231-3254	Packing, preformed	5330	00-256-0190	
5330	00-231-4112	Packing, preformed	5330	00-530-1995	
5330	00-231-4131	Packing, preformed	5330	00-808-0794	
5330	00-239-3745	Gasket	5330	00-543-6081	
5330	00-247-4205	Washer, nonmetallic	5330	00-599-4769	
5330	00-247-8651	Packing, preformed	5330	00-194-3705	
5330	00-256-0202	Packing, preformed	5330	00-198-6199	
5330	00-257-0404	Seal, plain encased	5330	00-641-2182	
5330	00-260-9305	Packing, preformed	5330	00-187-3612	
5330	00-285-9788	Packing, preformed	5330	00-194-3739	
5330	00-285-9789	Packing, preformed	5330	00-194-3737	
5330	00-286-7291	Packing, preformed	5330	00-198-6183	
5330	00-291-3075	Packing, preformed	5330	00-197-9580	
5330	00-291-3269	Packing, preformed	5330	00-599-3072	
5330	00-291-3832	Packing, preformed	5330	00-265-1078	
5330	00-291-5614	Packing, preformed	5330	00-248-3847	
5330	00-291-7291	Packing, preformed	5330	00-235-1675	
5330	00-291-8936	Washer, nonmetallic	5330	00-551-9286	
5330	00-292-3433	Seal, plain encased	5330	00-559-2714	
5330	00-292-7280	Washer, nonmetallic	5330	00-227-9488	
5330	00-297-5367	Packing, preformed	5330	00-265-1089	

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5330	00-298-0215	Packing with retainer	5330	00-576-9598
5330	00-298-3453	Washer, nonmetallic	5330	00-599-6919
5330	00-298-6191	Packing, preformed	5330	00-171-8234
5330	00-308-5025	Seal, plain encased	5330	00-154-1242
5330	00-327-2915	Insulator bush	5970	00-642-7366
5330	00-329-2545	Retainer, packing	5330	00-171-6755
5330	00-331-9109	Packing, preformed	5330	00-054-6866
5330	00-333-6069	Packing, preformed	5330	00-803-7208
5330	00-338-3397	Gasket	5330	00-498-0322
5330	00-354-9093	Packing, preformed	5330	00-194-3710
5330	00-358-6019	Washer, nonmetallic	5330	00-599-5658
5330	00-361-6901	Seal, plain encased	5330	00-179-0846
5330	00-363-7918	Packing, preformed	5330	00-194-3724
5330	00-367-7304	Gasket	2815	00-367-7304
5330	00-468-9598	Packing, preformed	5330	00-196-5341
5330	00-473-3805	Packing, preformed	5330	00-054-6880
5330	00-506-4443	Packing, preformed	5330	00-194-3711
5330	00-513-2510	Washer, nonmetallic	5330	00-551-9284
5330	00-513-7871	Gasket	4130	00-391-8816
5330	00-514-4692	Packing, preformed	5330	00-251-8839
5330	00-514-4806	Packing, preformed	5330	00-816-3546
5330	00-515-4241	Seal, plain encased	5330	00-033-7080
5330	00-515-5712	Packing, preformed	5330	00-248-3845
5330	00-515-5730	Packing, preformed	5330	00-248-3835
5330	00-526-4590	Packing, preformed	5330	00-171-8068
5330	00-526-5791	Washer, nonmetallic	5330	00-186-4145
5330	00-526-8205	Packing, preformed	5330	00-248-3837
5330	00-527-9205	Packing, preformed	5330	00-171-9984
5330	00-527-9552	Packing, preformed	5330	00-252-6049
5330	00-530-1906	Packing, preformed	5330	00-291-7369
5330	00-530-1911	Packing, preformed	5330	00-599-2763
5330	00-530-1934	Packing, preformed	5330	00-250-0236
5330	00-530-3933	Packing, preformed	5330	00-187-3635
5330	00-531-2307	Packing with retainer	5330	00-580-5329
5330	00-531-3910	Packing, preformed	5330	00-531-2259
5330	00-531-4647	Packing, preformed	5330	00-291-7340
5330	00-531-4933	Packing, preformed	5330	00-224-4699
5330	00-542-1804	Packing, preformed	5330	00-807-8993
5330	00-542-1977	Washer, nonmetallic	5330	00-812-5630
5330	00-543-6809	Packing, preformed	5330	00-194-3722
5330	00-543-6816	Packing, preformed	5330	00-198-6190
5330	00-550-6755	Packing, preformed	5330	00-585-4499
5330	00-550-7454	Packing, preformed	5330	00-582-2856
5330	00-551-2055	Packing, preformed	5330	00-197-9607
5330	00-551-9342	Packing, preformed	5330	00-187-3638
5330	00-551-9571	Packing, preformed	5330	00-580-2278
5330	00-565-8046	Washer, nonmetallic	5330	00-729-6531
5330	00-566-5100	Packing, preformed	5330	00-835-7485
5330	00-576-8884	Packing, preformed	5330	00-576-8565
5330	00-579-8158	Packing, preformed	5330	00-584-0266
5330	00-580-1259	Packing, preformed	5330	00-187-3614

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5330	00-580-5217	Rubber sheet	5330	00-244-9277
5330	00-582-2579	Packing, preformed	5330	00-550-6747
5330	00-582-2816	Packing, preformed	5330	00-242-6638
5330	00-582-7082	Packing, preformed	5330	00-231-3236
5330	00-584-1776	Packing, preformed	5330	00-641-2743
5330	00-585-4146	Packing, preformed	5330	00-250-0230
5330	00-585-4547	Packing, preformed	5330	00-531-6416
5330	00-591-2698	Seal, plain encased	5330	00-178-3796
5330	00-599-2018	Packing, preformed	5330	00-530-0138
5330	00-599-2522	Packing, preformed	5330	00-599-2029
5330	00-599-2923	Packing, preformed	5330	00-579-7916
5330	00-599-2969	Packing, preformed	5330	00-194-3719
5330	00-599-3021	Packing, preformed	5330	00-599-2735
5330	00-599-6165	Shielding gasket	5999	00-254-5669
5330	00-599-7458	Gasket forming	5330	00-252-3391
5330	00-599-8642	Packing, preformed	5330	00-248-3832
5330	00-599-9011	Gasket	5330	00-193-9750
5330	00-599-9585	Packing, preformed	5330	00-197-9612
5330	00-601-0200	Packing with retainer	5330	00-811-0460
5330	00-618-0681	Packing, preformed	5330	00-641-8241
5330	00-618-5360	Packing, preformed	5330	00-530-2000
5330	00-620-5900	Packing, preformed	5330	00-585-0155
5330	00-625-6243	Packing, preformed	5330	00-599-2127
5330	00-625-6867	Packing, preformed	5330	00-252-6058
5330	00-631-1338	Packing, preformed	5330	00-584-1840
5330	00-640-9938	Packing, preformed	5330	00-265-1085
5330	00-640-9939	Packing, preformed	5330	00-248-3838
5330	00-640-9941	Packing, preformed	5330	00-265-1095
5330	00-641-0642	Packing, preformed	5330	00-050-1224
5330	00-641-1483	Gasket	5330	00-285-3684
5330	00-641-1580	Gasket	5330	00-199-5886
5330	00-641-3761	Packing, preformed	5330	00-194-3734
5330	00-641-3762	Packing, preformed	5330	00-231-4114
5330	00-651-4396	Packing, preformed	5330	00-194-3720
5330	00-652-3594	Seal, plain encased	5330	00-177-9635
5330	00-663-7953	Packing, preformed	5330	00-223-2880
5330	00-663-8336	Packing with retainer	5330	00-543-6114
5330	00-664-6851	Packing, preformed	5330	00-292-9914
5330	00-670-8081	Packing, preformed	5330	00-054-6933
5330	00-672-0763	Packing with retainer	5330	00-840-0422
5330	00-677-4868	Washer, nonmetallic	5330	00-729-6530
5330	00-684-2056	Packing, preformed	5330	00-265-1074
5330	00-684-2246	Packing, preformed	5330	00-250-0224
5330	00-684-3423	Packing, preformed	5330	00-618-1920
5330	00-684-6003	Packing, preformed	5330	00-248-3842
5330	00-700-4118	Packing, preformed	5330	00-285-9842
5330	00-701-7798	Washer, nonmetallic	5330	00-729-6527
5330	00-725-8258	Packing, preformed	5330	00-196-5337
5330	00-727-1040	Packing, preformed	5330	00-248-3844
5330	00-727-2883	Packing, preformed	5330	00-585-7723
5330	00-737-5098	Packing, preformed	5330	00-196-5385

<i>Old Stock No</i>		<i>Item Name</i>	<i>New Stock No</i>	
<i>Group Class</i>	<i>Catalogue Number</i>		<i>Group Class</i>	<i>Catalogue Number</i>
5330	00-752-7724	Packing, preformed	5330	00-582-2855
5330	00-752-8402	Packing, preformed	5330	00-198-6186
5330	00-766-7622	Designator	5330	00-026-5183
5330	00-787-8799	Packing, preformed	5330	00-198-6177
5330	00-792-0966	Seal, plain encased	5330	00-811-4526
5330	00-800-8776	Packing, preformed	5330	00-584-1036
5330	00-801-4415	Transformer, power	5330	00-801-6318
5330	00-801-4810	Packing, preformed	5330	00-196-5368
5330	00-801-8400	Packing, preformed	5330	00-248-3846
5330	00-811-0316	Packing, preformed	5330	00-559-1291
5330	00-814-2309	Packing, preformed	5330	00-641-0231
5330	00-816-0847	Packing, preformed	5330	00-194-3730
5330	00-816-3700	Packing, preformed	5330	00-227-9483
5330	00-819-9038	Packing, preformed	5330	00-640-9613
5330	00-824-9675	Packing, preformed	5330	00-579-6518
5330	00-827-4551	Packing, preformed	5330	00-913-2663
5330	00-829-1242	Seal, plain encased	5330	00-753-2309
5330	00-832-7492	Washer, spring	5310	00-353-6836
5330	00-841-7358	Packing, preformed	5330	00-599-2934
5330	00-893-9360	Packing, preformed	5330	00-265-1075
5330	00-976-3267	Seal, plain encased	5330	00-873-2693
5330	00-976-9693	Packing, assembly	5330	00-202-2588
5330	00-993-3791	Packing, preformed	5330	00-194-3725
5330	00-050-2691	Switch	5930	00-501-3905
5330	00-053-1358	Screw, machine	5305	00-053-1358
5330	00-063-4401	Seal	1440	00-063-4401
5330	00-187-1506	Spacer, ring	5340	00-187-1506
5330	00-187-3633	Packing, preformed	5330	00-050-1211
5330	00-193-9812	Spacer, ring	5340	00-193-9812
5330	00-199-5937	Spacer, ring	5340	00-199-5937
5330	00-230-6949	Packing, preformed	5340	00-230-6949
5330	00-250-5960	Spacer, ring	5340	00-250-5960
5330	00-260-9307	Packing, preformed	5330	00-187-3635
5330	00-285-9841	Packing, preformed	5330	00-808-0794
5330	00-291-3843	Packing, preformed	5330	00-248-3836
5330	00-291-8901	Washer, nonmetallic	5330	00-290-1483
5330	00-291-9656	Packing, preformed	5330	00-599-0878
5330	00-310-6934	Bush, rubber	5340	00-310-6934
5330	00-391-9936	Washer, nonmetallic	5330	00-599-1305
5330	00-505-6212	Packing, preformed	5330	00-171-8068
5330	00-514-5672	Packing, preformed	5330	00-579-3156
5330	00-519-0014	Winding, motor field	6105	00-519-0014
5330	00-530-2002	Packing, preformed	5330	00-260-9311
5330	00-550-6741	Packing, preformed	5330	00-812-1105
5330	00-570-8377	Spacer, motor project.	6105	00-570-8377
5330	00-579-3154	Screw, self-locking	5305	00-579-3154
5330	00-579-6834	Packing, preformed	5330	00-824-8584
5330	00-580-3108	Packing, preformed	5330	00-585-6663
5330	00-599-4796	Spacer, ring	5340	00-599-4796
5330	00-599-4853	Spacer, ring	5340	00-599-4853
5330	00-599-9378	Packing, preformed	5330	00-641-0693

<i>Old Stock No</i>		<i>Item Name</i>	<i>New Stock No</i>	
<i>Group Class</i>	<i>Catalogue Number</i>		<i>Group Class</i>	<i>Catalogue Number</i>
5330	00-618-9837	Washer	5330	00-291-9914
5330	00-640-9164	Packing	5330	00-543-6114
5330	00-640-9980	Packing, preformed	5330	00-171-8068
5330	00-641-2642	Packing, preformed	5330	00-285-9837
5330	00-641-3743	Packing, preformed	5330	00-198-6163
5330	00-663-4666	Packing, preformed	5330	00-599-1756
5330	00-663-5970	Packing, preformed	5330	00-576-4082
5330	00-722-1732	Lead, housing	4610	00-722-1732
5330	00-735-3422	Packing, preformed	5330	00-841-7418
5330	00-808-2966	Clamp, loop	5340	00-808-2966
5330	00-822-2534	Washer	5310	00-196-6696
5330	00-841-1843	Packing, preformed	5330	00-841-6378
5330	00-844-9180	Packing, preformed	5330	00-727-2333
5330	00-846-1588	Washer, flat	5310	00-951-4679

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 512/56/378)

#### UNCLASSIFIED

#### 314—Stores (General) (Group Class 5820)—Radio and Television Communication Equipment Except Airborne—Change of Stock Numbers

1. The Stock Numbers of the undermentioned items have been changed as follows:

<i>Old Stock No</i>		<i>Item Name</i>	<i>New Stock No</i>	
<i>Group Class</i>	<i>Catalogue Number</i>		<i>Group Class</i>	<i>Catalogue Number</i>
5820	00-171-8156	Gasket	5820	00-171-9910
5820	00-238-7467	Antenna element	5820	00-199-8843
5820	00-295-8599	Cable assembly	5995	00-368-4085
5820	00-309-0479	Radio frequency assy	5950	00-128-9704
5820	00-309-2360	Drive assembly	5820	00-128-2151
5820	00-310-8633	Tuning unit	5820	00-248-9048
5820	00-315-2904	Switch, sub assembly	5930	00-296-7260
5820	00-328-9552	Clamp, electrical	5975	00-170-4898
5820	00-497-8559	Sleeve, antenna	5820	00-295-9420
5820	00-498-1451	Case, antenna	5820	00-693-4758
5820	00-521-5748	Cam, detent	5820	00-318-4616
5820	00-564-8825	Tuner, radio..	5820	00-311-8553
5820	00-564-8826	Tuner, radio..	5820	00-519-9362
5820	00-564-8827	Receiver, sub assy	5820	00-378-4884
5820	00-567-8926	Amplifier, sub assy	5820	00-505-2540
5820	00-604-7900	Tuner, radio frequency	5820	00-505-0358
5820	00-623-0965	Spring	5820	00-313-1446
5820	00-623-2582	Terminal board	5940	00-245-1883
5820	00-623-8438	Cable assembly	5995	00-537-5592
5820	00-649-7099	Valve, pneumatic	4820	00-839-4005

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5820	00-665-0781	Cavity, tuned .. .. .	5895	00-665-0781
5820	00-707-3252	Bearing, ball .. .. .	3110	00-155-8432
5820	00-771-0954	Tuning unit, radio frequency .. .. .	5820	00-683-4436
5820	00-771-0979	Tuning unit, radio frequency .. .. .	5820	00-683-4434
5820	00-866-5651	Packing, preformed .. .. .	5330	00-584-1231
5820	00-875-0218	Bearing, ball .. .. .	3110	00-277-0199

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 518/51/1294)

#### UNCLASSIFIED

#### 315—Stores (General) (Group Class 5940)—Lugs, Terminals and Terminal Strips—Change of Stock Numbers

1. The Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5940	00-010-1167	Terminal board .. .. .	5940	00-837-8044
5940	00-018-3760	Terminal board .. .. .	5940	00-204-8281
5940	00-023-4866	Terminal board .. .. .	5940	00-609-2597
5940	00-024-8012	Terminal board .. .. .	5940	00-636-5936
5940	00-024-8182	Terminal board .. .. .	5940	00-636-5955
5940	00-083-8330	Terminal, lug .. .. .	5940	00-283-5280
5940	00-091-6603	Post, binding .. .. .	5940	00-258-1832
5940	00-147-5355	Post, binding .. .. .	5940	00-815-2612
5940	00-156-7342	Terminal, lug .. .. .	5940	00-847-3138
5940	00-164-4204	Terminal board .. .. .	5940	00-892-2765
5940	00-164-4234	Terminal board .. .. .	5940	00-983-6096
5940	00-171-0165	Terminal board .. .. .	5940	00-665-5625
5940	00-173-8436	Terminal, lug .. .. .	5940	00-156-7344
5940	00-180-2807	Clip, electrical .. .. .	5940	00-177-1700
5940	00-193-0019	Terminal board .. .. .	5940	00-552-6849
5940	00-195-9700	Clip, electrical .. .. .	5940	00-177-1692
5940	00-197-0625	Terminal, lug .. .. .	5940	00-050-6204
5940	00-199-3652	Clip, electrical .. .. .	5940	00-220-9752
5940	00-204-5223	Clip, electrical .. .. .	5940	00-151-4045
5940	00-204-5511	Terminal board .. .. .	5940	00-204-8593
5940	00-204-7898	Terminal, lug .. .. .	5940	00-257-1601
5940	00-204-8025	Terminal feedthrough.. .. .	5940	00-271-5577
5940	00-204-8586	Terminal board .. .. .	5940	00-983-6125
5940	00-204-8785	Terminal board .. .. .	5940	00-237-8796
5940	00-204-9133	Terminal lug .. .. .	5940	00-660-3634
5940	00-204-8806	Terminal board .. .. .	5940	00-983-6059
5940	00-223-4594	Clip, electrical .. .. .	5940	00-180-2808
5940	00-223-4818	Terminal, stud .. .. .	5940	00-500-7606

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5940	00-223-4822	Terminal, stud .. .. .	5940	00-655-5764
5940	00-224-5614	Terminal board .. .. .	5940	00-192-9934
5940	00-235-2579	Terminal lug .. .. .	5940	00-703-1975
5940	00-238-3528	Terminal board .. .. .	5940	00-983-6047
5940	00-240-8157	Socket electron tube .. .. .	5935	00-240-8157
5940	00-243-0401	Terminal, lug .. .. .	5940	00-500-9140
5940	00-245-7229	Clip, electrical .. .. .	5940	00-263-1051
5940	00-245-7232	Clip, electrical .. .. .	5940	00-504-3095
5940	00-246-3421	Clip, electrical .. .. .	5940	00-552-4389
5940	00-248-5232	Clip, electrical .. .. .	5940	00-636-5928
5940	00-248-5280	Retainer, capacitor .. .. .	5910	00-511-0295
5940	00-248-5292	Clip, electrical .. .. .	5910	00-617-4720
5940	00-249-9008	Terminal feedthrough.. .. .	5940	00-665-4766
5940	00-258-4471	Terminal board .. .. .	5940	00-983-6056
5940	00-271-5286	Terminal feedthrough.. .. .	5940	00-271-5587
5940	00-258-2462	Clip, electrical .. .. .	5940	00-195-9684
5940	00-258-5193	Terminal, stud .. .. .	5940	00-258-5327
5940	00-258-5323	Terminal, stud .. .. .	5940	00-636-8007
5940	00-259-4885	Terminal board .. .. .	5940	00-171-0245
5940	00-259-9400	Terminal board .. .. .	5940	00-271-2225
5940	00-260-0409	Clip, electrical .. .. .	5940	00-258-2462
5940	00-260-0461	Clip, electrical .. .. .	5940	00-501-8365
5940	00-263-4399	Terminal board .. .. .	5940	00-983-6083
5940	00-270-7346	Terminal board .. .. .	5940	00-983-6111
5940	00-280-1725	Terminal feedthrough.. .. .	5940	00-771-8139
5940	00-283-3482	Terminal board .. .. .	5940	00-636-5363
5940	00-296-7888	Terminal board .. .. .	5940	00-549-6373
5940	00-308-4429	Terminal lug .. .. .	5940	00-204-7898
5940	00-329-5773	Terminal lug .. .. .	5940	00-501-8639
5940	00-331-2266	Terminal feedthrough .. .. .	5940	00-581-6401
5940	00-331-2440	Terminal board .. .. .	5940	00-263-4399
5940	00-331-2974	Terminal board .. .. .	5940	00-577-0734
5940	00-391-9651	Terminal board .. .. .	5940	00-192-9968
5940	00-391-9839	Terminal, lug .. .. .	5940	00-187-5124
5940	00-445-9075	Clip, electrical .. .. .	5940	00-248-5280
5940	00-473-7897	Fuseholder .. .. .	5920	00-391-0551
5940	00-501-0266	Terminal board .. .. .	5940	00-549-6340
5940	00-501-5826	Terminal, lug .. .. .	5940	00-518-5045
5940	00-505-5362	Terminal strip .. .. .	5940	00-386-0923
5940	00-505-6095	Clip, electrical .. .. .	5940	00-660-5645
5940	00-505-7560	Clip, fuse .. .. .	5920	00-090-3126
5940	00-511-6703	Terminal board .. .. .	5940	00-235-8503
5940	00-511-8189	Terminal board .. .. .	5940	00-171-0395
5940	00-513-2262	Ferrule, radio .. .. .	5940	00-812-1668
5940	00-513-2996	Terminal board .. .. .	5940	00-316-8994
5940	00-513-3209	Terminal, lug .. .. .	5940	00-177-7910
5940	00-518-8133	Terminal, lug .. .. .	5940	00-503-9995
5940	00-518-8185	Terminal, stud .. .. .	5940	00-259-5743
5940	00-520-2039	Clip, electrical .. .. .	5940	00-245-7232
5940	00-539-2172	Terminal, stud .. .. .	5940	00-752-0064
5940	00-543-8318	Post, binding .. .. .	5940	00-258-4719

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5940	00-549-2453	Terminal board	5940	00-983-6067
5940	00-549-2736	Terminal, stud	5940	00-159-0243
5940	00-549-2740	Terminal, stud	5940	00-223-4822
5940	00-549-5964	Terminal, lug	5940	00-542-9159
5940	00-549-8623	Clip, electrical	5940	00-242-8512
5940	00-552-4392	Terminal board	5940	00-983-6046
5940	00-552-5224	Terminal, stud	5940	00-820-4549
5940	00-553-2285	Terminal board	5940	00-502-4522
5940	00-553-2852	Terminal, stud	5940	00-846-8113
5940	00-556-6194	Post, binding	5940	00-223-5295
5940	00-560-0096	Ferrule, electrical	5940	00-845-0494
5940	00-561-2519	Clip, electrical	5940	00-617-7989
5940	00-568-0829	Terminal board	5940	00-644-7921
5940	00-571-5084	Terminal board	5940	00-331-2974
5940	00-571-5097	Terminal, lug	5940	00-156-7121
5940	00-578-2981	Clip, electrical	5940	00-248-5280
5940	00-581-0198	Terminal, stud	5940	00-581-2530
5940	00-581-4772	Terminal, lug	5940	00-280-0875
5940	00-581-7123	Terminal, stud	5940	00-539-2172
5940	00-581-7124	Terminal, stud	5940	00-552-5224
5940	00-583-2118	Terminal board	5940	00-959-7710
5940	00-602-8872	Terminal board	5940	00-224-5629
5940	00-603-8146	Terminal board	5940	00-259-4874
5940	00-615-2281	Post, binding	5940	00-688-2770
5940	00-615-3093	Clip, electrical	5940	00-188-2219
5940	00-615-5240	Terminal, stud	5940	00-666-0732
5940	00-621-6832	Terminal board	5940	00-836-7401
5940	00-626-3522	Ferrule radio	5940	00-755-4199
5940	00-636-5314	Terminal, lug	5940	00-836-3536
5940	00-636-5512	Post, binding	5940	00-241-1505
5940	00-636-6512	Clip, electrical	5940	00-151-4027
5940	00-636-6625	Post, binding	5940	00-272-1372
5940	00-642-0155	Terminal, stud	5940	00-283-5262
5940	00-642-2067	Terminal board	5940	00-204-5509
5940	00-642-3897	Terminal, lug	5940	00-159-1293
5940	00-642-4894	Terminal board	5940	00-272-2905
5940	00-642-5163	Terminal board	5940	00-204-8237
5940	00-643-5028	Post, binding	5940	00-815-2612
5940	00-643-6287	Terminal board	5940	00-234-5750
5940	00-643-6655	Clip, electrical	5940	00-552-4389
5940	00-652-9081	Terminal block	6115	00-518-7689
5940	00-665-4439	Terminal board	5940	00-259-4883
5940	00-665-4448	Terminal board	5940	00-983-6051
5940	00-665-4757	Post, binding	5940	00-259-7929
5940	00-665-9128	Terminal board	5940	00-549-6342
5940	00-666-0862	Terminal, lug	5940	00-151-9375
5940	00-673-1987	Terminal, stud	5940	00-543-8537
5940	00-686-7327	Terminal, lug	5940	00-614-0537
5940	00-691-3785	Terminal, lug	5940	00-686-7494
5940	00-698-7474	Terminal board	5940	00-581-6702
5940	00-699-1606	Terminal board	5940	00-204-5956

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5940	00-703-1975	Terminal, lug	5940	00-197-9722
5940	00-713-0053	Terminal, stud	5940	00-204-8023
5940	00-714-8870	Post, binding	5940	00-356-2493
5940	00-716-7266	Terminal, stud	5940	00-258-5328
5940	00-771-9454	Shield, electron	5960	00-080-5670
5940	00-787-1288	Retainer, transistor	5960	00-878-5222
5940	00-787-4857	Clip, electrical	5940	00-248-5292
5940	00-788-2869	Terminal, lug	5940	00-258-2101
5940	00-808-4859	Ferrule, radio	5940	00-840-6438
5940	00-809-7471	Terminal, feedthrough	5940	00-552-3148
5940	00-811-7404	Terminal, stud	5940	00-159-0227
5940	00-812-4246	Terminal, lug	5940	00-660-3631
5940	00-816-0888	Ferrule, electrical	5940	00-842-5919
5940	00-816-5243	Terminal, stud	5940	00-279-5350
5940	00-819-0532	Terminal, lug	5940	00-500-7249
5940	00-819-7149	Cap, electrical	5975	00-819-7149
5940	00-833-6014	Terminal, stud	5940	00-543-8413
5940	00-838-2873	Post, binding	5940	00-556-6194
5940	00-846-7964	Terminal, lug	5940	00-159-1290
5940	00-847-1243	Terminal, stud	5940	00-258-5200
5940	00-847-7325	Terminal board	5940	00-949-5550
5940	00-851-1124	Terminal, stud	5940	00-269-8064
5940	00-857-9035	Terminal, lug	5940	00-155-9693
5940	00-864-5327	Solenoid, electrical	5940	00-518-9611
5940	00-865-3221	Terminal, stud	5940	00-500-5644
5940	00-889-8079	Terminal, stud	5940	00-280-0601
5940	00-892-2992	Terminal, stud	5940	00-272-3708
5940	00-988-0870	Terminal board	5940	00-702-3733
5940	00-993-4713	Terminal, stud	5940	00-159-0229
5940	00-993-4931	Ferrule, radio	5940	00-626-3520

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/71/146)

## UNCLASSIFIED

### 316—Stores (General) (Group Class 6610)—Flight Instruments—Change of Stock Numbers

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
6610	00-028-2199	Pawl assy, gypo	6615	00-028-2199
6610	00-095-8293	Ring gasket	6685	00-694-8977
6610	00-096-1295	Block assy, brush	6615	00-096-1295
6610	00-096-1296	Pivot assy, housing	6615	00-096-1296
6610	00-096-1461	Jewel	6615	00-096-1461

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
6610	00-096-1500	Shim .. ..	5340	00-537-1366
6610	00-096-1502	Shim .. ..	5340	00-537-1368
6610	00-096-1506	Shim .. ..	5340	00-537-1371
6610	00-176-5393	Plate, bank and turn .. ..	6615	00-176-5393
6610	00-176-5394	Plate wheel .. ..	6615	00-176-5394
6610	00-181-4567	Bearing jewel .. ..	6600	00-341-1280
6610	00-232-9469	Altimeter, pressure .. ..	6610	00-530-5956
6610	00-304-6867	Spring link .. ..	6610	00-620-9491
6610	00-304-6933	Pivot .. ..	1660	00-036-8050
6610	00-322-5562	Spacer and slinger .. ..	6615	00-322-5562
6610	00-322-6131	Track, ball .. ..	6615	00-322-6131
6610	00-323-7681	Gear and guide assy .. ..	6615	00-323-7681
6610	00-329-0405	Insulator bushing .. ..	5970	00-329-0405
6610	00-334-6995	Weight, balance, rate .. ..	6615	00-334-6995
6610	00-337-5467	Support assy .. ..	6615	00-337-5461
6610	00-337-5463	End, gimbal .. ..	6615	00-337-5463
6610	00-388-9191	Bushing, rubber .. ..	5340	00-388-9191
6610	00-474-5535	Shaft assy .. ..	6615	00-474-5535
6610	00-487-5595	Spring ring .. ..	6685	00-334-6861
6610	00-518-6894	Clamp electrical .. ..	6615	00-518-6894
6610	00-526-2274	Shim .. ..	5340	00-526-2274
6610	00-526-2275	Shim .. ..	5340	00-526-2275
6610	00-526-2281	Shim .. ..	5340	00-526-2281
6610	00-526-2285	Shim .. ..	5340	00-526-2285
6610	00-526-2286	Washer flat .. ..	5310	00-526-2286
6610	00-526-2400	Shim .. ..	5340	00-319-4033
6610	00-534-4700	Rotor assy .. ..	6615	00-534-4700
6610	00-589-5107	Shaft assy .. ..	6615	00-589-5107
6610	00-590-0079	Counterweight .. ..	6615	00-590-0079
6610	00-629-0082	Arm assy .. ..	6615	00-629-9626
6610	00-652-0790	Stator motor .. ..	6105	00-586-6443
6610	00-662-9464	Bushing sleeve .. ..	6615	00-662-9464
6610	00-663-4229	Indicator, liquid quantity .. ..	6680	00-663-4229
6610	00-693-7719	Washer, key .. ..	5310	00-693-7719
6610	00-694-8186	Stop, eccentric .. ..	6615	00-694-8186
6610	00-694-8187	Stop, eccentric .. ..	6615	00-694-8187
6610	00-694-8188	Stop, eccentric .. ..	6615	00-694-8188
6610	00-694-8189	Stop, eccentric .. ..	6615	00-694-8189
6610	00-694-8191	Stop, eccentric .. ..	6615	00-694-8191
6610	00-694-8192	Stop, eccentric .. ..	6615	00-694-8192
6610	00-694-8193	Stop, eccentric .. ..	6615	00-694-8193
6610	00-703-6131	Stator assy .. ..	6615	00-703-6131
6610	00-726-5939	Spring .. ..	5340	00-641-9511
6610	00-726-5940	Spring .. ..	5340	00-637-2865
6610	00-727-6970	Stator, motor .. ..	6615	00-727-6970
6610	00-810-7815	Indicator .. ..	6610	00-526-4414

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

(DSAP 603/56/1496)

## UNCLASSIFIED

### 317—Stores (General) (Group Class 6680)—Liquid and Gas Flow, Liquid Level and Mechanical Motion Measuring Instruments—Change of Stock Numbers

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
6680	00-551-3725	Thermostat, flow .. ..	6620	00-551-3725
6680	00-606-0261	Shaft and lub assy .. ..	6620	00-606-0261
6680	00-606-0441	Spring .. ..	6620	00-606-0441
6680	00-606-0443	Rotar assy .. ..	6620	00-606-0443
6680	00-606-0444	Stator assy .. ..	6620	00-606-0444
6680	00-606-0446	Shaft assy small .. ..	6620	00-606-0446
6680	00-606-0447	Shaft and gear assy .. ..	6620	00-606-0447

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 506/51/405)

## UNCLASSIFIED

### 318—Tubes—Electronic (Including Semi-conductor Devices)—The Services List of Preferred Electronic Tubes—DEF (AUST) 3800A

1. Electronic tubes for use in Service equipment of Australian design should be selected as far as possible, from those listed in the latest revision of Australian Defence Standard DEF (Aust) 3800A 'Electron Tubes and Semi-Conductors'. The lists of electronic tubes and semi-conductor devices included in DEF (Aust) 3800A are reviewed at appropriate intervals and kept up to date, in line with best modern tubes practices.

2. The objects of publishing DEF (Aust) 3800A are:

- to ensure that only modern and readily available tubes are used in Service equipment of Australian design, and
- to prevent the unnecessary addition of new types of tubes as items of Service stores.

3. Ordering authorities are to ensure that every invitation to tender for any equipment which might involve a new design employing electronic tubes (including radio tubes, cathode ray tubes, photo cells, voltage regulator tubes, magnetrons, klystrons gas switch tubes, semi-conductor diodes and transistors) stipulates that a report in the form of Appendix 'A' to DEF (Aust) 3800A shall accompany the tender. This report requires the provision of a list of the electronic tubes the tenderer intends to use in the design. Copies of these reports are to be forwarded to the Chief of Naval Technical Services for approval prior to placing the order.



4. Copies of DEF (Aust) 3800A may be obtained by authorities concerned from The Manager, Central Drawing Office, Department of Supply, Maribyrnong, Victoria 3032.

5. Navy Order 222 of 1965 is hereby cancelled.

(DNS 519/54/41)

(Navy Order 222 of 1965)

## Section 5

### BOOKS, CORRESPONDENCE, FORMS AND STATIONERY

#### UNCLASSIFIED

#### 319—Forms—Dispatch of Stores—Introduction of Form ST 100 Freight/Warrant Consignment Note

1. A new combined Freight/Warrant Consignment Note, common to the Departments of Navy, Army and Air, is being introduced. In the RAN the new form will be known as Form ST 100.

2. Form ST 100 is to be used in place of the following existing forms on all occasions when goods are dispatched by rail, private road contractor or air:

Forms AS 559Y—Cartage Warrant

Forms AS 559Z—Railway Consignment Note

Forms AD 78—Shipping/Interim Receipt Note for Stores

Forms AD 80—Consignment Note

3. Forms ST 100 will be supplied in books comprising 50 sets of five with all copies except quintuplicate (book copy) perforated. No carbon paper is needed in completing these forms as the paper used is specially treated. It is necessary however to place a sheet of cardboard or similar material between the quintuplicate copy of the set being prepared and the original copy of the next set to prevent data being transferred to the next set in the book. Copies are to be disposed of as follows:

*Original:* Carriers copy for use by carrying authority to support claim for repayment.  
(White copy)

*Duplicate:* Carriers copy for retention by the carrying authority.  
(Pink copy)

*Triplicate:* To be forwarded to the consignee (in same manner as existing Form AD 80), receipted and returned to consignor as evidence of receipt of packages.  
(Yellow copy)

*Quadruplicate:* To be receipted by carrier or carrying authority's representative when goods are accepted for dispatch and retained by consignor.  
(Green copy)

*Quintuplicate:* Book copy.  
(White copy)

4. In regard to goods dispatched by air, both TAA and Ansett-ANA have agreed to accept Forms ST 100 in lieu of their own documentation; however, they will continue to raise their own consignment notes after dispatch of the goods. When these airline consignment

notes are received by the consignor, the number of the form is to be endorsed on the relevant book copy of Form ST 100 before being filed. This will facilitate any subsequent investigation of queries.

5. Initial requirements of the new forms are to be demanded from SVSO, Sydney, in the usual manner. On their receipt, use of Forms AS 559Y and AS 559Z is to be discontinued and any stocks held are to be disposed of. Forms AD 78 and AD 80 are to continue to be used for purposes other than those covered by the foregoing instructions.

6. ABR 4 Article 2902 will be amended.

(DSAP 464/77/16)

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RESTRICTED

ANO's 320-333/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
21 June 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY

RESTRICTED

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321	RAN Submarine Branch—Sailors—Conditions of Service.
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## SECTION 1 ADMINISTRATIVE AND GENERAL

UNCLASSIFIED

### 320—Commissioning

The following commissioning has been effected:

HMAS OTWAY . . . . . 23 April 1968  
(AS (NS) 1211/251/200)

## Section 2 PERSONNEL

UNCLASSIFIED

### 321—RAN Submarine Branch—Sailors—Conditions of Service

1. Sailors who volunteer for service in the RAN Submarine Branch will continue to be selected from General Service categories. Where insufficient volunteers are available selected suitable sailors will be posted for submarine training.

2. Initial submarine training will be undertaken at the RN Submarine School, HMS DOLPHIN, Portsmouth, UK.

3. The conditions for entry, training and promotion of sailors of the Submarine Branch are contained in ABR 27 Volume 2 Chapter 8 and ABR 10/1964 Chapter 8. Medical, eyesight and colour perception standards are contained in ABR 1991.

#### Period of Service

4. The initial period of service in the Submarine Branch will be five years from completion of basic submarine training, irrespective of whether the sailor was a volunteer or was selected. Date of completion of basic submarine training will be regarded as date of first posting to a submarine.

5. Sailors may volunteer for further periods of service of three years or until completion of engagement. Such action may be taken at any time after three years service in submarines. Intention not to volunteer for a further period of service in the Submarine Branch is to be advised to the Naval Board not later than one year before the terminal date. Indecision will be regarded as intention to continue to serve in the Submarine Branch and postings will be made accordingly for a further three years to meet the needs of the Service.

6. Sailors who do not volunteer for continuing service in the Submarine Branch or who request to revert to General Service will normally be posted to General Service billets as soon as possible after completion of their current period of service. Actual posting date will depend upon Service requirements at the time.

7. Should sufficient volunteers become available to provide reliefs, sailors who have not volunteered to continue to serve after five years may be posted to General Service within the initial five year period of service, depending upon Service requirements.

8. Sailors who have been selected for service in submarines may volunteer for this service at any time subsequent to their initial five year period.

9. The above regulations as regards period of service will not apply to war conditions.

**Submarine Badge**

10. Rules for the award and withdrawal of the Submarine Badge are contained in Navy Order 411 of 1966.

**Submarine Pay**

11. a. Regulations concerning Submarine Pay are contained in ABR 5020, NPI 77. Hard-lying money is payable in accordance with the normal rules.
- b. The provisions of Article 77/1 (a) (iii) B of ABR 5020 will apply in respect to Paragraph 43 of this order from date of posting medical.

**Postings—Sea and Shore Service**

12. The Naval Board is the posting authority for all submarine sailors. Spare crew sailors are available for immediate posting to submarines to meet operational requirements. Such postings will normally be of a temporary nature (*see* Paragraph 16).

13. The sea to shore ratio for Submarine Branch sailors will be as nearly as practicable 1.5:1 considering spare crew billets in HMAS PLATYPUS and time in refit as shore service. Normally a first commission of two years at sea will be followed by two years in spare crew or base staff. Applications to forego position on shore service rosters will be considered in the light of circumstances at the time.

14. In order to provide shore service for some categories for which there are insufficient shore billets in the Submarine Branch to provide the desired ratio, it may be necessary to post some sailors to General Service shore billets, within the first five years service. Similarly, sailors who volunteer to serve for further periods in the Submarine Branch will normally continue to be posted to submarines or to HMAS PLATYPUS although continued service will be dependent upon Service requirements. In some cases, eg, in categories where rosters may become blocked, it may be necessary for sailors to be posted to General Service billets before continuing service in the Submarine Branch. These billets will normally be in training establishments or FMP/FMU where the sailors knowledge of the Submarine Branch will contribute value to training and generate interest in the branch.

15. Spare crew sailors who are required to serve in a sea billet will be credited with the time served in a sea billet as sea time. A cumulative total of 30 days or more sea service in these circumstances will entitle the sailor to pro-rata seagoing leave.

16. Where there is an urgent requirement to relieve a crew member by spare crew for such reasons as illness or absence, the Squadron Commander is to nominate and dispatch the relief informing Navy Office by signal. Navy Office will take the necessary posting action. The following format is to be used for all movements affecting submarine sailors:

FROM: SM4  
 TO: ACNB  
 INFO: Submarine(s) concerned PLATYPUS  
 RESTRICTED (or as appropriate) ROUTINE  
 ANO 321/68

1.	A	NAME	RANK	PERSONAL NUMBER
	B	FROM		
	C	TO		
	D	DATE		
	E	ESDUR		
	F	REASON, OR REMARKS		

If more than one sailor is loaned a separate paragraph is to be used for each sailor. If the temporary posting has to be extended beyond the period originally expected, an amending signal is to be made in the following format:

ANO 321/68

G DTG REFERENCE TO PREVIOUS SIGNAL

H REVISED ESDUR

**Promotion and Promotion Training**

17. Promotion instructions for Submarine Branch sailors are contained in ABR 10/1964 Chapter 8.

18. The promotion of fully qualified RAN submarine sailors will be authorised from Navy Office in the normal manner having regard to their position on the promotion list. Separate submarine promotion lists in all ranks and categories for which there is a higher rank in submarines are maintained in Navy Office. Where there is no requirement in submarines for the higher rank, sailors are placed on the General Service promotion lists.

19. Submarine sailors on General Service lists will, in the normal course, revert to General Service when promoted. Any such sailors promoted in the United Kingdom will continue to fill the billet in the RAN submarines for which they have been trained and will revert to General Service at some suitable time after return to Australia. The only sailors on the General Service promotion list for promotion to the higher rank are LSRP, LCK and LSTD for whom there is no requirement in the Submarine Branch beyond leading rank.

20. To enhance promotion prospects in the Submarine Branch provision has been made in the Scheme of Complement for RAN submarines for one Petty Officer billet in four in the UW, UC, RS, P and WR Categories to be filled by the Chief Petty Officer rank.

21. Submarine Branch promotion training policy is designed to align itself as much as is possible to that for General Service sailors in order that a minimum of training should be necessary for a submarine sailor to revert to General Service.

22. Where there is no provision for a promotion course the Branch Technical Test will be either the General Service BTT with alternative submarine content or a separate Submarine BTT depending upon the category concerned. BTT will be conducted as scheduled for General Service sailors.

23. No special-to-type equipment is at present provided for training. It is therefore essential that on-the-job training be pursued by all concerned during operational time.

24. Where a submarine equipment phase is required as part of a promotion course, this will be carried out in HMAS PLATYPUS or in an operational submarine alongside.

25. Details of promotion courses and tests are contained in ABR 27 Volume 2 Chapter 8. Branch Technical Tests will be scheduled as for General Service categories.

**Coxswains**

26. It is desirable that the requirement for CPOCOX and Coxswains Mates in submarines be met from within the Submarine Branch. Recommended acting Petty Officers and provisional acting Petty Officers from the Seaman Branch of the Submarine Branch will be placed on course as necessary to meet requirements. ABR 27 Article 1119 (2)(b) gives details of eligibility.

27. Suitable Leading sailors of the Radar Plot category who wish to remain in the Submarine Branch should be encouraged to volunteer for Coxswain category. Petty Officers and acting Petty Officers and confirmed Leading Ranks of submarine seamen categories may be employed in the Coxswains Mate billet when there are insufficient volunteers for Petty Officer Coxswain. Such employment will also provide an additional promotion avenue for seamen of the Submarine Branch.

28. When a sailor from the Submarine Branch is a recommended volunteer for Coxswain this fact is to be reported to Navy Office with the words 'Highly recommended' or 'Recommended' as appropriate. The report is to be accompanied by a special report on Form PP 1.

#### Reversion to General Service

29. Submarine sailors may be reverted to General Service for the following reasons—in all cases Navy Office authority is required:

- a. completion of initial five year period of service in submarines or of subsequent further three year periods service;
- b. promotion to higher rank where no billet is available;
- c. medical unsuitability including CDA cases;
- d. inefficiency;
- e. unsatisfactory conduct;
- f. welfare reasons; or
- g. at own request.

30. If at any time a man is considered unsuitable for service in submarines due to his unsatisfactory conduct or lack of efficiency he is to be formally warned by his Captain and placed on probation for three months. A written report, accompanied by Form PP 1 where applicable is to be forwarded through the Administrative Authority. At this time the Captain should also consider whether it would be appropriate to recommend stoppage of Submarine Pay (NPI 77/1 (a) iii (c)). If at the end of the three month probationary period the sailor is still considered unsuitable, application should be made for his reversion to General Service. Such action should be taken as soon as a man is considered unsuitable and not delayed until the man is due to be posted in the normal course.

31. Captains of submarines and the Squadron Commander should be guided by the principles of the above paragraph but need not be bound too closely by the requirement to place a sailor under report for three months before applying for his reversion to General Service.

32. As a general rule, submarine sailors sentenced to detention will be reverted to General Service as unsuitable for the Submarine Branch. A sailor whose sentence of detention is suspended before committal will normally be retained in submarines. In special cases, however, the Squadron Commander may represent that these rules be waived.

33. Applications for reversion of sailors to General Service are to be forwarded to the Administrative Authority. Applications should be accompanied by Service Documents, and, where applicable Form PP 1.

34. Where the probationary period has resulted in a satisfactory improvement in conduct or efficiency the fact is to be reported to Navy Office through the Administrative Authority on Form PP 1 suitably noted in the remarks section.

35. All sailors, before reversion to General Service, are to be informed of the reasons for such action.

36. Applications for reversion to General Service at own request are to be forwarded to Navy Office through the Administrative Authority.

#### Reversion in Rank (ABR 10/1964 Chapter 4)

37. When a submarine sailor shows incompetence there may be a tendency to consider the recommendation of 'Reversion to General Service' rather than 'reversion to the lower rank'. In certain cases the latter may be more appropriate. For instance it would be illogical to recommend reversion of a Radio Supervisor to General Service without first reverting him to a lower rank because such a sailor is usually in charge of an equally or more complicated organisation in General Service.

38. A further consideration is that a sailor may be capable of efficient service in the lower rank, and in this event his retention in the Submarine Branch in the lower rank should be considered rather than reversion to General Service.

39. Where doubt exists Captains, in making application for reversion to General Service of Leading Ranks and above, are to consider whether it is likely that the sailor concerned would be adequate in General Service in his present rank or whether reversion to General Service together with reversion in rank would be appropriate.

#### SD Candidates

40. Recommendations are to be forwarded in the normal manner. Depending on qualifications yet to be obtained by candidates, posting action may be necessary to ensure that no more than two candidates are serving in the same submarine. This policy will be implemented to avoid the sudden loss of key personnel in one submarine.

#### Technical Sailors—Responsibilities

41. In order that key personnel may be readily interchangeable in submarines the employment of key sailors of technical categories should, as far as is possible, be common to all submarines. It is realised that in some categories this aim is not yet achievable but as training is progressed and particularly as suitably trained Artificers become available the employment of technical category sailors is to be standardised as follows:

<i>Rank and Category</i>	<i>Responsibility</i>
CSAW ..	Weapons System Overall. WEE Department co-ordination under WE Officer.
SAW ..	TCSS and Transmissions thereto. Sonar, Echo Sounders. Torpedoes Logs. Plots. Gyros.
POUW ..	Assist SAW on Torpedo Maintenance. Assist in Mechanical aspects of Tube Maintenance. Small Arms Maintenance.
POEWR ..	Radar. Assist SAW on Sonar. ECM Equipment. Communications Equipment, including Aerials, Office Machinery, NAVAIDS, SIRS.
LEMWR ..	Assist POEWR.
SAP ..	Electrical Distribution. Main Switchgear. Main Battery. Rotating Electrical Machinery. Sonar Hull Outfits. Directing Gear. Electrical aspects of OMC.

Rank and Category	Responsibility
POEP ..	Assist SAP. Main Battery. Electrical Stores. Internal Communications.
Outside ERA	Mechanical aspects of tubes including firing, venting and power handling equipment.
<i>Note: All ERA/MECH are to be employed on a rotational basis.</i>	
RS and LRO	Assist POEWR with aerials and aerial switching outfit.

42. The above sailors are all responsible to the Weapons and Electrical Engineering Officer for maintenance aspects except the outside ERA. All are responsible to the Marine Engineering Officer for Watertight integrity.

#### Venereal Diseases

43. Where personnel serving in submarines contact syphilis application is to be made for reversion to General Service.

44. The following instructions are to apply to sailors who contact gonorrhoea or such other infections as warrant the institution of a Form AF Med 16:

- a. *First Infection:* No action is to be taken.
- b. *Second Infection:* The sailor is to be warned by his Captain that a third infection will cause him to be reverted to General Service and his AF Med 4 is to be endorsed to the effect that he has been warned.
- c. *Third Infection:* Application is to be made for the sailor to be reverted to General Service.

45. All infections acquired in General Service are to be included as one of the infections listed above (Paragraph 44), except where the sailors Medical History Sheet has been endorsed that he has been warned as in Paragraph 44 b. above.

46. This order will be reprinted for posting on notice boards. Conditions of service will be incorporated into Regulations and Instructions for the RAN.

47. Navy Orders 21 of 1965 and 200 of 1967 are hereby cancelled.

(DMT 302/201/64)

(Navy Orders 21 of 1965, 411 of 1966 and 200 of 1967)

#### UNCLASSIFIED

##### 322—Restriction of Tattooing in the RAN

Navy Order 168 of 1968 is to be amended as follows:

###### Paragraph 1:

*delete* 19 years and *insert* 18 years.

(HPB 327/251/71)

(Navy Order 168 of 1968)

#### Section 3

#### OPERATIONAL AND TRAINING

#### UNCLASSIFIED

##### 323—Sailors Course Programme—1968

Navy Order 543 of 1967 is to be amended as follows:

###### Appendix:

910710 Junior Recruits

(Term 1) :

*amend* starting date '22.9.68' to read '9.10.68'.

(DMT 311/201/281)

(Navy Order 543 of 1967)

#### RESTRICTED

##### 324—Training Equipment Proposals—New System

1. In order to decrease the administrative delays in processing proposals for new training equipment and to facilitate action required to procure approved items, a new system of processing training equipment proposals has been introduced following a trial in 1967. This system is similar to that currently in use for the processing of annual Machinery and Plant proposals. Training Equipment Proposals may be forwarded by any shore establishment, including Reserve Training establishments, and by FOCAF for any training equipment which may be required by HMA Fleet.

###### Date of Forwarding

2. Proposals are to be forwarded annually to reach Navy Office by 31 July for the subsequent financial year. Nil returns are required.

###### Conditions to be Observed

3. Captains are to ensure that the proposals to be forwarded are the most economical means of meeting the object in view and that the full implications have been taken into account. It is of the utmost importance that they should be valid in the long term since procurement of many items, particularly those to be obtained from overseas, may take several years. Proposals which may reflect the particular opinion of officers serving in the ship or establishment at the time should be scrutinised carefully as it is often difficult and expensive to cancel procurement or delivery once this action has been embarked upon. Cancelled proposals also result in wasted administrative effort.

4. Proposals to obtain obsolete equipments should receive equally careful consideration. Although the item cost may be negligible, administrative, removal and delivery costs and subsequent maintenance costs may be high. The probable lack of spares support should be borne in mind.

###### Summary Lists

5. To assist authorities in the compilation of proposals, a summary of those currently being processed for each authority will be forwarded to that authority on 1 June each year. Each authority is to forward with the Annual Proposals a list showing errors, omissions or items on which the Navy Office Summary and the

authorities records are in disagreement. It is particularly important that Navy Office attention be drawn to any items supplied which have not been deleted from the Summary.

6. This Summary will also provide each authority with information on items proposed by other authorities for installation in ships and establishments, eg, an item included in a draft Project Directive.

#### Preparation

7. Proposals are to be forwarded by FOCAF and establishments on Forms SO 104 (see Annex) in quintuplicate to Navy Office, one copy of the form without enclosures being forwarded to Administrative Authorities for information. (Ships are to forward all six copies of the form to FOCAF.) Three copies of the forms forwarded to Navy Office must be accompanied by full specifications, brochures and any other relevant details. (See also 'Proposals'.)

8. Where more than one item of equipment of identical type and size is required for the same establishment these items may be included on the same copies of Form SO 104. Forms SO 104 in course of printing, will be supplied without demand.

#### Priority

9. Forms are to be numbered in order of priority for the establishment and by FOCAF for ships.

#### Definition

10. It is not possible to provide a concise definition of items which fall into the category of training equipment, but as a generalisation, all articles provided for the prime purpose of training are included. An exception is classroom furniture and fittings. Similarly, items in training establishments required to support training, eg, buses, cranes, galley equipment, etc, which are not provided for instruction, are excluded. Items of a doubtful nature should be submitted.

#### Proposals

11. Full details are to be given regarding each proposal. Proposals not supported by full details cannot be considered for inclusion in the programme for the ensuing financial year. Specifications must be complete in all respects and include:

- a. full particulars of the items together with all their associated or ancillary accessories;
- b. if it is proposed to purchase non-service equipment, detailed reasons why the service item is inappropriate or inadequate should be stated;
- c. where electrically driven machine tools or similar machinery are involved, particulars of the electric supply and type of starter and control gear preferred;
- d. particulars of two or three proprietary items which would alternatively meet requirements; and
- e. details of weight and proposed compensating surrender are to be included with proposals from ships.

12. Where appropriate, the assistance of Dockyard Officers should be obtained in determining these details. Full compliance with these instructions is essential to reduce delays in ordering and procurement.

#### Reason for Proposal

13. Once again a full explanation is required. This should show such information as the number of students which use this equipment(s) at any one time. The reason(s) why staggered instruction on equipments (where more than one is required) cannot be programmed, and if the equipment is expensive, why a cheaper and simpler type will not suffice.

#### Costs

14. Although it may not always be possible to include accurate cost estimates an estimate is always to be given, the basis on which costs have been estimated being stated.

#### Complement

15. Where the proposals will affect the complement, either naval or civilian, this is to be reported in the submission.

#### Department of Works Component

16. Full details of any Department of Works component involved in the installation of a proposed item are to be included on or attached to Form SO 104. These components include:

- a. new buildings or alterations and additions to existing buildings, together with associated services;
- b. services other than or additional to requirements at a. (eg, additional or extended electrical reticulation consequent on the supply and installation of an additional electrical generator); and
- c. foundations not covered in a. (eg, foundations for a crane external to a building).

17. The estimated costs of any such works, services, etc, are also to be shown on the same Form SO 104 which contained the item of equipment with which they are associated, but these costs are to be shown as separate amounts from those applicable to the provision, installation by dockyard or ships staff and maintenance of the proposed equipment. The authority for the estimate should be stated and the estimate should normally be prepared by or in consultation with the Department of Works.

18. Where the Department of Works component involves the installation of a number of proposed items of equipment, the details and costs of the works component should be included on one form only, and each relevant Form SO 104 cross-referenced.

19. These works and services are to be included in the new works proposals submitted annually to Navy Office by Administrative Authorities and are to be properly described and annotated to indicate clearly the specific item of equipment with which they are associated.

20. The installation of equipment associated with works projects requires careful advanced planning as it contains two distinct components:

- a. the procurement and installation of that equipment which is not the responsibility of the Department of Works; and
- b. the associated works component which involves the provision of the accommodation for the equipment.



**Supplementary Proposals**

21. Supplementary proposals are only to be forwarded in exceptional circumstances, and explanations must be given why they cannot be deferred until the following year. These proposals should indicate the order of priority as related to the main proposals previously forwarded.

**Replacement of Unserviceable Approved Items**

22. Requirements for replacement of unserviceable items previously approved as a training equipment allowance should not be included in annual proposals. Such items should be surveyed and disposed of or returned to store, as appropriate, and replacement demanded in the normal manner.

**New Equipments Not Yet in Service**

23. Arrangements for procurement of training equipments to support new equipments to be introduced into service will be incorporated in the project directive for the new equipment.

**Consumable Items, Spares and Minor Items**

24. Annual proposals should not include consumable items and spares where these are required to support approved equipments. Such items should be demanded in the normal manner.

25. Items or groups of items of total cost less than \$250 should not be included in annual proposals, but should be processed as the requirement arises using approved procedures for obtaining stores in excess of allowances.

**Notification of Approvals**

26. Authorities will be advised of the items approved for inclusion in the draft estimates and will be further advised of any subsequent changes resulting from financial adjustments of estimates or programme.

**Procurement**

27. Procurement of approved items will be initiated at Navy Office, a separate file being raised for the procurement of each item or group of items of similar type. Supply will be effected without demand.

**Notification of Receipt**

28. In order to ensure that Navy Office records are complete, authorities are to inform the Director of Manning and Training by airgram when training equipment has been received complete, and if applicable, installed. The following format is to be used:

FROM: CERBERUS

TO: ACNB

(APPROPRIATE SECURITY CLASSIFICATION) ROUTINE

FOR DMT

TEP TC 202G MAGNETIC AMPLIFIER TRAINER INSTALLED.

**Numbering of Proposals**

The numbering system is arranged as follows:

**Prefix:**

T	Indicates 'Equipment approved under 1966 Cabinet Submission on Training Equipment'
A	ALBATROSS
B	MORETON (BRISBANE)
C	CERBERUS
D	MELVILLE (DARWIN)
E	ENCOUNTER
H	HARMAN
J	CRESWELL (JERVIS BAY)
K	KUTTABUL
L	LEEUWIN
M	TARANGAU (MANUS) AND PNGD
N	NIRIMBA
O	OTHER
P	PENGUIN
R	RUSHCUTTER
U	HUON
V	LONSDALE (VICTORIA)
W	WATSON

**Suffix:**

A	Artificer Training
G	General Training
I	Ikara Training
O	Obsolete, to be removed
R	Reserve Training
X	Transfer

29. Each proposal for each establishment will be given a separate serial number allotted by Navy Office, eg, TL 84 0 was included in the Cabinet Submission on training equipment, and is the 84th item on HMAS LEEUWIN's overall list of proposals. The proposal is for the removal of obsolete equipment.

30. ABR 27 Volume 2 Articles 0122 and 0123 will be amended.

**ANNEX**

SO 104  
(1968)

**TRAINING EQUIPMENT PROPOSALS**

DISTRIBUTION: Forward 5 copies to Navy Office and 1 copy to Administrative Authority.

NOTE: Failure to provide full details in all sections will result in postponement of consideration of this equipment for 12 months.

NAVY OFFICE USE ONLY
Navy Office File No
TEP No

**SHIPS AND ESTABLISHMENTS TO COMPLETE**

HMAS	PRIORITY.....OF.....ITEMS	FINANCIAL YEAR 19...../19.....
PROPOSAL: Full description including specification or description, maker/Australian Agent, availability, Patt No if Service equipment. 3 copies of detailed specifications and brochures are to be attached where appropriate.		
PROPOSED LOCATION AND CATEGORY(IES) TO BE TRAINED:		
REASON FOR PROPOSAL (Full explanation required):		
DETAILS OF SAME OR SIMILAR EQUIPMENTS HELD WITHIN SCHOOL/ESTABLISHMENT AND DETAILS OF OBSOLETE EQUIPMENT TO BE REPLACED WHERE APPROPRIATE:		

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1 COMPLEMENT INCREASE/ DECREASE	2 EQUIPMENT COST	3 INSTALLATION COST	4 12 MONTHS MAINTENANCE COST	5 TOTAL COST \$ AUST. (Columns 2, 3 and 4)
	UNIT \$	UNIT \$	UNIT \$	\$
	TOTAL \$	TOTAL \$	TOTAL \$	
REMARKS:				

**NAVY OFFICE USE ONLY**

TEP Priority..... of ..... Total..... Items.					
RECOMMENDATION <input type="checkbox"/> APPROVED <input type="checkbox"/> NOT APPROVED <input type="checkbox"/> FINANCE NOT AVAILABLE	DECISION <input type="checkbox"/> APPROVED <input type="checkbox"/> NOT APPROVED <input type="checkbox"/> FINANCE NOT AVAILABLE				
ESTIMATED COST \$	ACTUAL COST \$				
ESTIMATED DELIVERY DATE	ACTUAL DELIVERY DATE				
SPREAD OF EXPENDITURE					
<table border="1"> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>					
SUPPLIER	CLAIMS PASSED FOR PAYMENT				
REMARKS					

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## UNCLASSIFIED

**325—Training of Civilians in Naval Establishments—Policy**

Navy Order 682 of 1966 is to be amended as follows:

**Paragraph 1:**

*delete* existing Sub-paragraph (e) and *insert* the following in lieu:

'(e) Diving training is to be limited to UNCLASSIFIED aspects of the Diver syllabus.'

(DMT 186/1/42)

(Navy Order 682 of 1966)

**Section 4****EQUIPMENT, STORES AND SERVICING**

## UNCLASSIFIED

**326—Alteration and Addition Item—HMAS MORESBY**

Navy Order 89 of 1968 has been amended as follows:

**Class List Item No:**

*delete* existing Class List Item No and *insert* the following in lieu:

'Class List Item No 30 (Ex TDL 'NHAI')'.

(CNTS 1228/52/141)

(Navy Order 89 of 1968)

## RESTRICTED

**327—Alteration and Addition Item—HMAS SYDNEY**

The following Alteration and Addition Item is approved to be carried out in HMAS SYDNEY:

*Class List Item No 332 (Ex TDL 'Y')*.

- a. *Item:* Portable cargo stowages are to be provided in A, B and C hangars in accordance with Navy Office Drawing No 205/384 Rev 1 (Garden Island No 467/53 Rev 3, Sheet 1).
- b. *References:* (1) HMAS SYDNEYs Memorandum 2/1/51 dated 6 December 1965, forwarded under cover of FOCAFs Memorandum 5/5 dated 22 December 1965.  
 (2) HMAS SYDNEYs Form AS 1182 TDL 'Y' dated 27 January 1966, forwarded under cover of FOCAFs Memorandum AF 1903/30 dated 9 February 1966.  
 (3) HMAS SYDNEYs Message 020022Z February 1966.  
 (4) FOCAFs Message 030504Z February 1966.  
 (5) ACNBs Message 160855Z February 1966.  
 (6) GMGIDs Memorandum DN 20-20-444 dated 3 March 1966.  
 (7) CNTS Memorandum 1213/253/37 dated 30 March 1966.

(CNTS 1213/253/37)

## UNCLASSIFIED

**328—Fire Precautions—Electric Appliances**

1. A recent serious fire in the RAN was caused by an electric hot water urn, located on a combustible surface, boiling dry. Urns, electric kettles, jugs and similar appliances are not to be used unless placed on a surface of incombustible material in such a way that the appliances are at least 12 inches from any surrounding combustible material. In some cases, metal brackets, designed to meet these requirements, might be the best solution and installation of these wherever possible, is recommended.

2. Base mounting requirements may be stated as follows:

The base on which electric urns and food heating appliances are mounted should be metal or other incombustible material which is thermally insulated by an airspace, or otherwise, from combustible material. Free circulation is essential in the air space, which should be open on at least three sides and be not less than one and a half inches in depth.

3. Electric urns not fitted with an automatic cut out with manual reset device are not to be used.

4. The 'ON' position of supply switches is to be clearly marked.

5. Ship fitted equipment is to comply with Navy Office Spec 1223; that in shore establishments with AS CC1.

(CONS 1446/201/4)

## UNCLASSIFIED

**329—Insurance of Canteen Stocks and Equipment in War Zones**

1. In order to provide insurance cover for canteen stocks and equipment of HMA ships operating in war zones the RAN Central Canteens Board have established a War Damage Insurance Contingency Reserve Fund.

2. The Treasury have advised that they would consider reimbursing any loss of canteen stocks due to enemy action in excess of the amount in the Reserve Fund provided the basis of such a fund was reasonable. In this regard, Treasury agree with the basis of the RAN War Damage Insurance Contingency Reserve Fund which has now been established.

3. HMA ships should continue to insure canteen stocks and equipment against normal losses.

(DFSD 210/51/29)

## UNCLASSIFIED

**330—Stores (General) (Group Class 4820)—Valves, Non-powered—  
Change of Stock Numbers**

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
4820	00-032-5121	Disk, pilot valve .. ..	4810	00-035-7808	
4820	00-202-9529	Valve, globe .. ..	4820	00-288-7187	
4820	00-287-3923	Valve, globe .. ..	4820	00-287-3317	
4820	00-347-9735	Seat, valve .. ..	4820	00-036-2227	
4820	00-375-8675	Pin set, valve .. ..	4130	00-572-1469	
4820	00-391-3783	Cock, drain .. ..	4820	00-720-4488	
4820	00-506-2759	Valve plate assembly .. ..	4130	00-349-4291	
4820	00-506-2836	Diaphragm, valve .. ..	4820	00-306-1318	
4820	00-585-7827	Valve, gate .. ..	4820	00-814-8448	
4820	00-585-8416	Valve, globe .. ..	4820	00-725-9245	
4820	00-605-7875	Gage, seat .. ..	5220	00-036-0302	
4820	00-621-0273	Valve, flow connector .. ..	4820	00-534,0511	
4820	00-662-8595	Bushing, valve .. ..	4820	00-847-7593	
4820	00-708-2356	Valve, globe .. ..	1560	00-076-9878	
4820	00-719-2874	Valve, plug .. ..	1285	00-683-8908	
4820	00-275-2175	Valve, gate .. ..	4820	00-983-5928	
4820	00-956-8885	Bushing, sleeve .. ..	4820	00-847-7593	

2. Action is to be taken to adjust accounts in accordance with ABR 4 Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 505/87/681)

## UNCLASSIFIED

**331—Stores (General) (Group Class 5985)—Antennas, Waveguides, and  
Related Equipment—Change of Stock Numbers**

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5985	00-L17292	Coupler, antenna .. ..	5985	00-819-3928	
5985	00-090-0013	Contact, electrical .. ..	5821	00-090-0013	
5985	00-197-5396	Waveguide .. ..	5985	00-026-4601	
5985	00-258-6634	Contact, electrical .. ..	5821	00-258-6634	
5985	00-270-3162	Waveguide assembly .. ..	5840	00-665-1144	
5985	00-284-6832	Cover, antenna .. ..	5841	00-284-6832	
5985	00-295-9158	Antenna .. ..	5985	00-243-0423	
5985	00-324-2103	Rope assembly .. ..	4020	00-408-3197	
5985	00-369-5407	Antenna assembly .. ..	5985	00-212-7091	

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5985	00-369-5545	Antenna .. ..	5985	00-665-0441	
5985	00-369-5648	Bearing, roller .. ..	5985	00-902-2699	
5985	00-588-8733	Clamp, cable .. ..	4030	00-511-8883	
5985	00-636-3934	Antenna, sub-assembly .. ..	5985	00-038-2495	
5985	00-679-9537	Coupler, direct .. ..	5985	00-892-3312	
5985	00-698-3810	Antenna .. ..	5985	00-241-6701	
5985	00-860-0841	Attenuator, fixed .. ..	5905	00-860-0841	

2. Action is to be taken to adjust accounts in accordance with ABR 4 Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/63/96)

**Section 5****BOOKS, CORRESPONDENCE, FORMS AND STATIONERY**

## UNCLASSIFIED

**332—Form NMT 15—Motor Transport—Quarterly Return**

1. Cases of delay in rendering the above return are observed to be increasing thereby incurring further expenditure of time and effort at Navy Office in drafting and dispatching hastening letters.

2. Completed Forms NMT 15 are to be forwarded to the Director of Supply Administration and Planning (Melbourne) as soon as practicable after 31 March, 30 June, 30 September and 31 December by each HMA ship or establishment holding motor vehicles.

(DSAP 464/70/253)

**Section 7****CANCELLED LIST**

## UNCLASSIFIED

**333—Naval Stores (General) (Group Class 0413 and 0442)—Impermeable  
Delivery Hoses—Instructions for Repair**

Navy Order 173 of 1968 is hereby cancelled.

(DNS 501/51/50)

(Navy Order 173 of 1968)

1. The first part of the document discusses the general principles of the project and the objectives to be achieved. It also outlines the scope of the work and the areas of responsibility for each of the participants.

2. The second part of the document describes the methods and procedures to be used in the execution of the project. It includes a detailed description of the experimental design and the data collection methods.

3. The third part of the document presents the results of the project and discusses the implications of the findings. It also includes a comparison of the results with those obtained in previous studies.

4. The fourth part of the document contains the conclusions and recommendations of the project. It also includes a list of references and an appendix of supplementary material.

5. The fifth part of the document is a summary of the project and a list of the participants. It also includes a list of the equipment and materials used in the project.

6. The sixth part of the document is a list of the participants and their contact information. It also includes a list of the equipment and materials used in the project.



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
25 June 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

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## CONTENTS

No	Title
SECTION 5—BOOKS, CORRESPONDENCE, FORMS AND STATIONERY	
334	Distribution of Magazines, Pamphlets and Amendments to Publications, Etc, During February 1968.
335	Distribution of Magazines, Pamphlets and Amendments to Publications, Etc, During March 1968.
336	Distribution of Magazines, Pamphlets and Amendments to Publications, Etc, During April 1968.

## Section 5

### BOOKS, CORRESPONDENCE, FORMS AND STATIONERY

#### UNCLASSIFIED

#### 334—Distribution of Magazines, Pamphlets and Amendments to Publications, Etc, During February 1968

1. The magazines, pamphlets and amendments to publications, etc, and SC Series contained in the Annex to this order have been distributed to ships and Services during February 1968.

2. Copies of amendments referred to in the Annex to this order are available for supply to holders of personal copies of Books of Reference and Air Publications in accordance with Article 2517 (6) of ABR 4.

#### ANNEX

##### BR AMENDMENTS

	<i>BR No</i>				<i>Amendment No</i>
ABR 10	..	..	..	..	Amendment No 11
BR 70 ..	..	..	..	..	Cumulative Suppt Corrected to 31.8.1967
BR 70 ..	..	..	..	..	Cumulative Suppt
BR 125	..	..	..	..	Suppt and New Entries No 5 Nov 1967
BR 1565	..	..	..	..	Change No 8
BR 1709 (1)	..	..	..	..	Aus Amendment No 3
BR 1836	..	..	..	..	Aus Change No 1
BR 2211	..	..	..	..	Change No 1
					Change No 2
BR 2236	..	..	..	..	Change No 1
					Change No 2
BR 2349	..	..	..	..	Change No 2
					Change No 4
BR 3317 (2)	..	..	..	..	Change No 1
BR 3382	..	..	..	..	Change No 1
ABR 5018	..	..	..	..	Amendment No 11
MBR 8001	..	..	..	..	Issue No 24
					Issue No 28
					Distrib Advice Note 24
Far East General Orders	..	..	..	..	AL 33
Far East Temp Memo	..	..	..	..	13.11.1967
Far East Temp Memo	..	..	..	..	18.12.1967
Far East Temp Memo	..	..	..	..	8.1.1968
Far East Temp Memo	..	..	..	..	15.1.1968
Far East Temp Memo	..	..	..	..	22.1.1968
Far East Temp Memo	..	..	..	..	5.2.1968
Far East Temp Memo	..	..	..	..	16.2.1968
Singapore Recr Memo	..	..	..	..	AL No 27 Dec 1967

## BOOKS, MAGAZINES AND PAMPHLETS

Publication	Date
Aeroplane .. .. .	8.11.1967
Aeroplane .. .. .	15.11.1967
Aeroplane .. .. .	22.11.1967
Aeroplane .. .. .	29.11.1967
Aeroplane .. .. .	6.12.1967
Aeroplane .. .. .	20.12.1967
Aeroplane .. .. .	3.1.1968
Approach .. .. .	December 1967
Flight .. .. .	9.11.1967
Flight .. .. .	16.11.1967
Flight .. .. .	23.11.1967
Flight .. .. .	30.11.1967
Flight .. .. .	7.12.1967
Flight .. .. .	14.12.1967
Flight .. .. .	21.12.1967
Flight .. .. .	28.12.1967
Flight .. .. .	4.1.1968
HMSO List of Govt Publications ..	September 1967
Joint Services Recognition Journal Vol 22 No 6	June 1967
Joint Services Recognition Journal Vol 22 No 7	July 1967
NAMAN Vol 22 .. .. .	30.11.1967
US Journal of the Institute of Navigation Vol 14 No 3	Fall 1967

## NAVWEP AND NAVSHIP AMENDMENTS

Publication	Change
OP 2446 Suppt .. .. .	Change No 1 15.12.1967
OP 2446 Vol 1 .. .. .	Change No 5 15.12.1967
OP 2579 PMS/SMS Vol 3 .. .. .	ACN 3-1 1.11.1967
OP 2579 PMS/SMS Vol 5 .. .. .	ACN 4-1 1.11.1967
OP 2665 IPB Vol 5 .. .. .	Change No 11 1.7.1967

## SIGNAL CORRECTION

ACP No	Correction No
ACP 168B .. .. .	Change No 1

## AMENDMENTS TO AIR PUBLICATIONS

AP No	AL or Leaflet
2531S Vol 5 Part 6 (Naval) Issue 1 ..	AL (RAN) 1
(RAN) 8 Vol 1 Book 1 .. .. .	AL 98, 99, 100, 101, 102, 103, 104, 108, 109, 111, 112, 113, 114, 115 and 116
(RAN) 8 Vol 1 Book 2 .. .. .	AL 41, 42, 43, 44, 45, 46, 47, 48, 52 and 54
(RAN) 8 Vol 1 Book 3 .. .. .	AL 38
(RAN) 8 Vol 1 Book 4 .. .. .	AL 13, 14, 15, 16
(RAN) 8 Vol 1 Book 6 .. .. .	AL 29
(RAN) 8 Vol 1 Book 7 .. .. .	AL 23
(RAN) 8 Vol 2 .. .. .	AL 34, 35 AIL (RAN) 137 and 138

## AMENDMENTS TO AIR PUBLICATIONS—continued

AP No	AL or Leaflet
(RAN) 8 Vol 2 Books 1 and 2 .. .. .	AL 33
(RAN) 8 Vol 3 Part 1 .. .. .	AL 18 and 19
(RAN) 8 Vol 3 Part 2 .. .. .	ALs 83, 84, 85, 86, 87, 88, 89
(RAN) 8 Vol 5 Book 1 .. .. .	ALs 19, 20
(RAN) 8 Vol 5 Book 2 .. .. .	ALs 57, 58, 59, 60, 61, 62, 63, 66, 67, 68, 69 and 70
(RAN) 8 Vol 5 Book 3 .. .. .	AL 18 and 19
(RAN) 8 Vol 6 Part 1 .. .. .	AIL (RAN) 6 AL 25
(RAN) 8 Vol 6 Part 2 .. .. .	AL 58
(RAN) 8 Vol 6 Part 3 .. .. .	AL 49
(RAN) 8 Pilots Notes .. .. .	AL 13
(RAN) 8 Air Crew Notes .. .. .	AL 4
(RAN) 9 Vol 2 .. .. .	Addendum
(RAN) 9 Vol 6 Part 1 Section 12 .. .. .	AIL (RAN) 4
(RAN) 9A Vol 6 Part 2A .. .. .	AL 18
(RAN) 9B Vol 1 .. .. .	AL 9
(RAN) 9B Vol 3 Part 1 .. .. .	AL 1
(RAN) 9B Vol 6 Part 1 .. .. .	AL 6
(RAN) 9B Vol 6 Part 2A, 3, 4A .. .. .	AL 8
(RAN) 10 Vol 2 Book 2 .. .. .	AL 12
(RAN) 10 Vol 3 Part 1 .. .. .	AL 9, 10, 11, 12
(RAN) 10 Vol 5 Book 1 .. .. .	AL 7, 8 and 9
(RAN) 10 Vol 5 Book 2 .. .. .	AL 14, 15, 16, 17 and 18
(RAN) 10 Vol 5 Book 3 .. .. .	AL 3
(RAN) 10 Vol 6 Parts 1-4 .. .. .	AL 15
(RAN) 19 Vol 1 Book 1 .. .. .	AL 7
(RAN) 19 Vol 1 Book 2 .. .. .	AL 12
(RAN) 19 Vol 2 Book 1 .. .. .	AL 23
(RAN) 33 Vol 5 .. .. .	AL 2
(RAN) 42 Vol 1 Section 5 .. .. .	AL 1
(RAN) 62 Vol 5 .. .. .	AL 1
(RAN) 102 Issue 2 .. .. .	AL 28
(RAN) 142 .. .. .	AL (RAN) 101
DCA Aeronautical Information Circular ..	30/1967 31/1967
DCA Aeronautical Information Circular ..	40/1967 41/1967 42/1967
DCA Aeronautical Information Circular ..	4/1968 5/1968
DCA Aeronautical Information Publication Cat A and C	RAC/2 (AL 88) RAC/2 (AL 89) RAC/2 (AL 90) RAC/2 (AL 91)
DCA Aeronautical Information Publication Cat East	RAC/2 (AL 89) RAC/2 (AL 90) RAC/2 (AL 91) RAC/2 (AL 92)
DCA Aeronautical Information Publication Cat A and C	AGA NR (AL 60)



AMENDMENTS TO AIR PUBLICATIONS—*continued*

<i>AP No</i>	<i>AL or Leaflet</i>
DCA Aeronautical Information General Amendment List	NR (AL 61)
DCA Aeronautical Information Publication	MAP NR 31 Int East A and C
DCA Aeronautical Information Publication	MAP NR 32 Int East West A and C
DCA Airways Operation Instructions	.. ALs 5 and 6
DCA Air Navigation Orders Part 20	.. ALs 62 and 63
DCA Air Navigation Orders Part 40	.. AL 39
DCA Air Navigation Orders Part 48	.. AL 14
DCA Air Board Orders Section 'E'	.. Issue 750 Issue 751
DCA NOTAMS	.. .. 13/1967 15/1967 16/1967 1/1968
AAP 2 GCC 5945	.. .. AL 9
AAP 2 GCC 6340	.. .. AL 8
TSD 594 Rolls Royce	.. .. Transmittal Letter 123 Transmittal Letter 126

(D of V 465/57/674)

## UNCLASSIFIED

**335—Distribution of Magazines, Pamphlets and Amendments to Publications, Etc, During March 1968**

1. The magazines, pamphlets and amendments to publications, etc, contained in the Annex to this order have been distributed to ships and Services during March 1968.

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## ANNEX

## BR AMENDMENTS

<i>BR No</i>	<i>Amendment No</i>
BR 70 ..	.. .. Corrected to 31.10.1967 Corrected to 30.11.1967
BR 96 ..	.. .. Change No 2
BR 125	.. .. Suppt and New Entries No 6 December 1967 Suppt and New Entries No 7 January 1968
BR 217 (3G)	.. .. Change No 2 Change No 3
BR 219	.. .. Change No 2
BR 682	.. .. Part 3 1967 Part 4 1967
BR 1476	.. .. Change No 1
BR 1492B	.. .. Amendment List No 26 Amendment List No 28

BR AMENDMENTS—*continued*

<i>BR No</i>	<i>Amendment No</i>
BR 1492B	.. .. Advance Information List 1/64 Advance Information List 1/65
BR 1750 (51)	.. .. Amendment List No 10
BR 2014A	.. .. Change No 1
BR 2062 (2)	.. .. Change No 7
BR 2108	.. .. Change No 2
BR 2110 (1)	.. .. Change No 2
BR 2111 (2)	.. .. Change No 3
BR 2111 (3)	.. .. Change No 1
BR 2111 (5)	.. .. Change No 3
BR 2111 (6)	.. .. Change No 6
BR 2111 (15)	.. .. Change No 2
BR 2111 (17)	.. .. Change No 2
BR 2130 (3A)	.. .. Change No 4
BR 2130 (3B)	.. .. Change No 4
BR 2130 (3D)	.. .. Change No 4
BR 2130 (3E)	.. .. Change No 4
BR 2236	.. .. Change No 3
BR 2247 (2)	.. .. Change No 4
BR 2247 (3)	.. .. Change No 3
BR 2297 (1)	.. .. Change No 8
BR 2297 (8B)	.. .. Change No 7
BR 2297 (10)	.. .. Change No 7
BR 2500 (5)	.. .. Change No 22 Change No 23
BR 2500 (6)	.. .. Change No 38 Change No 39 Change No 40 Change No 41 Change No 42 Change No 43
BR 2508	.. .. Change No 2
BR 2969	.. .. Change No 1
BR 3330	.. .. Change No 6 Change No 7
List of Propellant Lots	.. .. Amendment List No 50

## BOOKS, MAGAZINES AND PAMPHLETS

<i>Publication</i>	<i>Date</i>
Aeroplane	.. .. 17.1.1968
Aeroplane	.. .. 24.1.1968
Aeroplane	.. .. 31.1.1968
Aeroplane	.. .. 7.2.1968
Aircraft	.. .. Vol 47 No 5
Aircraft	.. .. Vol 47 No 6
Civil Defence Information Bulletin No 189	12.1.1968
Civil Defence Information Bulletin No 190	12.1.1968
Electrical Design News	.. .. December 1967
Electrical Design News	.. .. January 1968
Electrical Design News Vol 13 No 2	.. .. February 1968
Electronic Information Bulletin 724	.. .. 15.1.1968

BOOKS, MAGAZINES AND PAMPHLETS—*continued*

<i>Publication</i>	<i>Date</i>
Electronic Information Bulletin 725	29.1.1968
Flight .. .. .	11.1.1968
Flight .. .. .	18.1.1968
Flight .. .. .	25.1.1968
Flight .. .. .	1.2.1968
Flight .. .. .	8.2.1968
HMSO List of Govt Publications	November 1967
International Electronics Vol 14 No 1	February/March 1968
NAMAN Vol 22	29.12.1967
Naval Ship Systems Command Technical News	November 1967
Naval Ship Systems Command Technical News	December 1967
Naval Ship Systems Command Technical News	January 1968
The Communicator Vol 18 No 6	Winter 1967
The Navy List	Winter 1967
The Navy List of Retired Officers and Emergency List	1967
UK Journal of the Institute of Navigation Vol 21	January 1968
US Naval Communications Bulletin OP NAV 94—P2 No 99	December 1967

## AMENDMENTS TO AIR PUBLICATIONS

<i>AP No</i>	<i>AL or Leaflet</i>
AP (N) 1	AL 52 and Errata
(RAN) 11 Vol 3 Part 1	AL 1 Revised
(RAN) 19 Vol 2 Book 1	AL 24
(RAN) 19 Vol 6 Book 3	AL 2
(RAN) 42 Vol 1 Section 5	AL 1
1664D Vol 5 (3rd Edt)	AL 5
2530M Vol 2	(AL 34—B 25)
2531N Vol 5 Part 6 (N)	AL 5 and O/L
2876A Vol 2 Part 1	Leaflet No 18 (AL 5)
2887 Vol 2	(AL 131)—B 83
3302 Part 3 (2nd Edt)	AL 6
4343S Vol 1	AL 146
4343S Vol 1 Book 2	AL 163
4343S Vol 1 Book 3	AL 154 and 155
4343S Vol 1 Book 4	AL 171
4343D Vol 6 Book 4	AIL 1/1967
	AIL 2/1967
4677A and B Vol 2	(AL 30)—B 23
4677A and B Vol 2	(AL 31)—B 24
DCA Aeronautical Information Circular	9/1968
DCA Aeronautical Information Publication	MAP AL 33 (Int A and C East)
DCA Aeronautical Information Publication	MAP AL 34 (A and C East West)
DCA Aeronautical Information Publication	RAC/2 AL 92 (A and C)
DCA Aeronautical Information Publication	RAC/2 AL 93 (A and C)
DCA Aeronautical Information Publication	RAC/2 AL 94 (A and C)

AMENDMENTS TO AIR PUBLICATIONS—*continued*

<i>AP No</i>	<i>AL or Leaflet</i>
DCA Aeronautical Information Publication	RAC/2 AL 94 (East)
DCA Aeronautical Information Publication	AGA AL 61 (A and C)
DCA Aeronautical Information Publication	AGA AL 62 (A and C)
DCA Aeronautical Information Publication	AGA AL 62 (East)
DCA NOTAMS	2/1968
	3/1968
	4/1968
	5/1968
JASAP	ALs 23, 24, 25 and 26
RAAF Flight Digest Vol 1/2	1968
116D-0102-2	(AL 20)—B 6 (ALT 1)
119A-0001-2	(AL 1154)—B 767
	(AL 1155)—C 2 (ALT 1 INCP)
	(AL 1156)—B 768
0535-013-5016	Suppt 1.5.1967
	Suppt 1.7.1967
0700-990-0016 (NA 00-500A-S)	Suppt 1.7.1967
0701-010-0010 3rd Edt	Changes 15.9.1964 and 15.10.1965
0701-090-2261	Interim Change 21.11.1966
0701-090-2432	Change Notice 1.12.1967
0701-090-3981	Change Notice No 3 14.8.1967
0701-090-4141	Interim Manual Change 15.12.1967
0701-090-4760	Change 1.9.1967
0703-020-2351	Change 15.9.1967
0703-020-2361	Change 15.9.1967
0703-021-8811	Revision 15.11.1967
0703-073-0040	Change 20.6.1967
0701-180-1401	Interim Change No 40 May 1967
0701-180-1402	Interim Change No 41 October 1967
0701-180-1403	Interim Change No 42 May 1967
0716-070-3691	Change Notice 1.7.1967
0716-070-7311	Rev 15.7.1967
0716-070-8922	Change 15.4.1967
0716-070-9031	Rev Notice 15.6.1967
0716-071-1400	Revs 1.1.1960 and 1.12.1963

(D of V 465/57/674)

## UNCLASSIFIED

## 336—Distribution of Magazines, Pamphlets and Amendments to Publications, Etc, During April 1968

1. The magazines, pamphlets and amendments to publications, etc, contained in the Annex to this order have been distributed to ships and Services during April 1968.

2. Copies of amendments referred to in the Annex to this order are available for supply to holders of personal copies of Books of Reference and Air Publications in accordance with Article 2517 (6) of ABR 4.

## ANNEX

## BR AMENDMENTS

<i>BR No</i>	<i>Amendment No</i>	<i>Date</i>
ABR 27 Vol 2 .. .. .	Change No 1	5.4.1968
ABR 27 Vol 3 .. .. .	Change No 1	February 1968
BR 214 (4) .. .. .	Change No 2	
BR 268 (69) .. .. .	Change No 1	
BR 268 (71) .. .. .	Change No 3	
ABR 1692 Preliminary .. .. .	Change No 2	
BR 1771 (28) .. .. .	Change No 1	
BR 1771 (35) .. .. .	Change No 1	
BR 1771 (45) .. .. .	Change No 1	
BR 1781 .. .. .	Change No 3	
BR 1917 (1) A .. .. .	Change No 31	
	Change No 33	
BR 1919 .. .. .	Change No 1	
BR 1950 .. .. .	Change No 14	
BR 2065 (4) .. .. .	Change No 2	
	Change No 3	
BR 2111 (14) .. .. .	Change No 1	
BR 2130 (2) .. .. .	Change No 4	
BR 2226 (5) .. .. .	Change No 1	
BR 2304 .. .. .	Change No 9	
BR 2326 .. .. .	AL 20	
	AL 21	
	AL 22	
	AL 23	
BR 2351 .. .. .	Change No 2	
BR 2381 (2) .. .. .	Change No 1	
ABR 5016 .. .. .	Amendment 15	
	Errata to Amendment 15	
ABR 5074 Naval Store Groups .. .. .	Group Class 0231	
	Group Class 0254	
	Group Class 0263	
	Group Class 0265	
	Group Class 0271	
	Group Class 0273	
	Group Class 0276	
	Group Class 0431	
	Group Class 0432	
	Group Class 0433	
	Group Class 0434	
	Group Class 0451	
	Group Class 0461	
MBR 8074 .. .. .	Suppt No 1	January 1968

## BOOKS, MAGAZINES AND PAMPHLETS

<i>Publication</i>	<i>Date</i>
Aeroplane .. .. .	21.2.1968
Aeroplane Vol 115 No 2941 .. .. .	28.2.1968
Electronic Information Bulletin 726 N/S 0967-001-3726	12.2.1968

## BOOKS, MAGAZINES AND PAMPHLETS—continued

<i>Publication</i>	<i>Date</i>
Electronic Information Bulletin 727 N/S 0967-001-3737	26.2.1968
Flight Vol 93 No 3077 .. .. .	29.2.1968
Flight .. .. .	15.2.1968
Flight .. .. .	22.2.1968
NAMAN Vol 23 .. .. .	29.3.1968
US Naval Communications Bulletin OPNAU 94-P2 N0100	February 1968

## NAVWEP AMENDMENTS

<i>Navwep</i>	<i>Change</i>
OP 4 Vol 2 .. .. .	Change No 6 1.2.1968
OP 2213 .. .. .	Change No 14 15.12.1967
	Change No 15 1.1.1968
	Change No 16 1.2.1968
OP 2579 PMS/SMS Vol 2 .. .. .	ACN 4-1 1.12.1967
OP 2580 PMS/SMS Vol 5 .. .. .	Change No 3 1.10.1967
OP 2585 PMS/SMS Vol 3 .. .. .	Change No 4 15.11.1967
	Change No 5 15.12.1967
OP 2585 PMS/SMS Vol 2 .. .. .	ACN 0-1 1.1.1968
OP 2585 PMS/SMS Vol 3 Part 1 .. .. .	ACN 3-1 15.11.1967
OP 2585 PMS/SMS Vol 3 Part 3 .. .. .	ACN 3-2 15.11.1967
OP 2585 PMS/SMS Vol 3 Part 5 .. .. .	ACN 3-3 15.11.1967
OP 2585 PMS/SMS Vol 4 .. .. .	Change No 1 15.11.1967
	Change No 2 15.12.1967
	ACN 2-1 15.12.1967
	ACN 0-4 1.12.1967
OP 2585 PMS/SMS Vol 5 .. .. .	Change No 4 15.11.1967
	Change No 5 15.12.1967
OP 2611 PMS/SMS .. .. .	Addendum 1 15.10.1967
OP 2665 IPB Vol 5 .. .. .	Change No 12 15.7.1967
	Change No 13 1.8.1967
OP 2665 Suppt Vol 2 .. .. .	Change No 4 15.7.1967
OP 2704 .. .. .	Change No 2 15.12.1967
OP 2809 .. .. .	Change No 1 15.11.1967
OP 3347 Vol 1 .. .. .	Change No 9 1.2.1968

## AMENDMENTS TO AIR PUBLICATIONS

<i>AP No</i>	<i>AL or Leaflet</i>
101A-1105-1 .. .. .	AL 20
101C-0101-1A .. .. .	AL 139
101C-0101-1B .. .. .	ALs 97 and 99
101C-0101-6B .. .. .	ALs 45 and 46
105B-1704-16 .. .. .	AL 1
109A-0001-2 .. .. .	(AL 1139)-B 756
	(AL 1140)-B 757
	(AL 1141)-B 758
	(AL 1142)-B 661 (ALT 2)
	(AL 1150)-B 765)
109B-0102-5 .. .. .	AL 34

AMENDMENTS TO AIR PUBLICATIONS—*continued*

<i>AP No</i>	<i>AL or Leaflet</i>
109B-0103-1 .. .. .	AIL 4/1967
109B-0103-5 .. .. .	AL 31
	AIL 1/1967
112G-0304-16 .. .. .	AL 2
116B-0901-1 .. .. .	AL 5
116D-0102-6A .. .. .	AL 24
116C-0401-1A .. .. .	AL 15
119A-0104-1 .. .. .	AL 1
119A-0105-1 .. .. .	AL 1
119A-0600-1 .. .. .	AL 86
AVP 32 .. .. .	AL 5
AVP 970 Vol 1 .. .. .	AL 100 and 101
AP (N) 68 .. .. .	AL 7
AP (N) 140 .. .. .	AL 36
AP (N) 141 .. .. .	Air Diagram Index
AP (N) 206 (2nd Edt) .. .. .	AL 5
AP (N) 378 .. .. .	AL 2
AP (N) 380 Part 2 .. .. .	AL 4
1086 (1966) Section 63A .. .. .	AL 1
1086 (1966) Section 14K .. .. .	AL 1
1181D Vols 1 and 6 Part 1 .. .. .	AL 53
1803U Vol 1 Book 1 .. .. .	AIL 1/1967
1803U Vol 1 Book 3 .. .. .	AL 35
1234C Vol 3 .. .. .	AL 22
1469Q Vol 1 Book 4 .. .. .	AL 7
1275A Vol 1 Section 22 .. .. .	AL 51
1602 (Air Almanac) 1968 Part 1 .. .. .	Corrigendum
2234E and G Vol 2 .. .. .	(AL 70)-C 9
	(AL 71)-D 5 (ALT 1 Incp)
2337 Vol 2 .. .. .	(AL 258)-B 1 (ALT 4)
2438G Vols 1 and 6 .. .. .	AL 38
2531J Vol 2 .. .. .	(AL 248)-B 163
	(AL 249)-B 164
	(AL 254)-B 168
	(AL 255)-B 169
	(AL 258)-B 172
2534NA Vol 2 .. .. .	(AL 42)-B 34
2890SC Vol 2 .. .. .	(AL 22)-B 15
2892F Vol 2 .. .. .	(AL 138)-B 109
	(ALT 1 Incp)
2897R Vol 1 (2nd Edt) Book 1 .. .. .	AL 42
3364 Vol 1 .. .. .	AL 4
4343D Vol 1 Book 2 .. .. .	AL 73
4343D Vol 1 Book 4 .. .. .	AL 79
4350A Vol 2 .. .. .	(AL 21)-B 17
4597ML .. .. .	AL 14
4602A Vol 1 .. .. .	AL 38
4723A Vol 1 Book 1 .. .. .	AL 134
4723A Vol 5 (N) Book 2 Issue 1 .. .. .	AL 34
4758C Vol 3 Part 1 .. .. .	AL 3
(RAN) 8 Vol 1 Book 1 .. .. .	AIL 22
	AL 117, 118 and 119

AMENDMENTS TO AIR PUBLICATIONS—*continued*

<i>AP No</i>	<i>AL or Leaflet</i>
(RAN) 8 Vol 1 Book 2 .. .. .	AIL 15
	AL 53 and 55
(RAN) 8 Vol 1 Book 3 .. .. .	AIL 30
	AL 39 and 40
(RAN) 8 Vol 1 Book 4 .. .. .	AIL (RAN) 2
	AL 17
(RAN) 8 Vol 1 Book 5 .. .. .	ALs 31, 32 and 34
(RAN) 8 Vol 1 Book 6 .. .. .	AIL (RAN) 9
	ALs 28, 30, 31, 33
(RAN) 8 Vol 1 Book 7 .. .. .	ALs 21, 22, 23 and 24
(RAN) 8 Vol 1 Book 8 .. .. .	AL 15 and 16
(RAN) 8 Vol 2 Book 2 .. .. .	AL 27, 32
(RAN) 8 Vol 3 Part 1 .. .. .	AL 17
(RAN) 8 Vol 6 Part 2 .. .. .	ALs 57, 59, 60, 61 and 62
(RAN) 8 Crews Notes .. .. .	AL 5
(RAN) 9A Vol 6 Part 4A .. .. .	AL 37
(RAN) 9B Vol 6 Parts 2A, 3, 4A .. .. .	ALs 9 and 10
(RAN) 9AB Vol 2 .. .. .	Transmittal Letters No 60 and 61
(RAN) 10 Vol 1 Book 2 .. .. .	AL 37
(RAN) 10 Vol 1 Book 3 .. .. .	AL 19
(RAN) 10 Vol 2 Book 1 .. .. .	AL 19
(RAN) 10 Vol 2 Book 2 .. .. .	AL 13
(RAN) 10 Vol 5 Book 1 .. .. .	AL 9 and 11
(RAN) 19 Vol 1 Book 2 .. .. .	AL 13 (with Changes 6-12 to TM 55-1520-211-20)
(RAN) 19 Vol 1 Book 2 .. .. .	AL 14 (for attachment to TB 55-2800-200-30/1 dated 28.6.66 and Change No 1 dated 26.1.67)
(RAN) 19 Vol 1 Book 2 .. .. .	AL 15
(RAN) 19 Vol 2 Book 1 .. .. .	AL 21 (with attachment) MWO 55-1520-211-30/5 and MWO 55-1500-200-30/32
(RAN) 19 Vol 2 Book 1 .. .. .	AL 22 (with MWO 55-2800-200-30/2 and Change No 1)
(RAN) 19 Vol 6 Book 1 .. .. .	AL 8 (with attachment—Changes 2-6 to TM 55-1520-211-35)
(RAN) 19 Vol 6 Book 2 .. .. .	AL 1 (with attachment TM 55-1650-309-40)
TM 55-1520-210-35P-2 .. .. .	Change No 3
(RAN) 108 .. .. .	AL 6
RAAF Flight Digest Vol 1/2 .. .. .	1967
TSD 594 (Rolls Royce) .. .. .	Transmittal letter 125
ICAO Bulletins .. .. .	September 1967
	August 1967
	December 1967
0701-010-0010 (3rd Edt) .. .. .	(NWO1-1A-1) Changes 15.9.64 and 15.12.65
0701-090-2432 .. .. .	Corrigendum Notice 15.1.67
0701-090-4670 .. .. .	Corrigendum Notice 1.10.67
0701-090-4740 .. .. .	Corrigendum Notice 25.7.67
0703-021-6121 (NWO3-5 FB-48) .. .. .	Revision 1.7.67
USA Army Adjutant Bulletins Baltimore, Maryland .. .. .	Nos 24, 25, 26, 39, 40, 43, 46, 47, 48, 49, 51, 52 (1967) and No 1 (1968)

AMENDMENTS TO AIR PUBLICATIONS—continued

	AP No	AL or Leaflet
USA Army Adjutant	Bulletins	St. Louis, Nos 23, 24, 25, 27, 28, 33, 36, 37, 39, 40, 41, 44, 45, 46, 48, 49, 50, 52 (1967) Nos 1, 3, 4 and 10 (1968)
Missouri	.. ..	.. ..
STI	.. ..	.. .. (Engineering Section) Book 1/Gnome/34
STI	.. ..	.. .. (Aircraft Section) Book 1/Wessex/148 and Wessex/140
STI	.. ..	.. .. (General) Book 1 AL 17
STI	.. ..	.. .. (General) Book 1/Radio Airborne/576
STI	.. ..	.. .. (General) Book 1/Radio Airborne/577
STI	.. ..	.. .. (General) Book 1/Radio Airborne/580
STI	.. ..	.. .. Devon A/C Book 1 AL 10
NTI	.. ..	.. .. (General) Book 1 14/67
NTI	.. ..	.. .. Wasp Book 1 Aircraft/15/67

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RESTRICTED

ANO's 337-348/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
4 July 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY

RESTRICTED

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339	Electronic Data Processing—Unit Identification Code.
340	Reimbursement of Driving Licences for Drivers of Naval Motor Vehicles.
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341	Medical Instructions for Naval Aircrew Personnel.
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<b>SECTION 4—EQUIPMENT, STORES AND SERVICING</b>	
343	Alteration and Addition Item—Type 12 Destroyer Escorts.
344	Stores (General) (Group Class 2925)—Engine Electrical System Components, Aircraft—Change of Stock Numbers.
345	Stores (General) (Group Class 5825)—Radio Navigation Equipment Except Airborne—Change of Stock Numbers.
346	Stores (General) (Group Class 5945)—Relays, Contactors and Solenoids—Change of Stock Numbers.
347	Stores (General) (Group Class 6615)—Automatic Pilot Mechanisms and Airborne Gyro Components—Change of Stock Numbers.
348	Stores (General) (Group Class 6620)—Engine Instruments—Change of Stock Numbers.

## Section 1

### ADMINISTRATIVE AND GENERAL

#### UNCLASSIFIED

#### 337—Air Transport Arrangements Within Australia

1. Government Policy has recently been restated in regard to arrangements for air transport with the two major airlines. Attention is drawn to the following procedure which must be observed.

##### Air Travel Within Australia

2. A 'free option' as to airline is to be made available to members of the RAN and officers of the Department of the Navy required to travel on official business for which air travel is approved subject to the overriding consideration of Service and Departmental efficiency which takes into account time of flight and seat availability.

3. The 'free option' is not to apply in cases where it is necessary or expedient for a number of people to travel in a group on the same aircraft. Flights such as these together with individual passages where the 'free option' is not exercised should be booked in such a manner as to ensure that the total passenger movement in terms of cost is fairly evenly distributed between the two major airlines.

4. Where practicable bookings are to be made direct through an office of the airline on which travel is being arranged, but where this is not practicable, through another airline which is an agent. As airlines pay other agents a commission of at least 5 per cent on bookings, the making of bookings outside the industry means an addition to the cost of air transport, a significant proportion of which is borne by the Commonwealth through direct subsidies and airmail payments.

##### Air Carriage of Freight Within Australia

5. The choice of airline for the dispatch of routine assignments, small packages and parcels should be organised if possible in such a manner that in the overall situation expenditure in terms of air freight is allocated in an equal manner between the two airlines.

6. The following instructions will be amended:

- a. RI 1702 (2): to include the 'free option' and distribution of business provisions of Paragraphs 1 and 2.
- b. ABR 4 Chapter 29, 2902 (5): to comply with Paragraph 4.

(CEO (GS) 187/1/93)



## UNCLASSIFIED

**338—Duties of Supply Officer (Cash)**

1. The following is the text of an approved amendment to Clause (1) of Article 105 of the Navy Accounts Manual which introduces a provision for an officer of the Supply Department not below the rank of Sub-Lieutenant to perform the duties of Supply Officer (Cash) subject to prescribed conditions:

'Supply Officer (Cash). At the discretion of the Captain, on the advice of the Supply Officer, an officer of the Supply Department not below the rank of Sub-Lieutenant may be selected to act as Supply Officer (Cash) in ships in which—

- a. the existing complement makes such an arrangement practicable; and
- b. no increase in the complement of officers of the Supply Department is involved nor the retention of any such officers borne additional for longer than would otherwise be necessary.

The name of the officer selected and the date from which he will assume these duties shall be reported to the Naval Board so that the necessary posting may be issued. Before assuming the duties of Supply Officer (Cash) the Captain is to confirm that the selected officer has been adequately trained and instructed.'

2. Copies of ABR 5018 are to be noted pending issue of amendment sheets.

(DNA 303/3/17)

## UNCLASSIFIED

**339—Electronic Data Processing—Unit Identification Code**

Navy Order 157 of 1968 is to be amended as follows:

a. **Annex A:**(1) **Patrol Craft:**

*amend* ARCHERIER .. .. . 2399  
*to read* ARCHER .. .. . 2399

(2) **Air Squadrons:**

*amend* 850 Sqdn .. .. . 2116  
*to read* 850 Sqdn .. .. . 2216

(3) **HMA Shore Establishments and W/T Stations:**

(a) *amend* W/T Belconnen .. .. . 3220  
*to read* Belconnen Transmitting Station .. .. . 3220  
(b) *amend* W/T Coonawarra .. .. . 3239  
*to read* Darwin NAVRADSTA .. .. . 3239  
(c) *amend* W/T North-West Cape .. .. . 3247  
*to read* RAN Liaison Officer, North-West Cape .. .. . 3247

(4) **Navy Office Directorates:**

(a) *delete* DTWP .. .. . 4111  
(b) *insert* DNSD .. .. . 5266  
          DSAW .. .. . 5274  
          DSMP .. .. . 5290  
          DUW .. .. . 5282

in alphabetical sequence.

(c) *amend* DNQA .. .. . 4480  
*to read* DNQA/CINO .. .. . 4480

(5) **Other Authorities, Etc:**

(a) *amend* INO GARDEN ISLAND .. .. . 4855  
*to read* INO SYDNEY .. .. . 4855  
(b) *insert* INO MELBOURNE .. .. . 5320  
          Internal Audit Section, MELBOURNE .. .. . 5312  
          Recruiting Staff Officer, SYDNEY .. .. . 5258  
in alphabetical sequence.

b. **Annex B:**(1) **Shore Establishments and W/T Stations:**

(a) *amend* 3312 HMAS WATSON  
*to read* 3212 HMAS WATSON  
(b) *amend* 3220 RAN W/T Belconnen  
*to read* 3220 Belconnen Transmitting Station  
(c) *amend* 3239 RAN W/T Coonawarra  
*to read* 3239 Darwin NAVRADSTA  
(d) *amend* 3247 RAN W/T North-West Cape  
*to read* 3247 RAN Liaison Officer, North-West Cape

(2) **Navy Office Directorates; Other Authorities, Directorates and Branches; Sea Cadet Corps and Reserve Cadet Units:**

(a) *amend* 4855 INO GARDEN ISLAND  
*to read* 4855 INO SYDNEY  
(b) *insert* 5258 Recruiting Staff Officer, Sydney  
          5266 DNSD  
          5274 DSAW  
          5282 DUW  
          5290 DSMP  
          5312 Internal Audit Section, Melbourne  
          5320 INO MELBOURNE  
in numerical sequence.

(c) *delete* 4111 DTWP

(AS (EDP) 178/1/119)

(Navy Order 157 of 1968)

## UNCLASSIFIED

**340—Reimbursement of Driving Licences for Drivers of Naval Motor Vehicles**

1. The instructions contained in ABR 5013—Motor Transport Instructions Chapter 5, Article 33, have been superseded by those embodied in Paragraph 23/1 of Appendix A to Section 6 of the Treasury Instructions which reads as follows:

'Officers and employees other than those classified as drivers, who are required to drive Official Vehicles in the course of their employment will not be reimbursed the cost of their drivers' licenses except where the license is obtained solely for Official purposes.'

2. ABR 5013 will be amended accordingly.

(DSAP 48/51/9)

**Section 2**  
**PERSONNEL**

UNCLASSIFIED

**341—Medical Instructions for Naval Aircrew Personnel**

Navy Order 220 of 1966 is to be amended as follows:

- a. **Paragraph 12:**  
*amend 'age of 40' to read 'age of 45'.*
- b. **Paragraph 31:**  
*amend '40 years of age' to read '45 years of age'.*

(DOA 303/2/34)

(Navy Order 220 of 1966)

**Section 3**  
**OPERATIONAL AND TRAINING**

RESTRICTED

**342—SUBSUNK Operations—RAN Policy**

1. The aim of SUBSUNK operations is, firstly, to rescue survivors from the sunken submarine and secondly to establish as precisely as possible the cause(s) of the accident.
2. To fulfil the primary aim, the vital requirements are:
  - a. to locate the submarine;
  - b. to pick up survivors from the surface (survivors from a submarine disaster will have no food, water or life-rafts);
  - c. to provide recompression and medical facilities; and
  - d. to provide domestic facilities (eg, clothing, food, etc).
3. Submarine escape facilities are self-contained in the submarine. Salvage, as a means of rescue, will not normally be considered.
4. Should a submarine sink in a depth of water within the capability of RAN divers to operate safely, divers will normally be employed to:
  - a. ensure that escape hatches are not fouled by debris, etc;
  - b. assist escaping personnel, if necessary; and
  - c. examine the submarine in detail to ascertain the nature and extent of visible damage.
5. Facilities for the provision of external HP air or LP air will not normally be provided. Submarines in distress must not expect any assistance from the Search Force other than rescue of survivors from the surface and their subsequent treatment.
6. Salvage of the submarine will not normally be considered unless it constitutes a hazard to navigation or unless the cause of the accident cannot be established by other means. In the event of salvage operations being undertaken RAN assistance would be required.
7. If RAN facilities are inadequate to locate a sunken submarine or to ascertain the cause of the accident, or both, the Naval Board will decide whether to request overseas assistance.

(DSMP 512/251/174)

**Section 4**  
**EQUIPMENT, STORES AND SERVICING**

UNCLASSIFIED

**343—Alteration and Addition Item—Type 12 Destroyer Escorts**

The following Alteration and Addition Item has been approved for HMA Ships DERWENT, PARRAMATTA, STUART and YARRA:

*Class List Item No 361 (Ex TDLs 'DMED, QU, FD').*

- a. *Item:* To replace the atmospheric steam oven fitted in the ships company galley with a steam pressure oven operating at an internal pressure of 5 psi in accordance with Navy Order 236 of 1967.
- b. Weight variations are to be reported on completion of the item.
- c. *References:* (1) HMAS DERWENTs Form AS 1182 TDL 'DMED' dated 26 June 1967, forwarded under cover of FOCAFs Memorandum AF 1212/25/3 dated 31 July 1967.  
(2) HMAS PARRAMATTAs Form AS 1182 TDL 'QU' dated 14 August 1967, forwarded under cover of FOCAF Memorandum dated 3 September 1967.  
(3) HMAS STUARTs Form AS 1182 TDL 'FD' dated 8 September 1967, forwarded under cover of FOCAF Memorandum dated 28 September 1967.

(CNTS 1224/72/203)

(Navy Order 236 of 1967)

UNCLASSIFIED

**344—Stores (General) (Group Class 2925)—Engine Electrical System Components, Aircraft—Change of Stock Numbers**

1. The Stock Numbers of the undermentioned items have been changed, as follows:

<i>Old Stock No</i>		<i>Item Name</i>	<i>New Stock No</i>	
<i>Group Class</i>	<i>Catalogue Number</i>		<i>Group Class</i>	<i>Catalogue Number</i>
2925	00-037-7708	Spark plug assembly ..	2925	00-294-3893
2925	00-227-5715	Spring, helical, component ..	2810	00-227-5715
2925	00-373-3694	Lamp unit assembly ..	6220	00-373-3694
2925	00-373-8799	Washer, plain ..	5310	00-373-8799
2925	00-441-8298	Armature motor ..	2920	00-243-6440
2925	00-603-6624	Insert screw ..	5340	00-598-7400
2925	00-603-6626	Insert screw ..	5340	00-478-9414
2925	00-652-3418	Cover terminal ..	6115	00-556-6277
2925	00-652-3420	Cover brush ..	6115	00-503-3270
2925	00-918-0862	Lead assembly ..	2920	00-918-0862

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812.

(DSAP 603/55/1480)

## UNCLASSIFIED

**345—Stores (General) (Group Class 5825)—Radio Navigation Equipment Except Airborne—Change of Stock Numbers**

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5825	00-315-2470	Receiver, sub-assembly .. ..	5825	00-622-5361
5825	00-372-4559	Ring assembly .. ..	5825	00-643-8155
5825	00-505-3569	Tuner radio frequency .. ..	5820	00-770-8427
5825	00-613-7101	Contact, electrical .. ..	6250	00-264-4189
5825	00-622-5360	Receiver sub-assembly .. ..	5825	00-583-1110
5825	00-771-5092	Shaft, tension puller .. ..	1680	00-771-5092

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/60/70)

## UNCLASSIFIED

**346—Stores (General) (Group Class 5945)—Relays, Contactors and Solenoids—Change of Stock Numbers**

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5945	00-035-9151	Contact, electrical .. ..	5945	00-233-0255
5945	00-045-4791	Relay armature .. ..	5945	00-062-7419
5945	00-056-6771	Relay .. ..	5985	00-056-6771
5945	00-056-9871	Relay .. ..	5945	00-823-2611
5945	00-058-4923	Relay armature .. ..	5945	00-834-4712
5945	00-061-6007	Relay armature .. ..	5945	00-809-7161
5945	00-081-1388	Relay, thermal .. ..	5945	00-615-3211
5945	00-085-0715	Relay armature .. ..	5945	00-615-1850
5945	00-217-2606	Contact, electrical .. ..	5945	00-201-7242
5945	00-234-6371	Relay armature .. ..	5945	00-230-2105
5945	00-257-6646	Relay armature .. ..	5945	00-259-6438
5945	00-258-3701	Contact, electrical .. ..	5945	00-502-4888
5945	00-258-3991	Relay armature .. ..	5945	00-259-6346
5945	00-259-0911	Relay armature .. ..	5945	00-665-7944
5945	00-259-1222	Relay armature .. ..	5945	00-259-6575
5945	00-259-5278	Relay armature .. ..	5945	00-606-6695
5945	00-259-9261	Relay, thermal .. ..	5945	00-665-7444
5945	00-343-3554	Bracket assembly .. ..	5945	00-313-1738
5945	00-423-6006	Contact, electrical .. ..	5945	00-238-0571
5945	00-424-9822	Contact, electrical .. ..	5945	00-049-9701

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5945	00-500-5734	Relay, rotary .. ..	5945	00-501-8099
5945	00-500-5994	Contact, electrical .. ..	5945	00-243-5988
5945	00-500-6717	Relay, thermal .. ..	5945	00-643-7864
5945	00-502-5063	Relay armature .. ..	5945	00-188-5600
5945	00-503-6388	Relay armature .. ..	5945	00-526-0017
5945	00-539-7214	Heating element .. ..	5925	00-383-2160
5945	00-549-4870	Relay armature .. ..	5945	00-609-4135
5945	00-549-9666	Relay armature .. ..	5945	00-259-5822
5945	00-552-5501	Relay armature .. ..	5945	00-502-4692
5945	00-563-1066	Relay armature .. ..	5945	00-808-7467
5945	00-570-2144	Shield, electrical .. ..	5935	00-501-8744
5945	00-578-8224	Filter, band pass .. ..	5950	00-578-8224
5945	00-578-2472	Chopper, electrical .. ..	5945	00-556-7942
5945	00-581-1072	Relay armature .. ..	5945	00-665-9461
5945	00-583-7624	Relay, thermal .. ..	5945	00-500-7362
5945	00-588-6623	Relay armature .. ..	5945	00-259-0653
5945	00-609-9019	Contact, electrical .. ..	5945	00-500-5880
5945	00-615-1457	Relay armature .. ..	5945	00-542-7058
5945	00-615-7596	Relay motor .. ..	5945	00-688-3977
5945	00-615-8247	Relay armature .. ..	5945	00-542-7041
5945	00-615-8418	Relay armature .. ..	5985	00-615-8418
5945	00-621-0119	Contact, electrical .. ..	5945	00-211-6179
5945	00-621-0453	Heater, thermal .. ..	5950	00-383-2137
5945	00-632-7074	Relay .. ..	5950	00-632-7081
5945	00-632-7075	Contact, electrical .. ..	6110	00-038-0915
5945	00-632-7076	Contact, electrical .. ..	5945	00-468-2004
5945	00-642-0047	Relay, thermal .. ..	5945	00-606-2903
5945	00-642-5810	Relay armature .. ..	5945	00-636-6294
5945	00-665-8572	Relay armature .. ..	5945	00-257-6897
5945	00-676-4610	Relay armature .. ..	5945	00-636-9353
5945	00-681-0369	Relay armature .. ..	5945	00-681-0024
5945	00-686-8141	Relay armature .. ..	5945	00-259-1364
5945	00-686-8595	Relay armature .. ..	5945	00-683-7963
5945	00-698-2324	Relay armature .. ..	5945	00-258-7651
5945	00-711-4088	Relay armature .. ..	5945	00-704-6163
5945	00-721-0642	Relay armature .. ..	5945	00-686-1534
5945	00-732-7809	Relay solenoid .. ..	5945	00-655-1404
5945	00-788-1026	Relay armature .. ..	5945	00-259-1281
5945	00-800-4916	Relay armature .. ..	5945	00-679-9457
5945	00-800-7186	Relay armature .. ..	5945	00-683-8154
5945	00-815-5005	Relay, thermal .. ..	5945	00-812-7909
5945	00-820-5650	Relay armature .. ..	5945	00-068-6429
5945	00-823-2125	Relay armature .. ..	5945	00-815-3494
5945	00-825-6541	Relay armature .. ..	5945	00-617-6943
5945	00-872-9208	Starter motor .. ..	6110	00-713-4176
5945	00-889-7164	Relay armature .. ..	5945	00-820-5650
5945	00-894-0681	Relay armature .. ..	5945	00-879-5412
5945	00-972-9476	Relay armature .. ..	5945	00-984-1668
5945	00-978-9792	Solenoid, electrical .. ..	5945	00-898-7166
5945	00-988-1611	Relay armature .. ..	5945	00-062-3317

<i>Old Stock No</i>			<i>New Stock No</i>		
<i>Group Class</i>	<i>Catalogue Number</i>	<i>Item Name</i>	<i>Group Class</i>	<i>Catalogue Number</i>	
5945	00-991-0265	Relay armature .. ..	5945	00-736-1465	
5945	00-201-4332	Relay .. ..	5945	00-553-9611	
5945	00-257-6260	Relay armature .. ..	5945	00-257-9996	
5945	00-586-7038	Relay, thermal .. ..	5945	00-581-1003	
5945	00-615-3216	Relay .. ..	5945	00-617-7072	
5945	00-646-7890	Solenoid, electrical .. ..	5945	00-706-8506	
5945	00-705-4977	Relay armature .. ..	5945	00-843-5199	
5945	00-794-5879	Coil, radio frequency .. ..	5950	00-794-5879	
5945	00-807-9156	Relay armature .. ..	5945	00-900-2098	
5945	00-812-2436	Relay armature .. ..	5945	00-026-5192	
5945	00-840-6467	Relay .. ..	5945	00-225-8692	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/72/181)

#### UNCLASSIFIED

#### 347—Stores (General) (Group Class 6615)—Automatic Pilot Mechanisms and Airborne Gyro Components—Change of Stock Numbers

1. The Stock Numbers of the undermentioned items have been changed, as follows:

<i>Old Stock No</i>			<i>New Stock No</i>		
<i>Group Class</i>	<i>Catalogue Number</i>	<i>Item Name</i>	<i>Group Class</i>	<i>Catalogue Number</i>	
6615	00-510-5160	Clock, aircraft, mechanical .. ..	6645	00-510-5160	
6615	00-526-1050	Excavator, dental .. ..	6520	00-526-1050	
6615	00-535-0112	Washer, flat .. ..	5310	00-535-0112	
6615	00-538-0105	Transformer, power .. ..	5950	00-538-0105	
6615	00-670-5127	Resistance, card .. ..	5905	00-173-6181	
6615	00-717-7157	Transformer, radio frequency .. ..	5950	00-717-7157	
6615	00-754-5123	Clip, spring, tension .. ..	6610	00-754-5123	
6615	00-756-7696	Gear, helical .. ..	6610	00-756-7696	
6615	00-787-0567	Insulation, blanket .. ..	1560	00-787-0567	
6615	00-791-7105	Resistor .. ..	5905	00-791-7105	
6615	00-797-7079	Radiator, hot water .. ..	3655	00-797-7079	
6615	00-910-3116	Gage rod cap, liquid .. ..	2520	00-910-3116	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812.

(DSAP 603/56/1495)

#### UNCLASSIFIED

#### 348—Stores (General) (Group Class 6620)—Engine Instruments—Change of Stock Numbers

1. The Stock Numbers of the undermentioned items have been changed, as follows:

<i>Old Stock No</i>			<i>New Stock No</i>		
<i>Group Class</i>	<i>Catalogue Number</i>	<i>Item Name</i>	<i>Group Class</i>	<i>Catalogue Number</i>	
6620	00-084-3779	Cover end .. ..	6620	00-969-9809	
6620	00-443-4140	Indicator press .. ..	6620	00-332-1585	
6620	00-626-2829	Shim .. ..	5990	00-595-6066	
6620	00-692-8352	Indicator press .. ..	6620	00-514-5334	
6620	00-768-9504	Test, set, fuel flowmeter .. ..	6680	00-768-9504	
6620	00-987-5638	Light .. ..	6220	00-987-5638	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812.

(DSAP 603/56/1494)

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RESTRICTED



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
11 July 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*A. Handau.*

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

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350	Stores (General) (Group Class 5910)—Capacitors—Change of Stock Numbers.

## Section 4

## EQUIPMENT, STORES AND SERVICING

## UNCLASSIFIED

## 349—Stores (General) (Group Class 5905)—Resistors—Change of Stock Numbers

1. The Stock Numbers of the undermentioned items have been changed, as follows:

<i>Old Stock No</i>		<i>Item Name</i>	<i>New Stock No</i>	
<i>Group Class</i>	<i>Catalogue Number</i>		<i>Group Class</i>	<i>Catalogue Number</i>
5905	00-881-2566	Resistor .. ..	5905	00-865-4322
5905	00-702-5982	Resistor .. ..	5905	00-984-1465
5905	00-604-7668	Resistor .. ..	5905	00-556-3344
5905	00-578-4563	Resistor .. ..	5905	00-552-5051
5905	00-581-1016	Resistor .. ..	5905	00-060-3720
5905	00-725-4046	Resistor .. ..	5905	00-812-1605
5905	00-012-8526	Bolt, square neck .. ..	5305	00-012-8526
5905	00-051-0133	Resistor .. ..	5905	00-775-0625
5905	00-051-0135	Resistor .. ..	5905	00-775-0629
5905	00-051-0136	Resistor .. ..	5905	00-903-9038
5905	00-051-0137	Resistor .. ..	5905	00-774-8290
5905	00-051-0154	Resistor .. ..	5905	00-774-8323
5905	00-051-0155	Resistor .. ..	5905	00-775-0623
5905	00-051-0157	Resistor .. ..	5905	00-774-8310
5905	00-051-0738	Resistor .. ..	5905	00-900-2049
5905	00-051-0739	Resistor .. ..	5905	00-774-8300
5905	00-051-0749	Resistor .. ..	5905	00-774-8309
5905	00-051-0750	Resistor .. ..	5905	00-775-0640
5905	00-051-2089	Resistor .. ..	5905	00-776-5338
5905	00-051-2091	Resistor .. ..	5905	00-774-8330
5905	00-051-2094	Resistor .. ..	5905	00-900-9781
5905	00-051-2095	Resistor .. ..	5905	00-774-8288
5905	00-051-2097	Resistor .. ..	5905	00-880-2348
5905	00-051-2098	Resistor .. ..	5905	00-880-6774
5905	00-061-2395	Shim .. ..	2520	00-061-2395
5905	00-061-2420	Resistor .. ..	5905	00-727-9772
5905	00-061-2433	Resistor .. ..	5905	00-766-8362
5905	00-061-2436	Resistor .. ..	5905	00-771-2295
5905	00-061-3868	Resistor .. ..	5905	00-767-3219
5905	00-068-9599	Resistor .. ..	5905	00-904-0430
5905	00-068-9600	Resistor .. ..	5905	00-985-6143
5905	00-066-7399	Capacitor .. ..	5910	00-066-7399
5905	00-237-4296	Connector receptacle .. ..	5935	00-237-4296
5905	00-243-0454	Socket, electron tube .. ..	5935	00-243-0454
5905	00-257-7038	Socket, electron tube .. ..	5935	00-257-7038
5905	00-267-9419	Resistor .. ..	5905	00-880-2350
5905	00-269-4768	Resistor .. ..	5905	00-900-6667
5905	00-279-6258	Lee, pipe to tube .. ..	4730	00-278-6258
5905	00-280-2818	Socket, crystal .. ..	5935	00-280-2818

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5905	00-299-3020	Lens, indicator light	..	6210 00-299-3020
5905	00-391-9853	Resistor .. ..	..	5905 00-581-6086
5905	00-513-2933	Resistor .. ..	..	5905 00-283-5850
5905	00-520-0423	Ring, retaining .. ..	..	5340 00-520-0423
5905	00-532-2454	Plate assembly .. ..	..	6680 00-532-2454
5905	00-539-6776	Transformer, power .. ..	..	5950 00-539-6776
5905	00-556-3768	Resistor .. ..	..	5905 00-069-3919
5905	00-577-9746	Resistor .. ..	..	5905 00-985-5465
5905	00-582-0210	Shoe, device .. ..	..	8430 00-582-0210
5905	00-583-4850	Capacitor, fixed .. ..	..	5910 00-583-4850
5905	00-660-4006	Resistor .. ..	..	5905 00-578-4186
5905	00-675-7642	Hose assembly .. ..	..	4935 00-675-7642
5905	00-682-6931	Lubricant, dry film .. ..	..	9150 00-682-6931
5905	00-682-6985	Resistor .. ..	..	5905 00-744-8293
5905	00-682-6988	Resistor .. ..	..	5905 00-780-2432
5905	00-682-6990	Resistor .. ..	..	5905 00-774-8331
5905	00-682-6993	Cable, special purpose, electrical	..	6145 00-682-6993
5905	00-683-6057	Resistor .. ..	..	5905 00-683-2735
5905	00-687-1761	Connector, plug electrical .. ..	..	5935 00-687-1761
5905	00-682-9230	Resistor .. ..	..	5905 00-581-2748
5905	00-688-3838	Insulation sleeving .. ..	..	5970 00-688-3838
5905	00-702-1761	Resistor .. ..	..	5905 00-583-4163
5905	00-702-4172	Resistor .. ..	..	5905 00-985-4889
5905	00-727-8002	Resistor .. ..	..	5905 00-686-3356
5905	00-781-5628	Resistor .. ..	..	5905 00-774-8301
5905	00-781-5627	Resistor .. ..	..	5905 00-775-0630
5905	00-781-5629	Resistor .. ..	..	5905 00-775-0626
5905	00-781-5631	Resistor .. ..	..	5905 00-774-8292
5905	00-794-3532	Resistor .. ..	..	5905 00-817-6478
5905	00-794-3638	Resistor .. ..	..	5905 00-660-5312
5905	00-803-7802	Resistor .. ..	..	5905 00-817-6478
5905	00-807-1478	Starter, motor .. ..	..	6110 00-807-1478
5905	00-809-0972	Fuse, cartridge .. ..	..	5920 00-809-0972
5905	00-814-1178	Resistor .. ..	..	5905 00-767-7587
5905	00-814-1192	Resistor .. ..	..	5905 00-844-8200
5905	00-814-7601	Resistor .. ..	..	5905 00-914-7793
5905	00-814-9480	Plate, identification .. ..	..	2915 00-814-9480
5905	00-815-0056	Capacitor, fixed, paper .. ..	..	5910 00-815-0056
5905	00-615-8327	Fuseholder .. ..	..	5920 00-615-8327
5905	00-617-7226	Resistor .. ..	..	5905 00-299-2051
5905	00-012-4994	Resistor .. ..	..	5905 00-975-4328
5905	00-033-9782	Resistor .. ..	..	5905 00-538-3258
5905	00-033-9783	Resistor .. ..	..	5905 00-556-7830
5905	00-033-9785	Resistor .. ..	..	5905 00-542-7760
5905	00-033-9788	Resistor .. ..	..	5905 00-542-7762
5905	00-033-9789	Resistor .. ..	..	5905 00-577-6765
5905	00-033-9790	Resistor .. ..	..	5905 00-615-7728
5905	00-033-9791	Resistor .. ..	..	5905 00-577-0703
5905	00-033-9796	Resistor .. ..	..	5905 00-577-9445
5905	00-033-9797	Resistor .. ..	..	5905 00-542-7670

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5905	00-033-9799	Resistor .. ..	..	5905 00-556-3769
5905	00-033-9801	Resistor .. ..	..	5905 00-556-3773
5905	00-033-9815	Resistor .. ..	..	5905 00-192-0660
5905	00-033-9819	Resistor .. ..	..	5905 00-279-1733
5905	00-033-9824	Resistor .. ..	..	5905 00-279-1945
5905	00-033-9828	Resistor .. ..	..	5905 00-253-1233
5905	00-033-9831	Resistor .. ..	..	5905 00-192-0651
5905	00-033-9837	Resistor .. ..	..	5905 00-279-3519
5905	00-033-9909	Resistor .. ..	..	5905 00-686-9994
5905	00-033-9910	Resistor .. ..	..	5905 00-688-3738
5905	00-033-9911	Resistor .. ..	..	5905 00-683-2238
5905	00-033-9921	Resistor .. ..	..	5905 00-279-3414
5905	00-033-9928	Resistor .. ..	..	5905 00-539-4969
5905	00-033-9931	Resistor .. ..	..	5905 00-279-1888
5905	00-034-0009	Resistor .. ..	..	5905 00-686-9997
5905	00-034-0010	Resistor .. ..	..	5905 00-171-2006
5905	00-034-0011	Resistor .. ..	..	5905 00-279-1761
5905	00-034-0015	Resistor .. ..	..	5905 00-279-2673
5905	00-034-0048	Resistor .. ..	..	5905 00-192-0390
5905	00-034-0096	Resistor .. ..	..	5905 00-279-2617
5905	00-034-0125	Resistor .. ..	..	5905 00-299-2020
5905	00-034-0133	Resistor .. ..	..	5905 00-279-2553
5905	00-057-8809	Resistor .. ..	..	5905 00-985-6111
5905	00-060-9454	Resistor .. ..	..	5905 00-914-9260
5905	00-061-2413	Resistor .. ..	..	5905 00-727-9774
5905	00-061-2421	Resistor .. ..	..	5905 00-784-2117
5905	00-061-2428	Resistor .. ..	..	5905 00-903-2967
5905	00-061-2435	Resistor .. ..	..	5905 00-781-9165
5905	00-061-2439	Resistor .. ..	..	5905 00-726-1867
5905	00-061-2440	Resistor .. ..	..	5905 00-772-9460
5905	00-061-5334	Resistor .. ..	..	5905 00-810-0614
5905	00-082-1253	Resistor .. ..	..	5905 00-787-7494
5905	00-082-9205	Resistor .. ..	..	5905 00-258-6955
5905	00-082-9206	Resistor .. ..	..	5905 00-583-7089
5905	00-082-9208	Resistor .. ..	..	5905 00-258-6958
5905	00-082-9209	Resistor .. ..	..	5905 00-258-6924
5905	00-084-4079	Resistor .. ..	..	5905 00-971-6497
5905	00-085-2321	Resistor .. ..	..	5905 00-660-3973
5905	00-088-8264	Resistor .. ..	..	5905 00-880-8442
5905	00-088-8266	Resistor .. ..	..	5905 00-764-7690
5905	00-120-1174	Resistor .. ..	..	5905 00-279-1867
5905	00-171-1971	Resistor .. ..	..	5905 00-279-2024
5905	00-173-9698	Resistor .. ..	..	5905 00-247-1473
5905	00-174-1430	Resistor .. ..	..	5905 00-192-2828
5905	00-189-4747	Resistor .. ..	..	5905 00-280-0788
5905	00-192-0445	Resistor .. ..	..	5905 00-279-2529
5905	00-192-9208	Resistor .. ..	..	5905 00-279-2544
5905	00-193-2099	Resistor .. ..	..	5905 00-174-3010
5905	00-195-9482	Resistor .. ..	..	5905 00-279-3499
5905	00-202-0307	Resistor .. ..	..	5905 00-100-2608



Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5905	00-232-0729	Resistor .. ..	5905	00-279-2668	
5905	00-239-0566	Resistor .. ..	5905	00-279-1752	
5905	00-257-6149	Resistor .. ..	5905	00-279-4981	
5905	00-259-2453	Resistor .. ..	5905	00-195-2013	
5095	00-259-3893	Resistor .. ..	5905	00-108-1585	
5905	00-279-2563	Resistor .. ..	5905	00-185-6859	
5905	00-279-2625	Resistor .. ..	5905	00-279-1965	
5905	00-279-4988	Resistor .. ..	5905	00-257-6156	
5905	00-279-5219	Resistor .. ..	5905	00-504-4880	
5905	00-283-4368	Resistor .. ..	5905	00-279-2643	
5905	00-283-4743	Resistor .. ..	5905	00-257-9237	
5905	00-283-6453	Resistor .. ..	5905	00-577-1821	
5905	00-283-6939	Resistor .. ..	5935	00-642-3607	
5905	00-284-2073	Resistor .. ..	5905	00-107-7669	
5905	00-284-2583	Resistor .. ..	5905	00-577-2189	
5905	00-295-6175	Resistor .. ..	5905	00-174-4846	
5905	00-296-7526	Resistor .. ..	5905	00-299-1750	
5905	00-309-5164	Resistor .. ..	5905	00-238-9301	
5905	00-320-9839	Resistor .. ..	5905	00-279-9555	
5905	00-320-9865	Resistor .. ..	5905	00-666-1033	
5905	00-324-6200	Resistor .. ..	5905	00-299-1541	
5905	00-324-6203	Resistor .. ..	5905	00-279-3506	
5905	00-324-6204	Resistor .. ..	5905	00-279-2671	
5905	00-324-6205	Resistor .. ..	5905	00-279-2515	
5905	00-324-6206	Resistor .. ..	5905	00-279-3517	
5905	00-324-6207	Resistor .. ..	5905	00-279-3496	
5905	00-324-6208	Resistor .. ..	5905	00-279-3495	
5905	00-324-6209	Resistor .. ..	5905	00-299-1971	
5905	00-324-6265	Resistor .. ..	5905	00-185-8516	
5905	00-324-6266	Resistor .. ..	5905	00-249-4239	
5905	00-324-6267	Resistor .. ..	5905	00-257-0937	
5905	00-324-6268	Resistor .. ..	5905	00-185-8530	
5905	00-324-6857	Resistor .. ..	5905	00-100-6648	
5905	00-331-5340	Resistor .. ..	5905	00-179-3504	
5905	00-331-5343	Resistor .. ..	5905	00-279-1883	
5905	00-331-5345	Resistor .. ..	5905	00-279-2521	
5905	00-331-5346	Resistor .. ..	5905	00-190-8885	
5905	00-331-5529	Resistor .. ..	5905	00-249-3656	
5905	00-331-5532	Resistor .. ..	5905	00-279-2516	
5905	00-345-9260	Resistor .. ..	5905	00-256-0415	
5905	00-345-9261	Resistor .. ..	5905	00-279-1878	
5905	00-348-9357	Resistor .. ..	5905	00-357-0936	
5905	00-361-1758	Resistor .. ..	5905	00-114-9963	
5905	00-424-9042	Resistor .. ..	5905	00-238-9279	
5905	00-440-9060	Resistor .. ..	5905	00-722-1129	
5905	00-444-8928	Resistor .. ..	5905	00-825-7560	
5905	00-447-9785	Resistor .. ..	5905	00-979-5951	
5905	00-474-2595	Resistor .. ..	5905	00-620-6416	
5905	00-501-5169	Resistor .. ..	5905	00-279-2622	
5905	00-501-7541	Resistor .. ..	5905	00-299-2000	

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5905	00-502-8073	Resistor .. ..	5905	00-191-5043	
5905	00-502-8658	Resistor .. ..	5905	00-279-1979	
5905	00-503-5735	Resistor .. ..	5905	00-279-2541	
5905	00-503-5888	Resistor .. ..	5905	00-192-0180	
5905	00-504-5152	Resistor .. ..	5905	00-279-1868	
5905	00-508-4721	Resistor .. ..	5905	00-296-7510	
5905	00-510-7292	Resistor .. ..	5905	00-279-1889	
5905	00-510-7296	Resistor .. ..	5905	00-195-6752	
5905	00-510-7308	Resistor .. ..	5905	00-279-1724	
5905	00-510-7311	Resistor .. ..	5905	00-249-4210	
5905	00-510-7343	Resistor .. ..	5905	00-279-3837	
5905	00-510-7344	Resistor .. ..	5905	00-299-2030	
5905	00-510-7348	Resistor .. ..	5905	00-279-1870	
5905	00-510-7368	Resistor .. ..	5905	00-252-5434	
5905	00-510-7369	Resistor .. ..	5905	00-279-3497	
5905	00-510-7372	Resistor .. ..	5905	00-279-2510	
5905	00-518-5941	Resistor .. ..	5905	00-539-4971	
5905	00-518-7453	Resistor .. ..	5905	00-504-5796	
5905	00-518-9214	Resistor .. ..	5905	00-665-6078	
5905	00-518-9578	Resistor .. ..	5905	00-665-5454	
5905	00-521-8928	Resistor .. ..	5905	00-283-8673	
5905	00-535-3803	Resistor .. ..	5905	00-101-2763	
5905	00-537-6436	Resistor .. ..	5905	00-179-1877	
5905	00-537-6458	Resistor .. ..	5905	00-299-2028	
5905	00-539-0132	Resistor .. ..	5905	00-502-9072	
5905	00-539-1091	Resistor .. ..	5905	00-503-9138	
5905	00-539-2031	Resistor .. ..	5905	00-542-8252	
5905	00-539-2799	Resistor .. ..	5905	00-557-2422	
5905	00-539-3235	Resistor .. ..	5905	00-299-1991	
5905	00-539-4219	Resistor .. ..	5905	00-246-1190	
5905	00-539-4471	Resistor .. ..	5905	00-549-2287	
5905	00-539-4903	Resistor .. ..	5905	00-539-1559	
5905	00-539-4973	Resistor .. ..	5905	00-539-2485	
5905	00-542-8066	Resistor .. ..	5905	00-642-1955	
5905	00-542-9498	Resistor .. ..	5905	00-542-8401	
5905	00-542-9653	Resistor .. ..	5905	00-279-2503	
5905	00-542-9708	Resistor .. ..	5905	00-502-2746	
5905	00-542-9792	Resistor .. ..	5905	00-054-0128	
5905	00-549-4416	Resistor .. ..	5905	00-241-7089	
5905	00-549-5648	Resistor .. ..	5905	00-204-6322	
5905	00-549-6139	Resistor .. ..	5905	00-279-2535	
5905	00-549-8512	Resistor .. ..	5905	00-646-5763	
5905	00-549-8981	Resistor .. ..	5905	00-279-2665	
5905	00-549-9216	Resistor .. ..	5905	00-171-1998	
5905	00-552-2581	Resistor .. ..	5905	00-157-2194	
5905	00-552-3520	Resistor .. ..	5905	00-646-5706	
5905	00-552-3547	Resistor .. ..	5905	00-552-2442	
5905	00-552-3683	Resistor .. ..	5905	00-665-5419	
5905	00-552-5039	Resistor .. ..	5905	00-581-1685	
5905	00-552-5040	Resistor .. ..	5905	00-552-6097	

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5905	00-552-5041		Resistor .. ..	5905
5905	00-552-5044	Resistor .. ..	5905	00-539-4970
5905	00-552-5045	Resistor .. ..	5905	00-539-0120
5905	00-552-5446	Resistor .. ..	5905	00-993-5947
5905	00-552-5728	Resistor .. ..	5905	00-556-5307
5905	00-552-5736	Resistor .. ..	5905	00-542-9461
5905	00-552-6913	Resistor .. ..	5905	00-542-8053
5905	00-552-7197	Resistor .. ..	5905	00-552-3522
5905	00-552-7208	Resistor .. ..	5905	00-578-4861
5905	00-553-2199	Resistor .. ..	5905	00-504-5798
5905	00-553-2220	Resistor .. ..	5905	00-539-3810
5905	00-553-2292	Resistor .. ..	5905	00-642-4393
5905	00-553-3174	Resistor .. ..	5905	00-258-0034
5905	00-553-3223	Resistor .. ..	5905	00-552-3524
5905	00-553-9111	Resistor .. ..	5905	00-642-1970
5905	00-556-3284	Resistor .. ..	5905	00-803-6693
5905	00-556-3699	Resistor .. ..	5905	00-577-1871
5905	00-556-3748	Resistor .. ..	5905	00-556-3337
5905	00-556-4626	Resistor .. ..	5905	00-553-2196
5905	00-556-4631	Resistor .. ..	5905	00-542-9789
5905	00-556-4982	Resistor .. ..	5905	00-646-5770
5905	00-556-5059	Resistor .. ..	5905	00-556-6960
5905	00-556-5186	Resistor .. ..	5905	00-665-4992
5905	00-556-5302	Resistor .. ..	5905	00-518-5595
5905	00-556-5565	Resistor .. ..	5905	00-552-5482
5905	00-556-6425	Resistor .. ..	5905	00-556-4627
5905	00-557-2419	Resistor .. ..	5905	00-503-9581
5905	00-557-2902	Resistor .. ..	5905	00-556-6417
5905	00-557-2905	Resistor .. ..	5905	00-518-5939
5905	00-557-4525	Resistor .. ..	5905	00-642-4030
5905	00-561-8196	Resistor .. ..	5905	00-171-1986
5905	00-567-4907	Resistor .. ..	5905	00-226-9566
5905	00-569-5769	Resistor .. ..	5905	00-299-2005
5905	00-569-5770	Resistor .. ..	5905	00-299-2011
5905	00-569-5771	Resistor .. ..	5905	00-299-2009
5905	00-569-5772	Resistor .. ..	5905	00-299-2001
5905	00-569-5774	Resistor .. ..	5905	00-279-3527
5905	00-569-5775	Resistor .. ..	5905	00-299-1999
5905	00-569-5777	Resistor .. ..	5905	00-256-8352
5905	00-569-5778	Resistor .. ..	5905	00-195-6750
5905	00-569-5779	Resistor .. ..	5905	00-192-4504
5905	00-569-5780	Resistor .. ..	5905	00-192-3991
5905	00-569-5789	Resistor .. ..	5905	00-279-2626
5905	00-569-5791	Resistor .. ..	5905	00-171-1999
5905	00-569-5792	Resistor .. ..	5905	00-190-8881
5905	00-569-5793	Resistor .. ..	5905	00-279-1880
5905	00-569-5798	Resistor .. ..	5905	00-279-2520
5905	00-569-5799	Resistor .. ..	5905	00-221-5841
5905	00-569-5800	Resistor .. ..	5905	00-279-1754
5905	00-569-5801	Resistor .. ..	5905	00-279-2654

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5905	00-569-5802		Resistor .. ..	5905
5905	00-569-5803	Resistor .. ..	5905	00-299-2056
5905	00-569-5805	Resistor .. ..	5905	00-279-3521
5905	00-569-5806	Resistor .. ..	5905	00-279-2667
5905	00-569-5807	Resistor .. ..	5905	00-279-2650
5905	00-569-5824	Resistor .. ..	5905	00-299-2041
5905	00-569-5825	Resistor .. ..	5905	00-102-2740
5905	00-569-9951	Resistor .. ..	5905	00-196-3583
5905	00-575-7684	Resistor .. ..	5905	00-279-1900
5905	00-575-7685	Resistor .. ..	5905	00-190-8868
5905	00-575-7686	Resistor .. ..	5905	00-171-1975
5905	00-575-7688	Resistor .. ..	5905	00-299-2050
5905	00-577-0593	Resistor .. ..	5905	00-665-4947
5905	00-577-1718	Resistor .. ..	5905	00-752-3850
5905	00-577-1873	Resistor .. ..	5905	00-581-1254
5905	00-577-2953	Resistor .. ..	5905	00-581-1427
5905	00-577-6705	Resistor .. ..	5905	00-965-8650
5905	00-577-6734	Resistor .. ..	5905	00-952-2146
5905	00-578-2273	Resistor .. ..	5905	00-553-9541
5905	00-578-4562	Resistor .. ..	5905	00-556-5812
5905	00-581-6802	Resistor .. ..	5905	00-553-2219
5905	00-581-7564	Resistor .. ..	5905	00-062-5677
5905	00-583-0549	Resistor .. ..	5905	00-581-7531
5905	00-583-5862	Resistor .. ..	5905	00-581-1023
5905	00-583-7121	Resistor .. ..	5905	00-666-1845
5905	00-586-5720	Resistor .. ..	5905	00-804-9560
5905	00-586-5721	Resistor .. ..	5905	00-804-1056
5905	00-589-5329	Resistor .. ..	5905	00-721-1202
5905	00-602-6633	Resistor .. ..	5905	00-279-3494
5905	00-615-1646	Resistor .. ..	5905	00-501-5184
5905	00-615-1648	Resistor .. ..	5905	00-518-5593
5905	00-615-3893	Resistor .. ..	5905	00-583-7617
5905	00-620-5011	Resistor .. ..	5905	00-259-3767
5905	00-620-6414	Resistor .. ..	5905	00-754-5758
5905	00-620-6416	Resistor .. ..	5905	00-754-5749
5905	00-620-9362	Resistor .. ..	5905	00-578-9848
5905	00-620-9368	Resistor .. ..	5905	00-542-9835
5905	00-622-1833	Resistor .. ..	5905	00-539-4900
5905	00-623-8111	Resistor .. ..	5905	00-981-1624
5905	00-624-9745	Resistor .. ..	5905	00-552-5444
5905	00-626-7246	Resistor .. ..	5905	00-108-1643
5905	00-636-6436	Resistor .. ..	5905	00-259-2990
5905	00-636-9070	Resistor .. ..	5905	00-549-4427
5905	00-636-9429	Resistor .. ..	5905	00-296-7756
5905	00-636-9557	Resistor .. ..	5905	00-296-7749
5905	00-642-0790	Resistor .. ..	5905	00-283-6452
5905	00-642-1530	Resistor .. ..	5905	00-258-7358
5905	00-642-2035	Resistor .. ..	5905	00-549-6965
5905	00-642-3988	Resistor .. ..	5905	00-279-2507
5905	00-642-4062	Resistor .. ..	5905	00-279-3523

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	Item Name
5905	00-642-4063	Resistor .. ..	5905	00-279-3524	
5905	00-642-4071	Resistor .. ..	5905	00-279-1749	
5905	00-642-4835	Resistor .. ..	5905	00-100-3258	
5905	00-642-5327	Resistor .. ..	5905	00-108-2388	
5905	00-643-5220	Resistor .. ..	5905	00-279-3505	
5905	00-643-6325	Resistor .. ..	5905	00-279-2656	
5905	00-643-9135	Resistor .. ..	5905	00-284-3707	
5905	00-643-9494	Resistor .. ..	5905	00-636-6378	
5905	00-643-9816	Resistor .. ..	5905	00-299-2040	
5905	00-644-5294	Resistor .. ..	5905	00-258-8777	
5905	00-644-5533	Resistor .. ..	5905	00-279-8555	
5905	00-644-5562	Resistor .. ..	5905	00-173-5677	
5905	00-644-8561	Resistor .. ..	5905	00-283-6938	
5905	00-646-5734	Resistor .. ..	5905	00-279-2533	
5905	00-646-5749	Resistor .. ..	5905	00-549-3031	
5905	00-646-7887	Resistor .. ..	5905	00-525-2147	
5905	00-648-6932	Resistor .. ..	5905	00-108-9843	
5905	00-648-6937	Resistor .. ..	5905	00-681-9027	
5905	00-648-6940	Resistor .. ..	5905	00-259-7641	
5905	00-648-6961	Resistor .. ..	5905	00-676-7666	
5905	00-648-8077	Resistor .. ..	5905	00-812-5772	
5905	00-648-9109	Resistor .. ..	5905	00-755-5002	
5905	00-648-9114	Resistor .. ..	5905	00-502-0438	
5905	00-648-9178	Resistor .. ..	5905	00-803-7805	
5905	00-648-9179	Resistor .. ..	5905	00-295-3015	
5905	00-648-9181	Resistor .. ..	5905	00-299-1440	
5905	00-648-9186	Resistor .. ..	5905	00-660-5312	
5905	00-648-9189	Resistor .. ..	5905	00-978-2523	
5905	00-648-9550	Resistor .. ..	5905	00-805-2837	
5905	00-648-9693	Resistor .. ..	5905	00-802-5966	
5905	00-648-9712	Resistor .. ..	5905	00-803-6673	
5905	00-649-0073	Resistor .. ..	5905	00-681-8632	
5905	00-655-1663	Resistor .. ..	5905	00-543-8863	
5905	00-655-3165	Resistor .. ..	5905	00-988-2312	
5905	00-660-4129	Resistor .. ..	5905	00-985-5435	
5905	00-660-4188	Resistor .. ..	5905	00-069-3919	
5905	00-660-6262	Resistor .. ..	5905	00-578-0324	
5905	00-660-6410	Resistor .. ..	5905	00-811-4192	
5905	00-660-6562	Resistor .. ..	5905	00-655-3854	
5905	00-660-6849	Resistor .. ..	5905	00-539-0802	
5905	00-665-4364	Resistor .. ..	5905	00-279-1906	
5905	00-665-6043	Resistor .. ..	5905	00-279-1949	
5905	00-665-6047	Resistor .. ..	5905	00-279-1972	
5905	00-665-6377	Resistor .. ..	5905	00-279-3501	
5905	00-665-6613	Resistor .. ..	5905	00-280-1582	
5905	00-665-7853	Resistor .. ..	5905	00-557-9100	
5905	00-666-2774	Resistor .. ..	5905	00-279-3525	
5905	00-666-4833	Resistor .. ..	5905	00-643-5400	
5905	00-677-1334	Resistor .. ..	5905	00-690-9183	
5905	00-677-2014	Resistor .. ..	5905	00-690-9178	

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	Item Name
5905	00-677-7230	Resistor .. ..	5905	00-901-9559	
5905	00-679-2783	Resistor .. ..	5905	00-664-4218	
5905	00-681-3245	Resistor .. ..	5905	00-542-7713	
5905	00-681-5095	Resistor .. ..	5905	00-539-2567	
5905	00-681-8759	Resistor .. ..	5905	00-988-2306	
5905	00-681-9073	Resistor .. ..	5905	00-855-1812	
5905	00-682-0097	Resistor .. ..	5905	00-984-1463	
5905	00-682-1062	Resistor .. ..	5905	00-192-3978	
5905	00-683-2895	Resistor .. ..	5905	00-646-5958	
5905	00-683-5075	Resistor .. ..	5905	00-823-3760	
5905	00-683-7770	Resistor .. ..	5905	00-825-1977	
5905	00-693-5211	Resistor .. ..	5905	00-296-7513	
5905	00-693-5214	Resistor .. ..	5905	00-279-1865	
5905	00-695-5053	Resistor .. ..	5905	00-552-2254	
5905	00-697-3406	Resistor .. ..	5905	00-259-1964	
5905	00-698-3492	Resistor .. ..	5905	00-192-3973	
5905	00-698-3506	Resistor .. ..	5905	00-279-4302	
5905	00-698-3511	Resistor .. ..	5905	00-249-3663	
5905	00-698-3512	Resistor .. ..	5905	00-279-2675	
5905	00-698-3513	Resistor .. ..	5905	00-299-2015	
5905	00-698-3514	Resistor .. ..	5905	00-279-1876	
5905	00-698-3516	Resistor .. ..	5905	00-249-3642	
5905	00-698-3517	Resistor .. ..	5905	00-257-0935	
5905	00-698-3518	Resistor .. ..	5905	00-299-2036	
5905	00-698-3542	Resistor .. ..	5905	00-279-3508	
5905	00-698-3543	Resistor .. ..	5905	00-279-1873	
5905	00-698-3544	Resistor .. ..	5905	00-171-2004	
5905	00-698-3545	Resistor .. ..	5905	00-254-9201	
5905	00-698-3546	Resistor .. ..	5905	00-279-2514	
5905	00-698-3548	Resistor .. ..	5905	00-279-1719	
5905	00-698-3549	Resistor .. ..	5905	00-279-3831	
5905	00-698-3550	Resistor .. ..	5905	00-299-2003	
5905	00-698-3552	Resistor .. ..	5905	00-299-2013	
5905	00-698-3557	Resistor .. ..	5905	00-190-8880	
5905	00-698-3578	Resistor .. ..	5905	00-279-3500	
5905	00-698-3580	Resistor .. ..	5905	00-279-2616	
5905	00-698-3581	Resistor .. ..	5905	00-279-2518	
5905	00-698-3583	Resistor .. ..	5905	00-299-1993	
5905	00-698-3584	Resistor .. ..	5905	00-299-1998	
5905	00-698-3604	Resistor .. ..	5905	00-279-2019	
5905	00-698-3605	Resistor .. ..	5905	00-279-2542	
5905	00-698-3606	Resistor .. ..	5905	00-279-3511	
5905	00-698-3622	Resistor .. ..	5905	00-279-4307	
5905	00-698-3624	Resistor .. ..	5905	00-195-5524	
5905	00-698-3625	Resistor .. ..	5905	00-279-2530	
5905	00-698-3626	Resistor .. ..	5905	00-256-3361	
5905	00-698-3627	Resistor .. ..	5905	00-279-2548	
5905	00-698-3628	Resistor .. ..	5905	00-279-1723	
5905	00-698-3629	Resistor .. ..	5905	00-279-2602	
5905	00-698-3631	Resistor .. ..	5905	00-299-2046	

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	Item Name
5905	00-698-3641	Resistor .. ..	5905	00-279-4309	
5905	00-698-3647	Resistor .. ..	5905	00-279-2527	
5905	00-698-3649	Resistor .. ..	5905	00-279-1757	
5905	00-698-3650	Resistor .. ..	5905	00-190-8883	
5905	00-698-3655	Resistor .. ..	5905	00-195-6791	
5905	00-698-3656	Resistor .. ..	5905	00-252-4018	
5905	00-698-3657	Resistor .. ..	5905	00-279-3498	
5905	00-698-3658	Resistor .. ..	5905	00-279-2517	
5905	00-698-3660	Resistor .. ..	5905	00-279-2522	
5905	00-698-3661	Resistor .. ..	5905	00-192-0667	
5905	00-698-3662	Resistor .. ..	5905	00-279-3513	
5905	00-698-3663	Resistor .. ..	5905	00-221-5848	
5905	00-698-3664	Resistor .. ..	5905	00-279-1875	
5905	00-698-3665	Resistor .. ..	5905	00-299-2022	
5905	00-698-3670	Resistor .. ..	5905	00-249-3661	
5905	00-698-3671	Resistor .. ..	5905	00-279-3502	
5905	00-698-3672	Resistor .. ..	5905	00-185-8510	
5905	00-698-3674	Resistor .. ..	5905	00-195-6453	
5905	00-698-3676	Resistor .. ..	5905	00-279-2519	
5905	00-698-3677	Resistor .. ..	5905	00-195-6754	
5905	00-702-1771	Resistor .. ..	5905	00-857-1994	
5905	00-702-3361	Resistor .. ..	5905	00-892-6475	
5905	00-704-5425	Resistor .. ..	5905	00-660-6930	
5905	00-716-5403	Resistor .. ..	5905	00-682-4247	
5905	00-725-0181	Resistor .. ..	5905	00-723-5251	
5905	00-726-3461	Resistor .. ..	5905	00-617-2606	
5905	00-726-7314	Resistor .. ..	5905	00-683-2241	
5905	00-727-0483	Resistor .. ..	5905	00-726-3381	
5905	00-727-6121	Resistor .. ..	5905	00-581-6185	
5905	00-727-8000	Resistor .. ..	5905	00-683-2242	
5905	00-727-9822	Resistor .. ..	5905	00-686-3358	
5905	00-729-0571	Resistor .. ..	5905	00-702-5673	
5905	00-732-3898	Resistor .. ..	5905	00-687-0789	
5905	00-752-3348	Resistor .. ..	5905	00-556-3336	
5905	00-752-3850	Resistor .. ..	5905	00-683-2836	
5905	00-759-9075	Resistor .. ..	5905	00-283-6489	
5905	00-767-1684	Resistor .. ..	5905	00-615-5998	
5905	00-771-5953	Resistor .. ..	5905	00-835-3407	
5905	00-776-5554	Resistor .. ..	5905	00-683-7720	
5905	00-776-5555	Resistor .. ..	5905	00-683-2235	
5905	00-779-1211	Resistor .. ..	5905	00-852-1544	
5905	00-788-6079	Resistor .. ..	5905	00-825-5072	
5905	00-791-7117	Resistor .. ..	5905	00-648-9179	
5905	00-794-3143	Resistor .. ..	5905	00-064-1671	
5905	00-794-3189	Resistor .. ..	5905	00-877-8209	
5905	00-794-3190	Resistor .. ..	5905	00-808-6039	
5905	00-794-3297	Resistor .. ..	5905	00-752-6360	
5905	00-794-3299	Resistor .. ..	5905	00-794-3799	
5905	00-794-3357	Resistor .. ..	5905	00-063-1112	
5905	00-794-3382	Resistor .. ..	5905	00-752-6363	

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	Item Name
5905	00-794-3449	Resistor .. ..	5905	00-649-0057	
5905	00-794-3470	Resistor .. ..	5905	00-648-7042	
5905	00-794-3512	Resistor .. ..	5905	00-805-2840	
5905	00-794-3522	Resistor .. ..	5905	00-682-0030	
5905	00-794-3529	Resistor .. ..	5905	00-804-8126	
5905	00-794-3541	Resistor .. ..	5905	00-577-1718	
5905	00-794-3564	Resistor .. ..	5905	00-812-2959	
5905	00-794-3592	Resistor .. ..	5905	00-802-5965	
5905	00-794-3593	Resistor .. ..	5905	00-805-6876	
5905	00-794-3594	Resistor .. ..	5905	00-812-6495	
5905	00-794-3596	Resistor .. ..	5905	00-810-3807	
5905	00-794-3631	Resistor .. ..	5905	00-255-1998	
5905	00-794-3632	Resistor .. ..	5905	00-799-1479	
5905	00-794-3635	Resistor .. ..	5905	00-648-8196	
5905	00-794-3679	Resistor .. ..	5905	00-802-9535	
5905	00-794-3689	Resistor .. ..	5905	00-838-4083	
5905	00-794-3743	Resistor .. ..	5905	00-648-7152	
5905	00-794-3937	Resistor .. ..	5905	00-552-6531	
5905	00-794-3939	Resistor .. ..	5905	00-817-6501	
5905	00-794-3940	Resistor .. ..	5905	00-648-8891	
5905	00-794-3990	Resistor .. ..	5905	00-549-7425	
5905	00-794-4033	Resistor .. ..	5905	00-853-4863	
5905	00-794-4075	Resistor .. ..	5905	00-813-1128	
5905	00-794-4076	Resistor .. ..	5905	00-794-3357	
5905	00-794-4156	Resistor .. ..	5905	00-803-6671	
5905	00-794-4169	Resistor .. ..	5905	00-023-9048	
5905	00-797-3819	Resistor .. ..	5905	00-828-4966	
5905	00-798-1486	Resistor .. ..	5905	00-686-2901	
5905	00-798-3787	Resistor .. ..	5905	00-794-3990	
5905	00-799-3582	Resistor .. ..	5905	00-882-4936	
5905	00-799-3657	Resistor .. ..	5905	00-813-1125	
5905	00-799-3687	Resistor .. ..	5905	00-023-5051	
5905	00-799-3689	Resistor .. ..	5905	00-809-6538	
5905	00-799-5702	Resistor .. ..	5905	00-802-3776	
5905	00-799-9138	Resistor .. ..	5905	00-958-4937	
5905	00-799-9620	Resistor .. ..	5905	00-729-8025	
5905	00-799-9621	Resistor .. ..	5905	00-822-9525	
5905	00-799-9622	Resistor .. ..	5905	00-815-7027	
5905	00-799-9643	Resistor .. ..	5905	00-822-9526	
5905	00-801-3371	Resistor .. ..	5905	00-850-6556	
5905	00-801-6997	Resistor .. ..	5905	00-682-4109	
5905	00-801-9921	Resistor .. ..	5905	00-686-3131	
5905	00-802-0136	Resistor .. ..	5905	00-686-3903	
5905	00-802-1461	Resistor .. ..	5905	00-681-8823	
5905	00-802-5422	Resistor .. ..	5905	00-061-4009	
5905	00-803-6673	Resistor .. ..	5905	00-542-9279	
5905	00-804-3942	Resistor .. ..	5905	00-581-1714	
5905	00-804-8126	Resistor .. ..	5905	00-802-9537	
5905	00-805-2837	Resistor .. ..	5905	00-542-9280	
5905	00-806-0596	Resistor .. ..	5905	00-577-9796	

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5905	00-806-6291	Resistor .. ..	5905	00-583-6003
5905	00-809-5463	Resistor .. ..	5905	00-767-7594
5905	00-810-3551	Resistor .. ..	5905	00-542-8408
5905	00-811-7480	Resistor .. ..	5905	00-751-7146
5905	00-812-9261	Resistor .. ..	5905	00-676-7664
5905	00-814-7568	Resistor .. ..	5905	00-767-3223
5905	00-815-6272	Resistor .. ..	5905	00-752-3908
5905	00-818-6014	Resistor .. ..	5905	00-818-8434
5905	00-819-5519	Resistor .. ..	5905	00-583-7670
5905	00-822-9525	Resistor .. ..	5905	00-892-7276
5905	00-822-9526	Resistor .. ..	5905	00-814-0737
5905	00-825-7176	Resistor .. ..	5905	00-279-2674
5905	00-826-8702	Resistor .. ..	5905	00-566-3788
5905	00-827-8066	Resistor .. ..	5905	00-880-9736
5905	00-828-4101	Resistor .. ..	5905	00-767-2581
5905	00-829-0218	Resistor .. ..	5905	00-779-2292
5905	00-829-1299	Resistor .. ..	5905	00-725-9141
5905	00-833-5702	Resistor .. ..	5905	00-824-3077
5905	00-836-1625	Resistor .. ..	5905	00-817-6478
5905	00-836-2660	Resistor .. ..	5905	00-835-5321
5905	00-837-9482	Resistor .. ..	5905	00-279-3503
5905	00-840-0147	Resistor .. ..	5905	00-810-9349
5905	00-847-3519	Resistor .. ..	5905	00-857-1986
5905	00-853-8071	Resistor .. ..	5905	00-101-0746
5905	00-865-5138	Resistor .. ..	5905	00-850-1099
5905	00-874-0737	Resistor .. ..	5905	00-195-6761
5905	00-877-8209	Resistor .. ..	5905	00-799-8214
5905	00-878-9575	Resistor .. ..	5905	00-809-4871
5905	00-882-0056	Resistor .. ..	5905	00-774-8125
5905	00-882-0059	Resistor .. ..	5905	00-767-2842
5905	00-882-0060	Resistor .. ..	5905	00-767-2843
5905	00-882-0062	Resistor .. ..	5905	00-767-3204
5905	00-882-0063	Resistor .. ..	5905	00-900-2089
5905	00-882-0064	Resistor .. ..	5905	00-762-3667
5905	00-882-0065	Resistor .. ..	5905	00-901-4016
5905	00-882-0067	Resistor .. ..	5905	00-767-3233
5905	00-882-0069	Resistor .. ..	5905	00-775-0633
5905	00-882-0071	Resistor .. ..	5905	00-784-9591
5905	00-882-0098	Resistor .. ..	5905	00-727-9768
5905	00-882-0101	Resistor .. ..	5905	00-766-8365
5905	00-892-6933	Resistor .. ..	5905	00-078-7780
5905	00-892-6951	Resistor .. ..	5905	00-195-6806
5905	00-892-7163	Resistor .. ..	5905	00-768-5922
5905	00-892-7164	Resistor .. ..	5905	00-766-8363
5905	00-892-7165	Resistor .. ..	5905	00-767-3213
5905	00-892-7166	Resistor .. ..	5905	00-767-3220
5905	00-892-7167	Resistor .. ..	5905	00-765-5628
5905	00-892-7170	Resistor .. ..	5905	00-766-8369
5905	00-892-7171	Resistor .. ..	5905	00-775-0637
5905	00-892-7172	Resistor .. ..	5905	00-779-8376

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5905	00-892-7173	Resistor .. ..	5905	00-767-7583
5905	00-892-7174	Resistor .. ..	5905	00-767-3205
5905	00-892-7175	Resistor .. ..	5905	00-776-5313
5905	00-892-7178	Resistor .. ..	5905	00-766-8216
5905	00-892-7179	Resistor .. ..	5905	00-717-3342
5905	00-892-7180	Resistor .. ..	5905	00-900-0814
5905	00-899-6452	Resistor .. ..	5905	00-101-7932
5905	00-950-6863	Resistor .. ..	5905	00-078-9478
5905	00-957-6296	Resistor .. ..	5905	00-727-9773
5905	00-957-6300	Resistor .. ..	5905	00-727-9748
5905	00-964-4479	Resistor .. ..	5905	00-768-5986
5905	00-968-4594	Resistor .. ..	5905	00-798-1437
5905	00-975-1219	Resistor .. ..	5905	00-770-5290
5905	00-975-1220	Resistor .. ..	5905	00-769-8532
5905	00-975-1230	Resistor .. ..	5905	00-914-5533
5905	00-975-1244	Resistor .. ..	5905	00-764-7692
5905	00-975-1248	Resistor .. ..	5905	00-913-3071
5905	00-975-1255	Resistor .. ..	5905	00-912-9304
5905	00-975-1277	Resistor .. ..	5905	00-913-3072
5905	00-975-1285	Resistor .. ..	5905	00-763-6629
5905	00-975-1425	Resistor .. ..	5905	00-727-5355
5905	00-975-1431	Resistor .. ..	5905	00-730-1489
5905	00-975-1434	Resistor .. ..	5905	00-914-7807
5905	00-975-1454	Resistor .. ..	5905	00-766-8193
5905	00-975-1464	Resistor .. ..	5905	00-766-8368
5905	00-975-1475	Resistor .. ..	5905	00-767-3230
5905	00-975-4325	Resistor .. ..	5905	00-913-3073
5905	00-975-4328	Resistor .. ..	5905	00-730-1500
5905	00-975-4331	Resistor .. ..	5905	00-768-3666
5905	00-975-4338	Resistor .. ..	5905	00-766-8214
5905	00-975-4340	Resistor .. ..	5905	00-767-3232
5905	00-975-4345	Resistor .. ..	5905	00-770-5416
5905	00-975-4355	Resistor .. ..	5905	00-767-6832
5905	00-975-4356	Resistor .. ..	5905	00-912-6878
5905	00-975-4359	Resistor .. ..	5905	00-762-6907
5905	00-975-4360	Resistor .. ..	5905	00-905-4120
5905	00-975-4361	Resistor .. ..	5905	00-779-1918
5905	00-977-1167	Resistor .. ..	5905	00-811-0056
5905	00-982-8294	Resistor .. ..	5905	00-767-3218
5905	00-988-1551	Resistor .. ..	5905	00-900-2051
5905	00-988-1929	Resistor .. ..	5905	00-726-1885
5905	00-988-2254	Resistor .. ..	5905	00-726-1877
5905	00-988-2259	Resistor .. ..	5905	00-776-5991
5905	00-988-2265	Resistor .. ..	5905	00-884-1608
5905	00-043-6469	Resistor .. ..	5905	00-725-6707
5905	00-051-9819	Resistor .. ..	5905	00-775-0776
5905	00-060-8465	Resistor .. ..	5905	00-725-7773
5905	00-061-2606	Capacitor, fixed .. ..	5910	00-061-2606
5905	00-061-3259	Resistor .. ..	5905	00-767-7389
5905	00-071-2255	Resistor .. ..	5905	00-773-3686

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	Item Name
5905	00-078-9476	Resistor .. ..	5905	00-769-7320	Resistor .. ..
5905	00-081-7590	Resistor .. ..	5905	00-060-1957	Resistor .. ..
5905	00-088-3487	Coil, radio frequency ..	5950	00-088-3487	Coil, radio frequency ..
5905	00-114-3159	Resistor .. ..	5905	00-729-7755	Resistor .. ..
5905	00-171-1898	Resistor .. ..	5905	00-850-9167	Resistor .. ..
5905	00-190-0667	Gasket .. ..	4210	00-190-0667	Gasket .. ..
5905	00-192-0445	Resistor .. ..	5905	00-279-2529	Resistor .. ..
5905	00-193-3971	Control assembly .. ..	1560	00-193-3971	Control assembly .. ..
5905	00-195-6951	Capacitor, fixed, ceramic ..	5910	00-195-6951	Capacitor, fixed, ceramic ..
5905	00-195-9482	Resistor .. ..	5905	00-279-3503	Resistor .. ..
5905	00-195-9495	Resistor .. ..	5905	00-279-2527	Resistor .. ..
5905	00-219-1878	Boot .. ..	1650	00-219-1878	Boot .. ..
5905	00-239-0568	Resistor .. ..	5905	00-279-2527	Resistor .. ..
5905	00-243-6821	Resistor .. ..	5905	00-279-2616	Resistor .. ..
5905	00-254-7079	Capacitor, fixed, mica ..	5910	00-254-7079	Capacitor, fixed, mica ..
5905	00-259-0173	Connector .. ..	5935	00-259-0173	Connector .. ..
5905	00-299-2048	Resistor .. ..	5905	00-473-5251	Resistor .. ..
5905	00-369-9576	Resistor .. ..	5815	00-369-9576	Resistor .. ..
5905	00-501-5169	Resistor .. ..	5905	00-279-2622	Resistor .. ..
5905	00-513-2933	Resistor .. ..	5905	00-283-5850	Resistor .. ..
5905	00-519-9587	Electromagnet .. ..	5950	00-519-9587	Electromagnet .. ..
5905	00-528-4861	Cover, plater .. ..	2520	00-528-4861	Cover, plater .. ..
5905	00-528-5934	Pin, piston .. ..	2805	00-528-5934	Pin, piston .. ..
5905	00-537-6436	Resistor .. ..	5905	00-279-1877	Resistor .. ..
5905	00-542-9185	Resistor .. ..	5905	00-810-5363	Resistor .. ..
5905	00-543-5348	Bolt, lag .. ..	5306	00-543-5348	Bolt, lag .. ..
5905	00-552-2038	Terminal lug .. ..	5940	00-552-2038	Terminal lug .. ..
5905	00-554-5534	Ring, set, piston .. ..	2805	00-554-5534	Ring, set, piston .. ..
5905	00-554-9863	Pump, centrifugal .. ..	2915	00-691-1385	Pump, centrifugal .. ..
5905	00-556-3768	Resistor .. ..	5905	00-069-3919	Resistor .. ..
5905	00-557-7089	Panel, power distribution ..	6110	00-557-7089	Panel, power distribution ..
5905	00-577-1637	Resistor .. ..	5905	00-752-3597	Resistor .. ..
5905	00-577-6734	Resistor .. ..	5905	00-952-2146	Resistor .. ..
5905	00-577-9746	Resistor .. ..	5905	00-985-5465	Resistor .. ..
5905	00-581-7564	Resistor .. ..	5905	00-062-5677	Resistor .. ..
5905	00-606-5816	Transformer .. ..	5950	00-606-5816	Transformer .. ..
5905	00-606-6646	Transformer, power .. ..	5950	00-606-6646	Transformer, power .. ..
5905	00-615-5249	Resistor .. ..	5905	00-686-9996	Resistor .. ..
5905	00-636-6398	Resistor .. ..	5905	00-114-3159	Resistor .. ..
5905	00-643-9816	Resistor .. ..	5905	00-299-2040	Resistor .. ..
5905	00-645-2856	Coil, radio frequency ..	5950	00-645-2856	Coil, radio frequency ..
5905	00-647-9473	Transformer, radio frequency ..	5950	00-647-9473	Transformer, radio frequency ..
5905	00-655-3165	Resistor .. ..	5905	00-988-2312	Resistor .. ..
5905	00-655-3167	Resistor .. ..	5905	00-983-5949	Resistor .. ..
5905	00-660-4129	Resistor .. ..	5905	00-985-5435	Resistor .. ..
5905	00-660-4188	Resistor .. ..	5905	00-069-3919	Resistor .. ..
5905	00-660-9103	Resistor .. ..	5905	00-063-4724	Resistor .. ..
5905	00-681-2922	Resistor .. ..	5905	00-810-8117	Resistor .. ..
5905	00-681-8759	Resistor .. ..	5905	00-988-2306	Resistor .. ..
5905	00-688-4325	Resistor .. ..	5905	00-952-4085	Resistor .. ..

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	Item Name
5905	00-702-1761	Resistor .. ..	5905	00-583-4163	Resistor .. ..
5905	00-702-1771	Resistor .. ..	5905	00-857-1994	Resistor .. ..
5905	00-702-4172	Resistor .. ..	5905	00-985-4889	Resistor .. ..
5905	00-702-5982	Resistor .. ..	5905	00-984-1465	Resistor .. ..
5905	00-715-0760	Resistor .. ..	5905	00-985-5127	Resistor .. ..
5905	00-721-5344	Bumper rubber .. ..	5340	00-721-5344	Bumper rubber .. ..
5905	00-726-6832	Screw .. ..	1005	00-726-6832	Screw .. ..
5905	00-726-7129	Transformer .. ..	5950	00-726-7129	Transformer .. ..
5905	00-721-8002	Resistor .. ..	5905	00-686-3356	Resistor .. ..
5905	00-752-2545	Cable assembly .. ..	5995	00-752-2545	Cable assembly .. ..
5905	00-752-3392	Gear cluster, spur .. ..	6620	00-752-3392	Gear cluster, spur .. ..
5905	00-761-7709	Coil .. ..	5950	00-761-7709	Coil .. ..
5905	00-810-8040	Resistor .. ..	5905	00-081-6381	Resistor .. ..
5905	00-815-0056	Capacitor .. ..	5910	00-815-0056	Capacitor .. ..
5905	00-834-2959	Resistor .. ..	5905	00-780-7571	Resistor .. ..
5905	00-840-1032	Resistor .. ..	5905	00-901-6977	Resistor .. ..
5905	00-850-9645	Resistor .. ..	5905	00-087-7937	Resistor .. ..
5905	00-882-0064	Resistor .. ..	5905	00-762-3667	Resistor .. ..
5905	00-882-0065	Resistor .. ..	5905	00-901-4016	Resistor .. ..
5905	00-892-2825	Capacitor .. ..	5910	00-892-2825	Capacitor .. ..
5905	00-892-6559	Resistor .. ..	5905	00-857-6974	Resistor .. ..
5905	00-892-6886	Resistor .. ..	5905	00-958-3257	Resistor .. ..
5905	00-892-6951	Resistor .. ..	5905	00-195-6806	Resistor .. ..
5905	00-892-7087	Resistor .. ..	5905	00-766-8366	Resistor .. ..
5905	00-892-7167	Resistor .. ..	5905	00-765-5628	Resistor .. ..
5905	00-892-7172	Resistor .. ..	5905	00-767-7583	Resistor .. ..
5905	00-894-0981	Reactor .. ..	5950	00-894-0981	Reactor .. ..
5905	00-900-9076	Capacitor .. ..	5910	00-900-9076	Capacitor .. ..
5905	00-951-2089	Resistor .. ..	5905	00-042-9745	Resistor .. ..
5905	00-979-3418	Charcoal, activated .. ..	6810	00-979-3418	Charcoal, activated .. ..
5905	00-985-3504	Knob .. ..	5355	00-985-3504	Knob .. ..
5905	00-987-0917	Test set .. ..	4935	00-987-0917	Test set .. ..
5905	00-993-5491	Wire, electrical .. ..	5995	00-993-5491	Wire, electrical .. ..
5905	00-993-0684	Resistor .. ..	5905	00-763-9285	Resistor .. ..

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/66/296)

UNCLASSIFIED

350—Stores (General) (Group Class 5910)—Capacitors—Change of Stock Numbers

1. The Stock Numbers of the undermentioned items have been changed, as follows:

<i>Old Stock No</i>			<i>New Stock No</i>		
<i>Group Class</i>	<i>Catalogue Number</i>	<i>Item Name</i>	<i>Group Class</i>	<i>Catalogue Number</i>	
5910	00-012-5052	Capacitor .. ..	5910	00-829-0122	
5910	00-022-7380	Capacitor .. ..	5910	00-994-2564	
5910	00-027-7619	Capacitor .. ..	5910	00-667-8725	
5910	00-034-1758	Capacitor .. ..	5910	00-668-5206	
5910	00-034-1760	Capacitor .. ..	5910	00-668-5204	
5910	00-034-5225	Capacitor .. ..	5910	00-537-5245	
5910	00-034-5517	Capacitor .. ..	5910	00-440-1984	
5910	00-058-0874	Capacitor .. ..	5910	00-836-8846	
5910	00-061-7770	Capacitor .. ..	5910	00-844-0903	
5910	00-062-1225	Capacitor .. ..	5910	00-952-3664	
5910	00-070-9549	Filter, radio interference ..	5915	00-070-9549	
5910	00-082-9340	Capacitor .. ..	5910	00-126-9169	
5910	00-085-1323	Capacitor .. ..	5910	00-186-3162	
5910	00-089-5979	Capacitor .. ..	5910	00-827-0175	
5910	00-091-1047	Capacitor .. ..	5910	00-666-0297	
5910	00-100-5773	Capacitor .. ..	5910	00-722-3539	
5910	00-100-5776	Capacitor .. ..	5910	00-702-3620	
5910	00-101-0529	Capacitor .. ..	5910	00-688-3016	
5910	00-101-5664	Capacitor .. ..	5910	00-666-6133	
5910	00-112-7103	Capacitor .. ..	5910	00-819-2153	
5910	00-112-7558	Capacitor .. ..	5910	00-827-0173	
5910	00-112-8045	Capacitor .. ..	5910	00-808-5016	
5910	00-112-8210	Capacitor .. ..	5910	00-583-4475	
5910	00-112-8248	Capacitor .. ..	5910	00-578-1623	
5910	00-112-8406	Capacitor .. ..	5910	00-583-4138	
5910	00-112-8412	Capacitor .. ..	5910	00-543-0820	
5910	00-114-3473	Capacitor .. ..	5910	00-543-0611	
5910	00-120-1670	Capacitor .. ..	5910	00-825-7949	
5910	00-126-1615	Capacitor .. ..	5910	00-578-5543	
5910	00-126-1618	Capacitor .. ..	5910	00-556-9440	
5910	00-126-9214	Capacitor .. ..	5910	00-666-6356	
5910	00-126-9566	Capacitor .. ..	5910	00-543-9267	
5910	00-126-9616	Capacitor .. ..	5910	00-669-4904	
5910	00-129-6240	Capacitor .. ..	5910	00-543-9294	
5910	00-160-1077	Capacitor .. ..	5910	00-636-4271	
5910	00-174-9218	Capacitor .. ..	5910	00-815-4631	
5910	00-184-3743	Capacitor .. ..	5910	00-807-7248	
5910	00-187-2791	Capacitor .. ..	5910	00-844-9571	
5910	00-188-1502	Capacitor .. ..	5910	00-810-0690	
5910	00-192-2360	Capacitor .. ..	5910	00-126-1579	
5910	00-194-3014	Capacitor .. ..	5910	00-270-8978	
5910	00-194-3017	Capacitor .. ..	5910	00-264-9420	
5910	00-195-2568	Capacitor .. ..	5910	00-578-8532	

<i>Old Stock No</i>			<i>New Stock No</i>		
<i>Group Class</i>	<i>Catalogue Number</i>	<i>Item Name</i>	<i>Group Class</i>	<i>Catalogue Number</i>	
5910	00-195-5384	Capacitor .. ..	5910	00-356-0075	
5910	00-195-6556	Capacitor .. ..	5910	00-577-7911	
5910	00-195-8614	Capacitor .. ..	5910	00-174-9207	
5910	00-196-0599	Capacitor .. ..	5910	00-644-6645	
5910	00-196-2501	Capacitor .. ..	5910	00-107-3987	
5910	00-197-1559	Capacitor .. ..	5910	00-890-8859	
5910	00-197-1562	Capacitor .. ..	5910	00-702-0428	
5910	00-197-1566	Capacitor .. ..	5910	00-683-3165	
5910	00-197-1570	Capacitor .. ..	5910	00-686-7103	
5910	00-217-2478	Capacitor .. ..	5910	00-666-6725	
5910	00-227-0285	Capacitor .. ..	5910	00-543-9468	
5910	00-227-0715	Capacitor .. ..	5910	00-543-9272	
5910	00-227-0814	Capacitor .. ..	5910	00-276-6823	
5910	00-235-0872	Capacitor .. ..	5910	00-280-8271	
5910	00-236-0882	Capacitor .. ..	5910	00-236-0881	
5910	00-240-2900	Capacitor .. ..	5910	00-085-0825	
5910	00-240-7782	Capacitor .. ..	5910	00-192-2140	
5910	00-244-1617	Capacitor .. ..	5910	00-812-5044	
5910	00-248-2212	Capacitor .. ..	5910	00-519-6844	
5910	00-248-2233	Capacitor .. ..	5910	00-702-9544	
5910	00-256-4964	Capacitor .. ..	5910	00-543-0854	
5910	00-263-0870	Capacitor .. ..	5910	00-668-4582	
5910	00-264-9443	Capacitor .. ..	5910	00-649-2979	
5910	00-264-9444	Capacitor .. ..	5910	00-806-7358	
5910	00-270-4870	Capacitor .. ..	5910	00-717-0169	
5910	00-270-8918	Capacitor .. ..	5910	00-809-2785	
5910	00-270-9480	Capacitor .. ..	5910	00-112-8466	
5910	00-280-5165	Capacitor .. ..	5910	00-818-9070	
5910	00-280-5279	Capacitor .. ..	5910	00-112-7470	
5910	00-280-5364	Capacitor .. ..	5910	00-112-7840	
5910	00-280-5400	Capacitor .. ..	5910	00-543-9289	
5910	00-280-5925	Capacitor .. ..	5910	00-643-7830	
5910	00-280-6516	Capacitor .. ..	5910	00-660-7502	
5910	00-280-8187	Capacitor .. ..	5910	00-667-5656	
5910	00-280-8203	Capacitor .. ..	5910	00-280-5858	
5910	00-280-9175	Capacitor .. ..	5910	00-826-7639	
5910	00-284-4012	Capacitor .. ..	5910	00-270-9327	
5910	00-284-5110	Capacitor .. ..	5910	00-197-8867	
5910	00-303-5177	Capacitor .. ..	5910	00-129-6113	
5910	00-321-7067	Capacitor .. ..	5910	00-276-6887	
5910	00-324-5089	Capacitor .. ..	5910	00-236-0893	
5910	00-324-6185	Capacitor .. ..	5910	00-264-9426	
5910	00-324-6232	Capacitor .. ..	5910	00-112-8267	
5910	00-331-2319	Capacitor .. ..	5910	00-129-6136	
5910	00-444-0489	Capacitor .. ..	5910	00-448-0489	
5910	00-448-0851	Capacitor .. ..	5910	00-088-2766	
5910	00-475-4340	Capacitor .. ..	5910	00-663-5850	
5910	00-510-5981	Capacitor .. ..	5910	00-270-9507	
5910	00-510-5982	Capacitor .. ..	5910	00-281-0886	
5910	00-513-3898	Capacitor .. ..	5910	00-667-5825	

<i>Old Stock No</i>		<i>Item Name</i>	<i>New Stock No</i>	
<i>Group Class</i>	<i>Catalogue Number</i>		<i>Group Class</i>	<i>Catalogue Number</i>
5910	00-519-4459	Capacitor .. ..	5910	00-101-4775
5910	00-519-8409	Capacitor .. ..	5910	00-280-7865
5910	00-520-9967	Capacitor .. ..	5910	00-665-0187
5910	00-521-7687	Capacitor .. ..	5910	00-666-6220
5910	00-521-7750	Capacitor .. ..	5910	00-504-7171
5910	00-535-4040	Capacitor .. ..	5910	00-112-7042
5910	00-537-5251	Capacitor .. ..	5910	00-722-1546
5910	00-538-1582	Capacitor .. ..	5910	00-649-3112
5910	00-538-2531	Capacitor .. ..	5910	00-823-1971
5910	00-538-7477	Capacitor .. ..	5910	00-543-0845
5910	00-538-7583	Capacitor .. ..	5910	00-112-7524
5910	00-538-7740	Capacitor .. ..	5910	00-194-7431
5910	00-538-7978	Capacitor .. ..	5910	00-112-6962
5910	00-542-7376	Capacitor .. ..	5910	00-815-3907
5910	00-542-7519	Capacitor .. ..	5910	00-552-9868
5910	00-543-0001	Capacitor .. ..	5910	00-126-9189
5910	00-543-0775	Capacitor .. ..	5910	00-667-7000
5910	00-543-0846	Capacitor .. ..	5910	00-819-2100
5910	00-543-1188	Capacitor .. ..	5910	00-668-0582
5910	00-543-9220	Capacitor .. ..	5910	00-818-1633
5910	00-543-9279	Capacitor .. ..	5910	00-834-8114
5910	00-544-6314	Capacitor .. ..	5910	00-236-4508
5910	00-544-6315	Capacitor .. ..	5910	00-299-2251
5910	00-544-6460	Capacitor .. ..	5910	00-666-6762
5910	00-544-6463	Capacitor .. ..	5910	00-264-9425
5910	00-544-6464	Capacitor .. ..	5910	00-265-5766
5910	00-544-6465	Capacitor .. ..	5910	00-264-9427
5910	00-544-6466	Capacitor .. ..	5910	00-264-9432
5910	00-544-6838	Capacitor .. ..	5910	00-542-7519
5910	00-544-6986	Capacitor .. ..	5910	00-547-4214
5910	00-546-9117	Capacitor .. ..	5910	00-682-3302
5910	00-547-2987	Capacitor .. ..	5910	00-281-0829
5910	00-547-3023	Capacitor .. ..	5910	00-577-1293
5910	00-547-8877	Capacitor .. ..	5910	00-114-2356
5910	00-552-0303	Capacitor .. ..	5910	00-668-3133
5910	00-552-1536	Capacitor .. ..	5910	00-804-2378
5910	00-552-8311	Capacitor .. ..	5910	00-543-0389
5910	00-552-8501	Capacitor .. ..	5910	00-643-8572
5910	00-552-8889	Capacitor .. ..	5910	00-841-1729
5910	00-552-9881	Capacitor .. ..	5910	00-850-5332
5910	00-553-4967	Capacitor .. ..	5910	00-112-7333
5910	00-561-8217	Capacitor .. ..	5910	00-280-5834
5910	00-564-1997	Capacitor .. ..	5910	00-112-6916
5910	00-565-0025	Capacitor .. ..	5910	00-187-2791
5910	00-569-6089	Capacitor .. ..	5910	00-112-7839
5910	00-577-1183	Capacitor .. ..	5910	00-543-9497
5910	00-577-3231	Capacitor .. ..	5910	00-851-0690
5910	00-578-1210	Capacitor .. ..	5910	00-112-6968
5910	00-578-1668	Capacitor .. ..	5910	00-581-8114
5910	00-581-5473	Capacitor .. ..	5910	00-836-0406

<i>Old Stock No</i>		<i>Item Name</i>	<i>New Stock No</i>	
<i>Group Class</i>	<i>Catalogue Number</i>		<i>Group Class</i>	<i>Catalogue Number</i>
5910	00-581-5516	Capacitor .. ..	5910	00-126-1613
5910	00-581-5617	Capacitor .. ..	5910	00-825-1842
5910	00-581-5641	Capacitor .. ..	5910	00-810-4833
5910	00-581-8414	Capacitor .. ..	5910	00-688-6888
5910	00-581-8987	Capacitor .. ..	5910	00-280-7406
5910	00-583-0264	Capacitor .. ..	5910	00-666-7328
5910	00-583-1707	Capacitor .. ..	5910	00-648-7991
5910	00-583-4075	Capacitor .. ..	5910	00-578-8292
5910	00-593-2441	Capacitor .. ..	5910	00-686-7110
5910	00-593-2442	Capacitor .. ..	5910	00-683-3152
5910	00-604-4695	Capacitor .. ..	5910	00-667-3376
5910	00-610-5756	Capacitor .. ..	5910	00-556-2885
5910	00-611-0924	Capacitor .. ..	5910	00-126-9179
5910	00-615-0541	Capacitor .. ..	5910	00-542-7374
5910	00-615-0846	Capacitor .. ..	5910	00-702-9928
5910	00-615-0847	Capacitor .. ..	5910	00-649-5176
5910	00-615-5789	Capacitor .. ..	5910	00-615-4147
5910	00-617-3026	Capacitor .. ..	5910	00-644-3550
5910	00-617-4250	Capacitor .. ..	5910	00-823-1099
5910	00-617-4622	Capacitor .. ..	5910	00-543-1200
5910	00-622-1019	Capacitor .. ..	5910	00-666-0084
5910	00-626-6083	Capacitor .. ..	5910	00-649-2946
5910	00-626-6086	Capacitor .. ..	5910	00-581-8409
5910	00-627-6408	Capacitor .. ..	5910	00-538-7733
5910	00-632-6790	Capacitor .. ..	5910	00-506-9269
5910	00-636-3755	Capacitor .. ..	5910	00-552-1309
5910	00-642-6242	Capacitor .. ..	5910	00-245-0562
5910	00-642-6247	Capacitor .. ..	5910	00-245-0586
5910	00-642-6294	Capacitor .. ..	5910	00-649-1443
5910	00-643-8978	Capacitor .. ..	5910	00-643-5875
5910	00-643-9151	Capacitor .. ..	5910	00-686-1152
5910	00-644-0646	Capacitor .. ..	5910	00-668-3129
5910	00-644-0678	Capacitor .. ..	5910	00-826-2463
5910	00-644-3752	Capacitor .. ..	5910	00-989-2197
5910	00-644-3753	Capacitor .. ..	5910	00-615-4044
5910	00-644-5978	Capacitor .. ..	5910	00-754-8615
5910	00-644-6159	Capacitor .. ..	5910	00-844-6469
5910	00-644-6338	Capacitor .. ..	5910	00-690-9491
5910	00-644-6535	Capacitor .. ..	5910	00-299-2315
5910	00-646-5200	Capacitor .. ..	5910	00-188-1292
5910	00-646-5351	Capacitor .. ..	5910	00-160-2259
5910	00-648-6913	Capacitor .. ..	5910	00-553-5681
5910	00-648-8908	Capacitor .. ..	5910	00-184-3773
5910	00-648-9596	Capacitor .. ..	5910	00-543-9552
5910	00-649-1725	Capacitor .. ..	5910	00-552-0524
5910	00-649-4256	Capacitor .. ..	5910	00-581-2579
5910	00-663-4777	Capacitor .. ..	5910	00-715-0438
5910	00-663-4949	Capacitor .. ..	5910	00-825-5277
5910	00-663-5819	Capacitor .. ..	5910	00-526-0694
5910	00-666-0130	Capacitor .. ..	5910	00-112-6996



Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5910	00-666-0137	Capacitor .. ..	5910	00-265-5787	
5910	00-666-6279	Capacitor .. ..	5910	00-112-7641	
5910	00-666-7286	Capacitor .. ..	5910	00-649-5150	
5910	00-666-7734	Capacitor .. ..	5910	00-727-0943	
5910	00-666-7940	Capacitor .. ..	5910	00-668-3135	
5910	00-666-8015	Capacitor .. ..	5910	00-557-6791	
5910	00-666-8104	Capacitor .. ..	5910	00-726-5373	
5910	00-666-8139	Capacitor .. ..	5910	00-681-2005	
5910	00-666-8917	Capacitor .. ..	5910	00-868-6367	
5910	00-666-9205	Capacitor .. ..	5910	00-063-0695	
5910	00-666-9207	Capacitor .. ..	5910	00-725-4795	
5910	00-667-5220	Capacitor .. ..	5910	00-826-4758	
5910	00-667-5820	Capacitor .. ..	5910	00-196-0102	
5910	00-667-6956	Capacitor .. ..	5910	00-112-6956	
5910	00-667-7304	Capacitor .. ..	5910	00-644-6263	
5910	00-667-7591	Capacitor .. ..	5910	00-668-1254	
5910	00-668-0032	Capacitor .. ..	5910	00-643-9132	
5910	00-668-0236	Capacitor .. ..	5910	00-583-0718	
5910	00-668-0326	Capacitor .. ..	5910	00-667-5387	
5910	00-668-1864	Capacitor .. ..	5910	00-199-6038	
5910	00-668-1876	Capacitor .. ..	5910	00-752-4843	
5910	00-668-1948	Capacitor .. ..	5910	00-280-5793	
5910	00-668-1962	Capacitor .. ..	5910	00-112-7161	
5910	00-668-1965	Capacitor .. ..	5910	00-126-9224	
5910	00-668-2192	Capacitor .. ..	5910	00-126-9178	
5910	00-668-3028	Capacitor .. ..	5910	00-276-6849	
5910	00-668-3070	Capacitor .. ..	5910	00-666-5834	
5910	00-668-3089	Capacitor .. ..	5910	00-160-1808	
5910	00-668-3130	Capacitor .. ..	5910	00-668-6186	
5910	00-668-3366	Capacitor .. ..	5910	00-636-2130	
5910	00-668-3579	Capacitor .. ..	5910	00-666-9114	
5910	00-668-3626	Capacitor .. ..	5910	00-702-6659	
5910	00-668-6181	Capacitor .. ..	5910	00-668-8168	
5910	00-668-6182	Capacitor .. ..	5910	0-0668-8167	
5910	00-668-6184	Capacitor .. ..	5910	00-668-4795	
5910	00-668-6679	Capacitor .. ..	5910	00-666-8274	
5910	00-668-7506	Capacitor .. ..	5910	00-240-7780	
5910	00-668-7571	Capacitor .. ..	5910	00-665-0301	
5910	00-669-1799	Capacitor .. ..	5910	00-249-5427	
5910	00-669-2059	Capacitor .. ..	5910	00-184-0210	
5910	00-669-2809	Capacitor .. ..	5910	00-112-7248	
5910	00-669-2892	Capacitor .. ..	5910	00-665-0260	
5910	00-669-3605	Capacitor .. ..	5910	00-834-6026	
5910	00-669-4235	Capacitor .. ..	5910	00-101-5639	
5910	00-678-5459	Capacitor .. ..	5910	00-686-9136	
5910	00-679-9505	Capacitor .. ..	5910	00-668-7223	
5910	00-679-9516	Capacitor .. ..	5910	00-577-9360	
5910	00-681-2356	Capacitor .. ..	5910	00-985-0453	
5910	00-681-2495	Capacitor .. ..	5910	00-027-7297	
5910	00-681-7143	Capacitor .. ..	5910	00-264-9444	

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5910	00-681-7541	Capacitor .. ..	5910	00-819-5195	
5910	00-682-3139	Capacitor .. ..	5910	00-823-1138	
5910	00-682-3723	Capacitor .. ..	5910	00-617-3764	
5910	00-682-3822	Capacitor .. ..	5910	00-815-0386	
5910	00-682-3834	Capacitor .. ..	5910	00-556-0893	
5910	00-683-2992	Capacitor .. ..	5910	00-681-6380	
5910	00-683-3268	Capacitor .. ..	5910	00-894-1614	
5910	00-683-3319	Capacitor .. ..	5910	00-812-5045	
5910	00-683-3737	Capacitor .. ..	5910	00-817-9216	
5910	00-683-3815	Capacitor .. ..	5910	00-577-3014	
5910	00-683-7366	Capacitor .. ..	5910	00-833-7797	
5910	00-683-7405	Capacitor .. ..	5910	00-557-6129	
5910	00-686-2377	Capacitor .. ..	5910	00-676-7576	
5910	00-686-6124	Capacitor .. ..	5910	00-682-3726	
5910	00-686-6238	Capacitor .. ..	5910	00-668-2345	
5910	00-686-6363	Capacitor .. ..	5910	00-838-3169	
5910	00-686-7109	Capacitor .. ..	5910	00-660-4979	
5910	00-686-7111	Capacitor .. ..	5910	00-838-3166	
5910	00-686-8982	Capacitor .. ..	5910	00-660-4726	
5910	00-688-6124	Capacitor .. ..	5910	00-826-4753	
5910	00-694-4722	Capacitor .. ..	5910	00-669-3137	
5910	00-694-5509	Capacitor .. ..	5910	00-280-8705	
5910	00-697-9243	Capacitor .. ..	5910	00-160-1733	
5910	00-699-2454	Capacitor .. ..	5910	00-112-7531	
5910	00-699-2768	Capacitor .. ..	5910	00-112-7482	
5910	00-699-2779	Capacitor .. ..	5910	00-120-1687	
5910	00-699-2988	Capacitor .. ..	5910	00-164-7387	
5910	00-712-4153	Capacitor .. ..	5910	00-990-1654	
5910	00-713-1953	Capacitor .. ..	5910	00-542-7493	
5910	00-715-8992	Semi-conductor device diode ..	5960	00-983-7158	
5910	00-715-8993	Semi-conductor device diode ..	5960	00-990-4581	
5910	00-716-6120	Capacitor .. ..	5910	00-682-3262	
5910	00-721-2049	Capacitor .. ..	5910	00-189-5486	
5910	00-721-2267	Capacitor .. ..	5910	00-253-9133	
5910	00-722-5867	Capacitor .. ..	5910	00-583-0283	
5910	00-724-7397	Capacitor .. ..	5910	00-964-1066	
5910	00-725-8222	Capacitor .. ..	5910	00-552-9883	
5910	00-726-8576	Capacitor .. ..	5910	00-727-9960	
5910	00-737-9466	Capacitor .. ..	5910	00-988-7897	
5910	00-752-4162	Capacitor .. ..	5910	00-708-1681	
5910	00-752-4232	Capacitor .. ..	5910	00-685-9700	
5910	00-752-5129	Capacitor .. ..	5910	00-280-7578	
5910	00-754-6521	Capacitor .. ..	5910	00-666-8475	
5910	00-754-7049	Capacitor .. ..	5910	00-822-5683	
5910	00-755-0146	Capacitor .. ..	5910	00-543-0772	
5910	00-755-4038	Capacitor .. ..	5910	00-284-4045	
5910	00-755-9067	Capacitor .. ..	5910	00-112-7433	
5910	00-755-9134	Capacitor .. ..	5910	00-112-7261	
5910	00-755-9137	Capacitor .. ..	5910	00-583-0655	
5910	00-755-9145	Capacitor .. ..	5910	00-112-6972	

<i>Old Stock No</i>		<i>Item Name</i>	<i>New Stock No</i>	
<i>Group Class</i>	<i>Catalogue Number</i>		<i>Group Class</i>	<i>Catalogue Number</i>
5910	00-755-9162	Capacitor .. ..	5910	00-129-6259
5010	00-755-9556	Capacitor .. ..	5910	00-683-3977
5910	00-755-9599	Capacitor .. ..	5910	00-617-4293
5910	00-764-7730	Capacitor .. ..	5910	00-112-7399
5910	00-777-7381	Capacitor .. ..	5910	00-858-4290
5910	00-779-3284	Capacitor .. ..	5910	00-556-0956
5910	00-780-8267	Capacitor .. ..	5910	00-850-5355
5910	00-790-9234	Capacitor .. ..	5910	00-683-3718
5910	00-792-0103	Capacitor .. ..	5910	00-811-1281
5910	00-794-3133	Capacitor .. ..	5910	00-837-8357
5910	00-794-3165	Capacitor .. ..	5910	00-815-5898
5910	00-794-3237	Capacitor .. ..	5910	00-721-1715
5910	00-794-3241	Capacitor .. ..	5910	00-721-2030
5910	00-794-3254	Capacitor .. ..	5910	00-877-8156
5910	00-794-3265	Capacitor .. ..	5910	00-811-1816
5910	00-794-3268	Capacitor .. ..	5910	00-984-2337
5910	00-794-3283	Capacitor .. ..	5910	00-839-5603
5910	00-794-3284	Capacitor .. ..	5910	00-667-3891
5910	00-794-3292	Capacitor .. ..	5910	00-803-0494
5910	00-794-3295	Capacitor .. ..	5910	00-812-9139
5910	00-794-3311	Capacitor .. ..	5910	00-806-4283
5910	00-794-3320	Capacitor .. ..	5910	00-818-0348
5910	00-794-3323	Capacitor .. ..	5910	00-194-7451
5910	00-794-3328	Capacitor .. ..	5910	00-951-0668
5910	00-794-3365	Capacitor .. ..	5910	00-557-6593
5910	00-794-3366	Capacitor .. ..	5910	00-809-6112
5910	00-794-3394	Capacitor .. ..	5910	00-667-5320
5910	00-794-3421	Capacitor .. ..	5910	00-819-7653
5910	00-794-3438	Capacitor .. ..	5910	00-950-3924
5910	00-794-3439	Capacitor .. ..	5910	00-883-5039
5910	00-794-3666	Capacitor .. ..	5910	00-648-6925
5910	00-794-3785	Capacitor .. ..	5910	00-648-6930
5910	00-794-3806	Capacitor .. ..	5910	00-682-3251
5910	00-794-4261	Capacitor .. ..	5910	00-801-1005
5910	00-797-3791	Capacitor .. ..	5910	00-754-9740
5910	00-797-9739	Capacitor .. ..	5910	00-954-4791
5910	00-798-5631	Capacitor .. ..	5910	00-666-9103
5910	00-798-5752	Capacitor .. ..	5910	00-817-7272
5910	00-799-9624	Capacitor .. ..	5910	00-682-3287
5910	00-800-9852	Capacitor .. ..	5910	00-577-3130
5910	00-801-5602	Capacitor .. ..	5910	00-666-9103
5910	00-804-5138	Capacitor .. ..	5910	00-839-3940
5910	00-806-0914	Capacitor .. ..	5910	00-851-9258
5910	00-806-1953	Capacitor .. ..	5910	00-622-1853
5910	00-806-3401	Capacitor .. ..	5910	00-815-3677
5910	00-806-4344	Capacitor .. ..	5910	00-834-3258
5910	00-807-2586	Capacitor .. ..	5910	00-821-4481
5910	00-807-6860	Capacitor .. ..	5910	00-676-7806
5910	00-808-1976	Capacitor .. ..	5910	00-833-6397
5910	00-808-7078	Capacitor .. ..	5910	00-827-1664

<i>Old Stock No</i>		<i>Item Name</i>	<i>New Stock No</i>	
<i>Group Class</i>	<i>Catalogue Number</i>		<i>Group Class</i>	<i>Catalogue Number</i>
5910	00-810-0689	Capacitor .. ..	5910	00-112-7312
5910	00-810-2189	Capacitor .. ..	5910	00-817-5801
5910	00-810-3891	Capacitor .. ..	5910	00-186-9441
5910	00-811-4399	Capacitor .. ..	5910	00-581-0017
5910	00-811-9647	Capacitor .. ..	5910	00-192-8424
5910	00-812-3915	Capacitor .. ..	5910	00-668-5493
5910	00-812-4135	Filter, radio interference	5915	00-812-4135
5910	00-812-8616	Capacitor .. ..	5910	00-198-4879
5910	00-812-8747	Capacitor .. ..	5910	00-112-7408
5910	00-812-8749	Capacitor .. ..	5910	00-112-6890
5910	00-814-5122	Capacitor .. ..	5910	00-681-2230
5910	00-814-9370	Capacitor .. ..	5910	00-681-2424
5910	00-815-0408	Capacitor .. ..	5910	00-683-3012
5910	00-815-3767	Capacitor .. ..	5910	00-834-8494
5910	00-815-8389	Capacitor .. ..	5910	00-648-7990
5910	00-816-0559	Capacitor .. ..	5910	00-806-0668
5910	00-816-6088	Capacitor .. ..	5910	00-644-6217
5910	00-816-6333	Capacitor .. ..	5910	00-688-2825
5910	00-817-4749	Capacitor .. ..	5910	00-837-4585
5910	00-818-2282	Capacitor .. ..	5910	00-819-2578
5910	00-818-2482	Capacitor .. ..	5910	00-112-7099
5910	00-818-2483	Capacitor .. ..	5910	00-112-7045
5910	00-818-2490	Capacitor .. ..	5910	00-170-2779
5910	00-818-2492	Capacitor .. ..	5910	00-666-5607
5910	00-818-4271	Capacitor .. ..	5910	00-606-3944
5910	00-818-5020	Capacitor .. ..	5910	00-112-7158
5910	00-818-5467	Capacitor .. ..	5910	00-227-0776
5910	00-818-5468	Capacitor .. ..	5910	00-160-5348
5910	00-818-5469	Capacitor .. ..	5910	00-112-7430
5910	00-818-5474	Capacitor .. ..	5910	00-161-1635
5910	00-818-6508	Capacitor .. ..	5910	00-270-5185
5910	00-818-6509	Capacitor .. ..	5910	00-112-7437
5910	00-818-6511	Capacitor .. ..	5910	00-112-7443
5910	00-818-7000	Capacitor .. ..	5910	00-188-9075
5910	00-818-7397	Capacitor .. ..	5910	00-276-6876
5910	00-818-9590	Capacitor .. ..	5910	00-112-6814
5910	00-819-2103	Capacitor .. ..	5910	00-126-9170
5910	00-819-2104	Capacitor .. ..	5910	00-270-5121
5910	00-819-2106	Capacitor .. ..	5910	00-120-1692
5910	00-819-2111	Capacitor .. ..	5910	00-129-9234
5910	00-819-2115	Capacitor .. ..	5910	00-112-7298
5910	00-819-2148	Capacitor .. ..	5910	00-112-7090
5910	00-819-2480	Capacitor .. ..	5910	00-581-8450
5910	00-819-7643	Capacitor .. ..	5910	00-171-2952
5910	00-819-7648	Capacitor .. ..	5910	00-187-3999
5910	00-819-7650	Capacitor .. ..	5910	00-187-3386
5910	00-819-7653	Capacitor .. ..	5910	00-577-1315
5910	00-819-9868	Capacitor .. ..	5910	00-112-6903
5910	00-820-0338	Capacitor .. ..	5910	00-193-0359
5910	00-820-2623	Capacitor .. ..	5910	00-615-0340

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5910	00-820-2720	Capacitor .. ..	5910	00-836-4657
5910	00-820-3671	Capacitor .. ..	5910	00-112-8333
5910	00-820-7814	Capacitor .. ..	5910	00-280-7869
5910	00-821-0343	Capacitor .. ..	5910	00-556-2931
5910	00-821-3815	Capacitor .. ..	5910	00-129-6257
5910	00-821-3992	Capacitor .. ..	5910	00-112-7208
5910	00-821-4472	Capacitor .. ..	5910	00-815-0081
5910	00-821-4475	Capacitor .. ..	5910	00-543-9279
5910	00-821-6733	Capacitor .. ..	5910	00-112-7621
5910	00-821-6734	Capacitor .. ..	5910	00-578-1368
5910	00-821-9602	Capacitor .. ..	5910	00-803-4420
5910	00-822-8213	Capacitor .. ..	5910	00-823-1068
5910	00-822-8721	Capacitor .. ..	5910	00-129-9237
5910	00-823-0447	Capacitor .. ..	5910	00-829-3727
5910	00-823-1006	Capacitor .. ..	5910	00-552-9901
5910	00-823-1037	Capacitor .. ..	5910	00-681-2283
5910	00-823-1075	Capacitor .. ..	5910	00-819-5749
5910	00-823-1088	Capacitor .. ..	5910	00-823-1077
5910	00-823-1103	Capacitor .. ..	5910	00-826-2720
5910	00-823-1205	Capacitor .. ..	5910	00-827-4642
5910	00-823-1231	Capacitor .. ..	5910	00-667-5249
5910	00-823-1618	Capacitor .. ..	5910	00-655-0591
5910	00-823-1984	Capacitor .. ..	5910	00-752-4249
5910	00-824-0003	Capacitor .. ..	5910	00-120-1682
5910	00-824-8409	Capacitor .. ..	5910	00-126-9173
5910	00-824-8542	Capacitor .. ..	5910	00-161-6561
5910	00-825-1027	Capacitor .. ..	5910	00-187-1763
5910	00-825-2235	Capacitor .. ..	5910	00-820-0209
5910	00-825-3213	Capacitor .. ..	5910	00-581-0009
5910	00-825-3224	Capacitor .. ..	5910	00-227-0213
5910	00-825-7953	Capacitor .. ..	5910	00-280-6318
5910	00-825-7955	Capacitor .. ..	5910	00-198-8976
5910	00-825-7961	Capacitor .. ..	5910	00-188-1291
5910	00-825-8811	Capacitor .. ..	5910	00-663-4831
5910	00-825-9736	Capacitor .. ..	5910	00-228-3870
5910	00-825-9737	Capacitor .. ..	5910	00-112-6866
5910	00-825-9738	Capacitor .. ..	5910	00-112-7092
5910	00-825-9740	Capacitor .. ..	5910	00-617-3499
5910	00-825-9741	Capacitor .. ..	5910	00-112-7432
5910	00-825-9742	Capacitor .. ..	5910	00-120-1686
5910	00-825-9744	Capacitor .. ..	5910	00-160-1167
5910	00-825-9746	Capacitor .. ..	5910	00-164-6438
5910	00-825-9748	Capacitor .. ..	5910	00-112-7206
5910	00-825-9759	Capacitor .. ..	5910	00-189-5550
5910	00-826-0618	Capacitor .. ..	5910	00-188-1262
5910	00-826-2718	Capacitor .. ..	5910	00-825-1637
5910	00-826-4754	Capacitor .. ..	5910	00-660-7312
5910	00-826-5809	Capacitor .. ..	5910	00-296-6066
5910	00-826-6280	Capacitor .. ..	5910	00-183-9328
5910	00-826-7633	Capacitor .. ..	5910	00-825-7340

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5910	00-827-0760	Capacitor .. ..	5910	00-112-7436
5910	00-827-1668	Capacitor .. ..	5910	00-112-7260
5910	00-827-3169	Capacitor .. ..	5910	00-112-7258
5910	00-827-5078	Capacitor .. ..	5910	00-578-8340
5910	00-827-6205	Capacitor .. ..	5910	00-129-9231
5910	00-832-4434	Capacitor .. ..	5910	00-844-6782
5910	00-833-8299	Capacitor .. ..	5910	00-197-1397
5910	00-833-9293	Capacitor .. ..	5910	00-834-2787
5910	00-833-9893	Capacitor .. ..	5910	00-834-6028
5910	00-834-2017	Capacitor .. ..	5910	00-129-6260
5910	00-834-6024	Capacitor .. ..	5910	00-112-7472
5910	00-834-6830	Capacitor .. ..	5910	00-666-8306
5910	00-834-6841	Capacitor .. ..	5910	00-161-1644
5910	00-834-9725	Capacitor .. ..	5910	00-838-3849
5910	00-835-8829	Capacitor .. ..	5910	00-669-2020
5910	00-835-9607	Capacitor .. ..	5910	00-112-7120
5910	00-836-4526	Capacitor .. ..	5910	00-826-4542
5910	00-836-4539	Capacitor .. ..	5910	00-813-2958
5910	00-836-5095	Capacitor .. ..	5910	00-543-9791
5910	00-836-7079	Capacitor .. ..	5910	00-112-8334
5910	00-836-7971	Capacitor .. ..	5910	00-120-1675
5910	00-836-7972	Capacitor .. ..	5910	00-120-1680
5910	00-837-8237	Capacitor .. ..	5910	00-667-5609
5910	00-839-6968	Capacitor .. ..	5910	00-721-2145
5910	00-841-1307	Capacitor .. ..	5910	00-825-4546
5910	00-842-7312	Capacitor .. ..	5910	00-688-2822
5910	00-842-8487	Capacitor .. ..	5910	00-814-5869
5910	00-843-3023	Capacitor .. ..	5910	00-120-1678
5910	00-844-7651	Capacitor .. ..	5910	00-725-2873
5910	00-845-4506	Capacitor .. ..	5910	00-062-1225
5910	00-845-9489	Capacitor .. ..	5910	00-823-1086
5910	00-847-0000	Capacitor .. ..	5910	00-823-1512
5910	00-851-3327	Capacitor .. ..	5910	00-081-7950
5910	00-851-4015	Capacitor .. ..	5910	00-835-2175
5910	00-851-7795	Capacitor .. ..	5910	00-797-4909
5910	00-853-5648	Capacitor .. ..	5910	00-815-8932
5910	00-855-0063	Capacitor .. ..	5910	00-892-7480
5910	00-855-6343	Capacitor .. ..	5910	00-812-2752
5910	00-860-0828	Capacitor .. ..	5910	00-894-7141
5910	00-871-3368	Capacitor .. ..	5910	00-034-1843
5910	00-877-9357	Capacitor .. ..	5910	00-823-1201
5910	00-879-1228	Capacitor .. ..	5910	00-878-9863
5910	00-881-6352	Capacitor .. ..	5910	00-752-4718
5910	00-882-7641	Capacitor .. ..	5910	00-808-8744
5910	00-883-0318	Capacitor .. ..	5910	00-840-9530
5910	00-883-3262	Capacitor .. ..	5910	00-721-1783
5910	00-884-0254	Capacitor .. ..	5910	00-715-6373
5910	00-892-7726	Capacitor .. ..	5910	00-877-5503
5910	00-893-5132	Capacitor .. ..	5910	00-519-8290
5910	00-898-9016	Capacitor .. ..	5910	00-804-2391

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5910	00-950-6735	Capacitor .. ..	5910	00-993-7428	
5910	00-951-8613	Capacitor .. ..	5910	00-951-6697	
5910	00-962-6704	Capacitor .. ..	5910	00-686-6428	
5910	00-971-7131	Capacitor .. ..	5910	00-837-2577	
5910	00-985-2797	Capacitor .. ..	5910	00-679-2028	
5910	00-993-5109	Capacitor .. ..	5910	00-615-9599	
5910	00-993-5129	Capacitor .. ..	5910	00-577-3064	
5910	00-995-8592	Capacitor .. ..	5910	00-577-9149	
5910	00-989-1186	Capacitor .. ..	5910	00-777-0389	
5910	00-012-4744	Analyser-indicator .. ..	6605	00-012-4744	
5910	00-021-6924	Screw .. ..	5305	00-021-6924	
5910	00-066-7987	Capacitor .. ..	5910	00-781-7930	
5910	00-100-5769	Capacitor .. ..	5910	00-543-0823	
5910	00-101-4909	Capacitor .. ..	5910	00-670-5393	
5910	00-112-7598	Capacitor .. ..	5910	00-840-6672	
5910	00-112-8187	Capacitor .. ..	5910	00-899-2538	
5910	00-114-2410	Capacitor .. ..	5910	00-766-8790	
5910	00-195-6580	Capacitor .. ..	5910	00-543-0821	
5910	00-197-1559	Capacitor .. ..	5910	00-890-8859	
5910	00-280-7413	Capacitor .. ..	5910	00-890-9670	
5910	00-391-9860	Resistor, fixed .. ..	5905	00-391-9860	
5910	00-543-0001	Capacitor .. ..	5910	00-126-9189	
5910	00-581-9796	Reactor .. ..	5950	00-581-9796	
5910	00-668-5576	Capacitor .. ..	5910	00-666-0436	
5910	00-583-0185	Capacitor .. ..	5910	00-553-4774	
5910	00-615-1429	Capacitor .. ..	5910	00-826-7028	
5910	00-636-2104	Capacitor .. ..	5910	00-804-2378	
5910	00-642-6773	Capacitor .. ..	5910	00-160-2256	
5910	00-643-8571	Capacitor, fixed, paper .. ..	5910	00-027-4372	
5910	00-644-0611	Capacitor .. ..	5910	00-557-5938	
5910	00-644-3539	Capacitor .. ..	5910	00-807-5570	
5910	00-666-8804	Capacitor .. ..	5910	00-667-7115	
5910	00-666-9119	Capacitor .. ..	5910	00-821-4702	
5910	00-667-1190	Capacitor .. ..	5910	00-807-5570	
5910	00-668-0729	Capacitor .. ..	5910	00-644-3785	
5910	00-668-1787	Capacitor .. ..	5910	00-683-3008	
5910	00-686-6192	Capacitor .. ..	5910	00-683-3146	
5910	00-686-6424	Capacitor .. ..	5910	00-815-6881	
5910	00-686-8955	Capacitor .. ..	5910	00-685-9692	
5910	00-692-4671	Capacitor .. ..	5910	00-223-5141	
5910	00-722-5961	Spring, helical, comp .. ..	1015	00-722-5961	
5910	00-722-9961	Hinge .. ..	1015	00-722-9961	
5910	00-727-0986	Capacitor .. ..	5910	00-829-1533	
5910	00-763-4869	Capacitor .. ..	5910	00-853-8651	
5910	00-782-8913	Capacitor .. ..	5910	00-936-3930	
5910	00-807-9305	Capacitor .. ..	5910	00-762-2945	
5910	00-811-4688	Capacitor .. ..	5910	00-082-4786	
5910	00-811-1913	Capacitor .. ..	5910	00-852-8642	
5910	00-822-3615	Capacitor .. ..	5910	00-078-9986	
5910	00-823-1025	Capacitor .. ..	5910	00-725-4795	

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5910	00-825-8536	Capacitor .. ..	5910	00-679-9474	
5910	00-825-9757	Capacitor .. ..	5910	00-112-8315	
5910	00-833-3032	Capacitor .. ..	5910	00-815-4717	
5910	00-833-9189	Capacitor .. ..	5910	00-823-1648	
5910	00-834-0402	Capacitor .. ..	5910	00-813-3088	
5910	00-834-1722	Capacitor .. ..	5910	00-711-4032	
5910	00-834-4600	Capacitor .. ..	5910	00-772-9807	
5910	00-834-7077	Capacitor .. ..	5910	00-950-1477	
5910	00-834-9771	Capacitor .. ..	5910	00-728-1582	
5910	00-835-0655	Modification kit .. ..	1105	00-835-0655	
5910	00-835-6360	Capacitor .. ..	5910	00-834-4654	
5910	00-835-9386	Capacitor .. ..	5910	00-730-4729	
5910	00-836-3340	Capacitor .. ..	5910	00-834-4698	
5910	00-845-1730	Capacitor .. ..	5910	00-082-4786	
5910	00-845-4514	Capacitor .. ..	5910	00-670-5393	
5910	00-847-7080	Capacitor .. ..	5910	00-777-6876	
5910	00-855-1206	Capacitor .. ..	5910	00-725-1994	
5910	00-855-1728	Capacitor .. ..	5910	00-583-1773	
5910	00-855-2252	Capacitor .. ..	5910	00-950-1477	
5910	00-878-6726	Capacitor .. ..	5910	00-936-1521	
5910	00-879-4778	Capacitor .. ..	5910	00-901-7018	
5910	00-882-5345	Capacitor .. ..	5910	00-617-3246	
5910	00-882-6116	Capacitor .. ..	5910	00-822-5682	
5910	00-883-0450	Capacitor .. ..	5910	00-578-1368	
5910	00-883-4727	Capacitor .. ..	5910	00-844-5809	
5910	00-883-5703	Capacitor .. ..	5910	00-739-7954	
5910	00-892-7409	Capacitor .. ..	5910	00-057-5218	
5910	00-899-6554	Capacitor .. ..	5910	00-082-4786	
5910	00-900-4651	Capacitor .. ..	5910	00-852-8635	
5910	00-933-1814	Device .. ..	5841	00-933-1841	
5910	00-958-6691	Capacitor .. ..	5910	00-088-1241	
5910	00-987-2758	Washer, flat .. ..	5310	00-987-2758	
5910	00-989-1186	Capacitor .. ..	5910	00-777-0389	
5910	00-989-7945	Capacitor .. ..	5910	00-880-7230	
5910	00-448-5937	Capacitor .. ..	5910	00-827-1218	
5910	00-583-4501	Transformer, radio frequency .. ..	5950	00-583-4501	
5910	00-583-6233	Resistor, fixed, film .. ..	5905	00-583-6233	
5910	00-682-0256	Resistor, fixed, film .. ..	5905	00-682-0256	
5910	00-811-0139	Resistor, fixed, film .. ..	5905	00-811-0139	
5910	00-L51368	Capacitor, fixed, electrolytic .. ..	5910	00-583-3822	
5910	00-L51373	Capacitor, fixed, ceramic .. ..	5910	00-819-5174	
5910	00-L51382	Capacitor, fixed, electrolytic .. ..	5910	00-702-1164	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/65/274)

Account No.	Description	Balance	Debit	Credit
1001	...	...	...	...
1002	...	...	...	...
1003	...	...	...	...
1004	...	...	...	...
1005	...	...	...	...
1006	...	...	...	...
1007	...	...	...	...
1008	...	...	...	...
1009	...	...	...	...
1010	...	...	...	...
1011	...	...	...	...
1012	...	...	...	...
1013	...	...	...	...
1014	...	...	...	...
1015	...	...	...	...
1016	...	...	...	...
1017	...	...	...	...
1018	...	...	...	...
1019	...	...	...	...
1020	...	...	...	...
1021	...	...	...	...
1022	...	...	...	...
1023	...	...	...	...
1024	...	...	...	...
1025	...	...	...	...
1026	...	...	...	...
1027	...	...	...	...
1028	...	...	...	...
1029	...	...	...	...
1030	...	...	...	...
1031	...	...	...	...
1032	...	...	...	...
1033	...	...	...	...
1034	...	...	...	...
1035	...	...	...	...
1036	...	...	...	...
1037	...	...	...	...
1038	...	...	...	...
1039	...	...	...	...
1040	...	...	...	...
1041	...	...	...	...
1042	...	...	...	...
1043	...	...	...	...
1044	...	...	...	...
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1049	...	...	...	...
1050	...	...	...	...
1051	...	...	...	...
1052	...	...	...	...
1053	...	...	...	...
1054	...	...	...	...
1055	...	...	...	...
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1074	...	...	...	...
1075	...	...	...	...
1076	...	...	...	...
1077	...	...	...	...
1078	...	...	...	...
1079	...	...	...	...
1080	...	...	...	...
1081	...	...	...	...
1082	...	...	...	...
1083	...	...	...	...
1084	...	...	...	...
1085	...	...	...	...
1086	...	...	...	...
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1093	...	...	...	...
1094	...	...	...	...
1095	...	...	...	...
1096	...	...	...	...
1097	...	...	...	...
1098	...	...	...	...
1099	...	...	...	...
1100	...	...	...	...





RESTRICTED

ANO's 351-369/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
16 July 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY

RESTRICTED

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## Section 1

### ADMINISTRATIVE AND GENERAL

#### RESTRICTED

#### 351—HMAS SYDNEY—General Instructions

1. HMAS SYDNEY is a transport at seven days notice for trooping operations and may undertake cruises to within seven days steaming distance from Sydney.
2. The roles of the ship are as stated in Paragraph 2, Article 0104, of ACB 0332 (66).
3. The Captain is authorised to deal direct with representatives of the General Officer Commanding, Eastern Command, the Commander 1st Division and the Commander 1st Logistic Support Force in regard to the planning of exercises and operations. The Flag Officer Commanding HMA Fleet and the Flag Officer-in-Charge East Australia Area are to be kept informed of any such plans.
4. The Captain HMAS SYDNEY is responsible for the loading and unloading of the ship. The following detailed arrangements have been made in this regard:
  - a. *Loading:*
    - (1) AHQ (Director of Movements) will provide a stores list and indicate priorities for discharge through the local Movements staff.
    - (2) The ship will produce the stowage plan.
    - (3) The local Movements staff will co-ordinate the loading programme and be responsible for shipping documentation and the movement to the ship of cargo and personnel in the order and at times nominated by the ship.
    - (4) The loading will be carried out by the ships staff supplemented by Army personnel provided by the local Movements staff.
  - b. *Unloading:*
    - (1) The Port Command will prepare a discharge plan, indicating the proposed sequence of discharge and type of lighterage to be used at each hatch, and submit it to the Captain, HMAS SYDNEY, for his agreement.
    - (2) The ship will be unloaded in the sequence agreed with the Port Command; ships staff will operate all ships gear and cargo handling equipment; additional labour required on board will be provided by the ships Army staff.
    - (3) The Port Command will establish a Liaison staff which will have under command the documentation sections on board HMAS SYDNEY. This Liaison staff will acquit the ship for all cargo discharged.
5. Tie down equipment will be provided by the Army and maintained by the Navy with assistance from the ships Army staff.
6. a. The ships allowance of mobile handling equipment is:
  - (1) two Massey Ferguson 205 Mark II Tractors, with hydraulic fork lift attachment of 4,000 lb capacity;
  - (2) three Crown type W227, 2,500 lb capacity Pallet Trucks; and
  - (3) one Crown model W2T90, 2,000 lb capacity Pedestrian Fork Truck;
- b. Maintenance of this equipment is a Navy responsibility;



c. Additional equipment required will be provided and maintained by the Army. The Navy will assist with minor maintenance when this equipment is embarked. When not in use the additional equipment will be removed from the ship.

7. Dunnage will be procured by the Navy but paid for by the Army.

8. Navy Order 307 of 1967 is hereby cancelled.

(DGOP 1213/201/27)

(Navy Order 307 of 1967)

## UNCLASSIFIED

### 352—Safety—Precautions During Fire Fighting Demonstrations

1. A sailor was recently severely burned when petrol he was pouring preparatory to lighting for purposes of a fire fighting demonstration ignited.

2. A fire had previously been extinguished in an adjacent bay, and despite apparently adequate boundary cooling with copious quantities of water it is probable that fumes from the pouring petrol were ignited by smouldering trash, leaves, etc, which had been allowed to accumulate in the bay.

3. It is evident that familiarity had allowed a certain degree of carelessness to creep into the operation.

4. The following measures are to be taken in all establishments where practical fire fighting demonstrations are carried out:

- a. sites used for demonstrations of fires involving volatile liquids are to be adequately separated from each other, and from any other fire demonstration site; they are to be kept clear of any combustible material not required for the demonstration fire;
- b. the ready use container for petrol used to prime practice fires is to be of an easy-pouring design, fitted with an airtight cap, and marked 'petrol'; it is to be removed from the site to a safe place before the fire in question is lit;
- c. volatile liquid fires are to be lit by the application of a lighted taper mounted on an extended metal rod in order that the operator can keep clear of the combustible area;
- d. sailors pouring volatile fluids preparatory to practice fire demonstrations are to wear gloves of non-absorbent material;
- e. instructors and working hands, and any personnel engaged in fire fighting are to wear full anti-flash gear, and adequate cotton or woollen underwear, including singlets. The wearing of underwear of synthetic fibre is forbidden (*see* Navy Order 141 of 1968); and
- f. smoking is to be prohibited on the practice fire ground. Adequate notices to this effect are to be displayed.

5. In addition, the responsibility for safety during practice fire demonstrations is to be clearly allocated to a senior sailor who is not instructing the class at the time, and a responsible officer is to carry out periodical inspections during fire fighting demonstrations to guard against carelessness and malpractice arising from over familiarity.

(CONS 177/1/110)

(Navy Order 141 of 1968)

## Section 2

### PERSONNEL

## UNCLASSIFIED

### 353—Loan of RNZN Ratings to the RAN

Navy Order 393 of 1966 is to be amended as follows:

#### Paragraph 1; Sub-paragraph (xiv) Advancement:

*amend* Sub-paragraph (d) to read:

'Qualification obtained whilst on loan will, where applicable, be recognised for advancement purposes in the RNZN. The Director of Manning and Training, Navy Office, Canberra, and the New Zealand Naval Board are to be advised by letter of RAN qualifications obtained by RNZN ratings on loan to the RAN.'

(HPB 2/203/7)

(Navy Order 393 of 1966)

## UNCLASSIFIED

### 354—Made-to-measure Uniforms—Availability of Commonwealth Government Clothing Factory Representative in Brisbane for Try-on of Complete Uniforms

1. The Commonwealth Government Clothing Factory representative in Brisbane is now located at Room 4, First Floor, ANZ Bank Building, Cnr George and Herschel Streets, Brisbane 4000.

2. All freight charges for try-ons, alterations and final deliveries, will be borne by the Commonwealth Government Clothing Factory. Payment after final acceptance of orders will be made to the Receiver of Public Moneys, Ampol House, 44 Herschel Streets, Brisbane 4000.

3. Navy Order 427 of 1967 is relevant.

4. This order will be reprinted for posting on notice boards.

(D of V 930/52/34)

(Navy Order 427 of 1967)

## UNCLASSIFIED

### 355—Posting Categories of Members According to Physical State

Navy Order 200 of 1968 is to be amended as follows:

#### Paragraph 3; Line 2:

*delete* 'Form PM 132' and *insert* 'AF Med 23'.

(MDG 333/51/3)

(Navy Order 200 of 1968)

## UNCLASSIFIED

### 356—Sailors Uniform Class II—Introduction of New Pattern Serge Uniform with Button-on Collar

1. The design of the sailors blue serge uniform has been modified as follows:

a. *Collar, Seamans, Blue:*

(1) Re-designed to button-on to the serge jumper.

b. *Jumper, Mens, Cloth, Wool, Serge No 1, Class II:*

(1) Slide Fastener inserted in left seam to extend from armpit to hem;

(2) Inside pocket omitted;

(3) Buttons positioned for attachment of button-on collar;

(4) Looser fitting sleeves provided;

(5) Buttons on cuffs and collar attachment reduced in size from 27 Ligne to 22 Ligne.

c. *Trousers, Mens, Cloth, Wool, Serge No 1, Class II:*

(1) Side pockets repositioned and slanted and reduced in depth by 1 in;

(2) A fob pocket included;

(3) Fly button closure replaced by a slide fastener.

2. Gratuitous issues of old pattern jumpers, trousers and collars will continue until stocks are exhausted. When it becomes necessary to issue both old and new pattern garments to recruits the number of collars old and new type to be issued is to be determined by the Supply Officer. However, such issues of mixed patterns are to be avoided as far as possible.

3. The jumpers will be identified by the existing Catalogue Nos, followed by the suffix 1, eg, 34602/1. Button-on collars and trousers will be identified by the Catalogue Nos indicated in the Annex which also details sizes and measurements. Demands for requirements are to be placed with the Superintending Victualling Store Office, Sydney, accordingly.

4. Arrangements are being made for similar modification of drill jumpers and trousers except that trousers will retain the fly button closure. Details will be advised by Navy Order in due course.

5. This order will be reprinted for posting on notice boards.

#### ANNEX

1. **Collar, Seamans, Blue, Button-on Type:**

Catalogue No	Size	
34321	1	to fit jumpers Size 30, 32, 34 and 36 chest
34322	2	to fit jumpers Size 38 and 40 chest
34323	3	to fit jumpers Size 42 and 44 chest

2. **Jumpers, Mens, Cloth, Wool, Serge No 1, Class II:**

Catalogue No	Size	Chest and Height of Wearer
34596/1	01	30—5-ft 2-in
34597/1	02	32—5-ft 2-in
34598/1	1	34—5-ft 4-in
34599/1	2	36—5-ft 4-in
34600/1	3	38—5-ft 4-in

Catalogue No	Size	Chest and Height of Wearer
34601/1	4	40—5-ft 4-in
34602/1	5	42—5-ft 4-in
34603/1	6	34—5-ft 6-in
34604/1	7	36—5-ft 6-in
34605/1	8	38—5-ft 6-in
34606/1	9	40—5-ft 6-in
34607/1	10	42—5-ft 6-in
34608/1	11	34—5-ft 8-in
34609/1	12	36—5-ft 8-in
34610/1	13	38—5-ft 8-in
34611/1	14	40—5-ft 8-in
34612/1	15	42—5-ft 8-in
34613/1	16	36—5-ft 10-in
34614/1	17	38—5-ft 10-in
34615/1	18	40—5-ft 10-in
34616/1	19	42—5-ft 10-in
34617/1	20	44—5-ft 10-in
34618/1	21	36—6-ft 0-in
34619/1	22	38—6-ft 0-in
34620/1	23	40—6-ft 0-in
34621/1	24	42—6-ft 0-in
34622/1	25	44—6-ft 0-in

3. **Trousers, Mens, Cloth, Wool, Serge No 1, Class II:**

Catalogue No	Size	Waist and Inside Leg	Height
35770	28 Yths (02)	28-28	5-ft 1-in to 5-ft 2-in
35771	29 Yths (01)	29-28	5-ft 1-in to 5-ft 2-in
35772	30 (S) (1)	30-28½	5-ft 3-in to 5-ft 4-in
35773	32 (S) (3)	32-28½	5-ft 3-in to 5-ft 4-in
35774	34 (S) (5)	34-29	5-ft 3-in to 5-ft 4-in
35775	30R (6)	30-30	5-ft 6-in to 5-ft 9-in
35776	32R (8)	32-30	5-ft 6-in to 5-ft 9-in
35777	34R (10)	34-30	5-ft 6-in to 5-ft 9-in
35778	30L (12)	30-32	5-ft 10-in to 6-ft 0-in
35779	32L (14)	32-32	5-ft 10-in to 6-ft 0-in
35780	34L (16)	34-32	5-ft 10-in to 6-ft 0-in
35781	36L (17)	36-32	5-ft 10-in to 6-ft 0-in
35782	38L (18)	38-32	5-ft 10-in to 6-ft 0-in
35783	40L (19)	40-32	5-ft 10-in to 6-ft 0-in
35784	32XL (20)	32-34	6-ft 1-in to 6-ft 2-in
35785	34XL (22)	34-34	6-ft 1-in to 6-ft 2-in
35786	36XL (23)	36-34	6-ft 1-in to 6-ft 2-in
35787	38XL (24)	38-34	6-ft 1-in to 6-ft 2-in
35788	40XL (25)	40-34	6-ft 1-in to 6-ft 2-in

**Section 3**  
**OPERATIONAL AND TRAINING**

## UNCLASSIFIED

**357—Recovery of Personnel from the Sea**

1. It has been decided that the primary means of recovering men overboard, in ships up to and including DDGs, will be by the Swimmer of the Watch method. The method is described in the Annex to this order.

2. This method has been introduced in the interests of safety, speed and efficiency; it requires the minimum of personnel and equipment. Care must be taken that its introduction does not reduce the standard of boatwork at sea. To this end, present and future design boats, except those in DDGs, will retain their current simultaneous slipping facility. The state of readiness at which boats should be kept at sea will depend on the prevailing circumstances, or as directed by an OTC/OCE.

3. Although ships larger than DDGs will continue to employ sea-boats as the primary means of rescue, trials are being progressed with a view to the possible adaptation of an inflatable dinghy method of recovery.

**ANNEX****Swimmer Recovery Method****Equipment**

1. The following equipment will be supplied without demand to the ships listed in Paragraph 7:

- a. 50 fathoms 1½ in terylene braided (recovery line).
- b. 50 fathoms ½ in terylene braided (swimmers line).
- c. 2 in No lightweight reels for the recovery and swimmers lines.
- d. 1 in No lightweight, 7 lb positively buoyant helicopter type strop.

2. Additional items of equipment will be required from existing on board stocks, ie:

- a. 1 in No Pattern 11/L1 quick-release belt (negative weights).
- b. 1 in No Pattern 110/L1 knife.
- c. 1 in No Pattern 112/L1 sheath, knife.
- d. 2 in No L90108 to L90128 wet suits.
- e. 2 in No pair Pattern 3386/L1-L3 fins, swim.
- f. 2 in No Type 50N life-jackets.
- g. Snatch Blocks as requisite.

**Method of Recovery**

3. The following method is to be employed:

- a. One swimmer of the watch is detailed. He is to be dressed in a wet suit except that in hot climates action working dress and a Type 50N life-jacket may be used in lieu.
- b. After 'man overboard' has been reported the ship immediately manoeuvres to within 50 yd of the man in the water and the swimmer, attached by a ½ in terylene braided line to a quick-release belt, swims to the patient with a 7 lb positively buoyant, light-weight helicopter strop attached to a 1½ in terylene braided line.
- c. The strop is placed on the patient and both men are hauled back to the ships side, where they are hoisted inboard one at a time in the strop or they climb a scrambling net or jumping ladder.

4. If the patient is distressed two swimmers are to enter the water, one attached to the swimmers line and the other towing the recovery line. The patient is given the strop and all three return to the ship.

5. If two men fall overboard at the same time two swimmers enter the water as in Paragraph 4. One patient (normally the one more distressed) is given the strop and is accompanied back to the ship. The other swimmer on the ½ in line stays with the other patient until the return of the swimmer with the recovery strop when all three are hauled back to the ships side where they are hauled inboard one at a time in the strop or they climb a scrambling net or jumping ladder.

6. A convenient way of hoisting the patient inboard is to rig a snatch block at a davit head to take the recovery line.

7. On some occasions it will be desirable for the swimmer of the watch to enter the water immediately 'man overboard' is reported. It will be up to the judgment of the Captain or Officer of the Watch to make this decision, taking into account such things as weather, visibility, and apparent state of the patient.

8. A lifebuoy and marker are to be released by the ship at the time of the report of man overboard.

9. All ships are to institute an organisation whereby a second swimmer can dress while the ship is manoeuvring and be ready to:

- a. act as in Paragraph 3 if the swimmer of the watch enters the water immediately 'man overboard' is reported; or
- b. act as in Paragraphs 4 and 5 if a second swimmer is required.

10. Orders for 'modified Action Stations', to be implemented at 'man overboard', are to be incorporated in Ships Standing Orders, so that the identity of the missing person can quickly be established and so that hands are best placed for the recovery and care of the rescued man.

**Personnel**

11. The following personnel will be required:

- a. Petty Officer of the Watch on deck (in charge);
- b. Swimmer—preferably diver or CD;
- c. One swimmers attendant;
- d. One patients attendant; and
- e. Recovery line handling party (minimum of six) (alternatively, a winch could be used to reduce numbers).

**Ships Affected**

- |                        |                        |
|------------------------|------------------------|
| 12. HMAS PERTH         | HMAS STUART            |
| HMAS HOBART            | HMAS DERWENT           |
| HMAS BRISBANE          | HMAS PARRAMATTA        |
| HMAS VENDETTA          | HMAS YARRA             |
| HMAS VAMPIRE           | HMAS TORRENS           |
| HMAS DUCHESS           | HMAS SWAN              |
| HMAS DIAMANTINA        | HMAS ANZAC             |
| HMAS QUEENBOROUGH      | HMAS MORESBY           |
| HMAS KIMBLA            | HMAS PALUMA            |
| HMAS CURLEW            | HMAS SNIPE             |
| HMAS HAWK } When in    | HMAS GULL } When in    |
| HMAS IBIS } commission | HMAS TEAL } commission |

13. Navy Order 375 of 1967 is hereby cancelled.

(Navy Order 375 of 1967)

(DTWP 177/1/65)

## Section 4

## EQUIPMENT, STORES AND SERVICING

## RESTRICTED

## 358—Alteration and Addition Item—DDGs

The following Alteration and Addition Item is approved for HMA Ships PERTH, HOBART and BRISBANE:

*Class List Item No 8 (Ex TDL 'NSAC').*

- a. *Item:*
- (1) Cabin 2-47-2-L to be re-arranged to accommodate four midshipmen.
  - (2) Cabin 01-51-2-L to be re-arranged to accommodate the two officers displaced by (1).
  - (3) Compartment 01-65-2-A (Rifle Locker) to be converted to a shower room for officers.
- b. Weight compensation is required in accordance with Reference (4).
- c. *References:*
- (1) Navy Office Memorandum 1215/201/79 dated 1 November 1966.
  - (2) GMGID Memorandum DN 18-5-121 dated 28 March 1967.
  - (3) HMAS PERTH Memorandum 100/2/2 dated 31 May 1967, forwarded under cover of FOCAF Memorandum AF 310/2/8 dated 9 June 1967.
  - (4) Navy Office Memorandum 1215/201/79 dated 28 July 1967.

(CNTS 1215/201/79)

## UNCLASSIFIED

## 359—Alteration and Addition Item—HMAS MORESBY

The following Alteration and Addition Item is approved to be carried out in HMAS MORESBY:

*Class List Item No 28 (Ex TDL 'ABJ').*

- a. *Item:*
- (1) To increase senior sailors accommodation by five berths by converting single cabins Nos 2, 4, 8 and 12 to double cabins and cabins Nos 13 and 14 to four berth cabins.
  - (2) To incorporate Alteration and Addition Class Item No 17 (Ex TDL 'AJ') in this item.
- b. Weight compensation of 0.27 tons at 13 ft above base line or higher is required to be landed before the work is undertaken and details forwarded to Navy Office.
- c. *References:*
- (1) HMAS MORESBYs Form AS 1182, TDL 'ABJ' dated 11 August 1966, forwarded under cover of FOCAF Memorandum AF 1212/37/22 dated 30 August 1966.
  - (2) Navy Office Memorandum 1228/52/195 dated 10 February 1967.
  - (3) GMGID Memorandum N20-14-344 dated 27 October 1967.
  - (4) Navy Office Memorandum 1228/52/195 dated 4 December 1967 (Notal).

(CNTS 1228/52/195)

## UNCLASSIFIED

## 360—Alteration and Addition Item—HMAS SUPPLY

The following Alteration and Addition Item is approved to be carried out in HMAS SUPPLY:

*Class List Item No 60 (Ex TDL 'BO').*

- a. *Item:* To replace two washing machines (Lightburn Twin Tub .66 hp Type) with one heavy duty washing machine and separate spin dryer of the following types:
- Washing Machine:* either Horscroft, WO18, 32 in × 18 in open end (as in HMAS DERWENT) or Horscroft, OL32, 100 lb capacity (as in HMAS SYDNEY);
- Spin Dryer:* Amott, 20 in (25 lb dry weight). AC equipment is preferred but DC is acceptable.
- b. *Reference:* HMAS SUPPLYs Form AS 1182 TDL 'BO' dated 11 April 1967, forwarded under cover of FOCAF Memorandum AF 1212/53/14 dated 1 May 1967.

(CNTS 1246/51/197)

## UNCLASSIFIED

## 361—Ammunition—Propellant—Landing—Destruction—Reports

(DCI (RN) 932/1967)

1. Propellant of the following lots and sub-lots is due for withdrawal having reached age limits:

<i>Propellant Lots and Sub-lots Affected</i>	<i>Type</i>	<i>Nature of Ammunition, Etc, Which May be Involved</i>
RNC 4199 ..	.. SC/Z008 ..	.. Cartridges— QF 4-in (FA), QF 4.5-in (SL)
RNC 4205 ..	.. } SC 048 ..	.. Cartridges: QF 4-in (FA)
RNC 4219 ..	.. }	
RNC 4232 ..	.. } SC 103 ..	.. Cartridges: QF 4.5-in (SL), QF 4-in
RNC 4249 ..	.. }	
RNC 4268 ..	.. }	
RNC 4203 ..	.. } SC 140 ..	.. Cartridges: Impulse Torpedo
RNC 4217 ..	.. }	
RNC 4231 ..	.. }	
RNC 4248 ..	.. }	
RNC 4266 ..	.. }	
RNC 4216 ..	.. SC 150 ..	.. Cartridges: QF 4.5-in (SL), Impulse Torpedo
RNC 4213 ..	.. } NF 029 ..	.. Cartridges: QF 4-in (FA), QF 4.5-in (SL)
RNC 4225 ..	.. }	
RNC 4240 ..	.. }	

<i>Propellant Lots and Sub-lots Affected</i>	<i>Type</i>	<i>Nature of Ammunition, Etc, Which May be Involved</i>
RNC 4226 .. RNC 4237 .. RNC 4255 ..	NF 042	Cartridges: QF 4-in, QF 4.5-in (SL)
RNC 4212 .. RNC 4275 ..	NF 059	Cartridges: QF 4-in (FA), QF 4.5-in (SL)
RNC 4211 .. RNC 4224 .. RNC 4239 .. RNC 4298 ..	NF/S168-048	Cartridges: QF 4.5-in (SL)
RNC 4253 ..	NF/S198-054	Cartridges: QF 4.5-in (SL)
RNP 334 .. RNP 352 ..	SC 103	Cartridges: QF 4.5-in (SL), QF 4-in
RNP 318 .. RNP 332 .. RNP 350 ..	SC 140	Cartridges: Impulse Torpedo
RNP 317 .. RNP 331 ..	SC 150	Cartridges: QF 4.5-in (SL), Impulse Torpedo
RNP 501R	NF 042	Cartridges: QF 4-in QF 4.5-in (SL)
RNP 328 ..	NF 052	Cartridges: QF 4-in (FA)
RNP 323 .. RNP 325 .. RNP 326 .. RNP 337 .. RNP 338 .. RNP 342 .. RNP 343 .. RNP 355 ..	NF/S164-048	Cartridges: QF 4-in
RNP 499R	NF/S168-048	Cartridges: QF 4.5-in (SL)
RNP 1665R	MNF/S164-048	Cartridges: QF 4-in (FA)
CAD 6001 .. CAD 6002 .. CAD 6003 .. CAD 6004 ..	FNHP 022	Cartridges: QF 40-MM
X 2591 ..	N/S164-048	Cartridges: QF 4-in (FA)
BS 19554 .. BS 19555 .. BS 20541 ..	SUK 1.7-0.6	Motors Rocket 2-in flare

2. Action to be taken by HMA ships, establishment and proof ranges Return to RAN armament depot as early as practicable. If unable to comply within three months from date of this order, report specially to DAS for instructions. NM and ER BR 862 Article 1126 refers.
3. Action to be taken at RAN armament depots Declare for disposal. Propellant Acceptance Lists are to be amended.

(DAS 729/51/85)

UNCLASSIFIED

362—Ammunition—Propellant—Landing—Destruction—Reports

(DCI (RN) 1181/1967)

1. Propellant of the following lots and sub-lots is due for withdrawal having reached age limits:

<i>Propellant Lots and Sub-lots Affected</i>	<i>Type</i>	<i>Nature of Ammunition, Etc, Which May be Involved</i>
RNC 4351 .. RNC 4361 .. RNC 4367 ..	SC 048	Cartridges: QF 4-in (FA), QF 4.5-in (SL)
RNC 4383 .. RNC 4398 ..	SC 061	Cartridges: QF 4-in (FA), QF 4.5-in (SL)
RNC 4366 .. RNC 4397 ..	SC 103	Cartridges: QF 4.5-in (SL), QF 4-in
RNC 4348 .. RNC 4381 ..	SC 140	Cartridges: Impulse Torpedo
RNC 4365 ..	SC 150	Cartridges: QF 4.5-in (SL), Impulse Torpedo
RNC 4311 .. RNC 4376 .. RNC 4403 ..	NF 029	Cartridges: QF 4-in (FA), QF 4.5-in (SL)
RNC 4372 ..	NF/S 116-036	Cartridges: QF 4-in (FA)
RNC 4371 ..	NF/S 164-048	Cartridges: QF 4-in
RNC 4357 .. RNC 4378 ..	NF/S 168-048	Cartridges: QF 4.5-in (SL)
RNP 427 ..	SC 061	Cartridges: QF 4-in (FA), QF 4.5-in (SL)
RNP 425 .. RNP 426 .. RNP 437 ..	SC 103	Cartridges: QF 4.5-in (SL), QF 4-in
RNP 406 .. RNP 436 ..	SC 122	Cartridges: QF 4.5-in (SL)

Propellant Lots and Sub-lots Affected	Type	Nature of Ammunition, Etc., Which May be Involved
RNP 405 .. .. } RNP 424 .. .. }	SC 140	Cartridges: Impulse Torpedo
RNP 420 .. .. } RNP 434 .. .. }	NF 029	Cartridges: QF 4-in (FA), QF 4.5-in (SL)
RNP 402 .. .. } RNP 421 .. .. } RNP 440 .. .. }	NF 042	Cartridges: QF 4-in, QF 4.5-in (SL)
RNP 401 .. ..	NF 052	Cartridges: QF 4-in (FA)
RNP 418 .. .. } RNP 654R .. .. }	NF/S 116-036	Cartridges: QF 4-in (FA)
RNP 411 .. .. } RNP 412 .. .. } RNP 413 .. .. } RNP 419 .. .. } RNP 433 .. .. }	NF/S 164-048	Cartridges: QF 4-in
RNP 417 .. .. } RNP 438 .. .. } RNP 655R .. .. }	NS/S 168-048	Cartridges: QF 4.5-in (SL)
MEC 143 .. ..	SC 103	Cartridges: QF 4.5-in (SL), QF 4-in.
MEC 148 .. ..	SC 048	Cartridges: QF 4-in (FA), QF 4.5-in (SL)
X 3226 .. .. } X 3820 .. .. }	N/S 164-048	Cartridges: QF 4-in (FA)
BS 20625 .. .. } BS 20630 XA .. .. }	SUK 1.7-0.6	Cartridges: Motor Rocket 2-in Flare

2. Action to be taken by HMA ships, establishments and proof ranges

Return to RAN armament depot as early as practicable. If unable to comply within three months from date of this order, report specially to DAS for instructions. NM and ER BR 862, Article 1126 refers.

3. Action to be taken at RAN armament depots

Declare for disposal. Propellant Acceptance Lists are to be amended.

(DAS 729/51/76)

UNCLASSIFIED

### 363—Aviation Fuels—Quality Control

1. Navy Order 185 of 1967 is to be amended as follows:

a. Paragraph 4 (c):

*delete in its entirety.*

b. Paragraph 7 (a) (1):

*delete existing sub-sub-paragraph and insert the following in lieu:*

(i) *Removal of Settled Water*—Except in those installations where a water bottom is authorised, daily water checks are to be carried out and any water found is to be removed without delay. Checking for and removal of water is to be carried out after overnight settling and before addition or withdrawal of fuel, and in the case of above ground tank, before appreciable solar heating of the tank sides has occurred.

*Note 1*—This check may be effected weekly when no movement of fuel is occurring in the installation. In such circumstances the daily check is to be resumed immediately prior to the recommencement of flying operations.

*Note 2*—A water check and removal of free water is to be effected not more than one hour prior to and not less than one hour after receipt of fuel into bulk storage, except where contaminated fuel as defined in Paragraph 5 (b) has been accepted in an emergency, in which case the settling period shall be extended to the time for next routine water check.

2. The contents of Navy Order 185 of 1967 and subject amendment will be included in Chapter 05 of rewrite RANAMMs.

(ACAE 523/251/53)

(Navy Order 185 of 1967)

## RESTRICTED

**364—Introduction of 0.5 in Browning Machine Gun**

1. *Brief Description:* The Browning Machine Gun, Type M.2 Heavy Barrel (Flexible), which was introduced into service in 1967, is a belt fed, recoil operated, air cooled machine gun capable of semi-automatic as well as automatic fire.

2. The gun was initially approved for fitting in Patrol Boats and subsequently issued to Destroyers and Destroyer Escorts deployed to the Strategic Reserve and Vietnam. In March 1968, however, it was decided to withdraw the Browning Machine Gun from service in Patrol Boats pending:

- a. supply of necessary documentation to HMAS CERBERUS for training;
- b. the supply of weapon equipment stores affecting gun firings; and
- c. modification of guns to a common standard.

For operational reasons, the gun was not withdrawn from DDGs and Strategic Reserve ships.

3. The following details regarding the introduction of the Browning Machine Gun are promulgated for the information of all concerned:

- a. *Documentation:* Documents to be issued are:
  - (1) Operating Instructions: basic drill and handling and elementary maintenance—for users and Patrol Boat Weapon Mechanics.
  - (2) Technical Instructions: detailed maintenance for ships and establishments with skilled maintenance staff.
- b. *Weapons and Spares:* Two fully modified guns have been issued to HMAS CERBERUS for training. Supply of Browning Machine Guns to ships and other establishments in accordance with Warrants of Naval Armament Stores will be effected as equipments become available.
- c. *Training:* In the case of Patrol Boats, training will be arranged concurrent with or prior to the issue of the Browning Machine Gun, special arrangements being made by Navy Office to train personnel serving in Patrol Boats already in commission. Requirements for future 0.5 in Browning Machine Gun training are set out in the Annex to this order.
- d. *Firings:* Firings are not to be carried out by sailors in Patrol Boats unless they have been trained as in c. above.

4. The Director of Project Co-ordination has been appointed Navy Officer co-ordinating authority for the introduction of the Browning Machine Gun.

5. ABR 27 Vol III will be amended.

## ANNEX

**0.5 in Browning Machine Gun Training**

Category	Course No	Duration	Remarks
<b>Patrol Boats</b>			
ABWM .. ..	911500	3 weeks ..	} PCT—includes all Patrol Boat Armament
QMG (PO, LS, AB)..	911650	1 week ..	
<b>Destroyers and Destroyer Escorts</b>			
SAP .. ..	954180	2 days ..	PCT
QMG .. ..	..	..	PWT—see Note 3
<b>HMAS MELVILLE</b>			
LSWM .. ..	954180	2 days ..	PCT—see Note 4
<b>HMAS TARANGAU</b>			
SAP .. ..	954180	2 days ..	PCT
POQMG .. ..	911500	3 weeks ..	PCT—to act as instructor for PNG equivalent of 911500 and 911650
<b>HMAS WATERHEN</b>			
SAP .. ..	954180	2 days ..	PCT

*Note 1*—All courses will be conducted by HMAS CERBERUS.

*Note 2*—Training with the Army will cease on commencement of training at HMAS CERBERUS.

*Note 3*—Pre-work up training of 0.5 in Browning Machine Gun crews of Destroyers and Destroyer Escorts is to be arranged by ships Captains, as required by FOCAF.

*Note 4*—LSWM posted to HMAS MELVILLE will be required in addition to qualify Course 911500.

(DMT 709/251/35)

## UNCLASSIFIED

**365—Office Machines—Copiers and Duplicators (Ink and Spirit)—Half Yearly Returns**

1. Because of rapid advances in copying and duplicating techniques and to ensure that the most effective and economic equipment is provided, records are now required to be kept of all work processed on copying and spirit and ink duplicating machines. These records are to show in each case the number of copies produced from each original or master and the number of originals/masters processed each month.

2. Returns are required as at 30 June and 31 December each year and should be marked 'Attention D/O & M'.

3. Sample record-logbook rulings and returns are shown hereunder:

(1) Record/Log Book

Machine: Type 3M 107		Month: January 1968
Number of Original Pages/Masters	Number of Copies Made from Each Original/Master	Total No of Copies
4	2	8
1	1	1
3	5	15

(2) Navy Office Return

Ship/Establishment/Branch: HMAS PERTH  
 Copying Duplicating Return P/E: June 30, 1968  
 Type of Machine: 3M 107  
 Month: January 1968

Number of Copies Made	Number of Originals/Masters	Total Number of Copies Produced
1	500	500
2	750	1500
3	40	120
4	100	400
5	..	..
6	..	..

(D/O & M 462/51/43)

UNCLASSIFIED

**366—Stores (General) (Group Class 0623)—Re-identification—American Airborne Equipment—NATO Group Classes**

1. Further to Navy Order 252 of 1967 which transferred items identified in Group Class 0623 to NATO Group Classes, those items now held on charge under Local Stock Numbers have been submitted to the USA by manufacturers reference number (part number) for advice of Federal Stock Numbers (FNSs). FSNs have been advised, where applicable.

2. Details of FSNs under which the items are to be held on charge in future, are shown at Annex A to this order.

3. The following amendments are to be made to Appendix B to Navy Order 252 of 1967:

Page No	Amendment
4	New Stock No 5821-00-L5039 should read 5821-00-L53039.
29	New Stock No 5941-00-L53829 should read 5841-00-L53829.
29	New Stock No 5941-00-L53830 should read 5841-00-L53830.
30	New Stock No 5941-00-L53831 should read 5841-00-L53831.

4. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual), Article 1812.

5. ABR 5074 RAN Catalogue of Stores will be amended in due course.

ANNEX

Old Stock No			New Stock No
Group Class	Catalogue Number	Item Name	Group Class Catalogue Number
5895	00-L31245	Case .. ..	5895 00-724-1215
5920	00-L33159	Fuseholder .. ..	5920 00-665-7171
6625	00-L42543	Test harness .. ..	6625 00-674-4860
6625	00-L42544	Maintenance kit .. ..	5821 00-897-5837
6625	00-L42545	Test set .. ..	6625 00-893-6606
5821	00-L49608	Mounting .. ..	5821 00-751-9450
5821	00-L49610	Antenna .. ..	5821 00-333-8518
5821	00-L49611	Mounting .. ..	5821 00-352-9032
5821	00-L53002	Servo-amplifier .. ..	5821 00-348-3690
3110	00-L53021	Bearing .. ..	3110 00-050-4289
5821	00-L53027	Block .. ..	5821 00-084-0140
5821	00-L53029	Board .. ..	5821 00-828-1632
5821	00-L53033	Board .. ..	5821 00-804-9339
5821	00-L53036	Board, transistor .. ..	5821 00-058-0611
5821	00-L53037	Board, ADC .. ..	5821 00-828-5779
5821	00-L53038	Board, bias .. ..	5821 00-828-1635
5821	00-L53041	Board, bias .. ..	5821 00-828-1634
5821	00-L53042	Board, circuit .. ..	5820 00-868-9618
5821	00-L53046	Board, circuit .. ..	5820 00-868-9619
5821	00-L53047	Board, circuit .. ..	5820 00-869-2356
5821	00-L53054	Board, circuit .. ..	5821 00-923-8246
5821	00-L63071	Terminal board .. ..	5940 00-889-4845
5821	00-L53073	Resistor board .. ..	5821 00-827-8219
5821	00-L53074	Terminal board .. ..	5940 00-204-8740
5821	00-L53080	Terminal board .. ..	5821 00-828-1636
5821	00-L53081	Terminal board .. ..	5821 00-828-0227
5821	00-L53083	Terminal board .. ..	5821 00-084-2340
5821	00-L53085	Terminal Board .. ..	5821 00-828-0226
5821	00-L53086	Bracket, capacitor .. ..	5910 00-082-5027
5821	00-L53091	Bumper .. ..	5340 00-075-7355
5950	00-L53117	Choke .. ..	5950 00-084-3414
5950	00-L53122	Choke .. ..	5950 00 842-2245
5950	00-L53124	Choke .. ..	5950 00-893-0434
5950	00-L53127	Choke .. ..	5950 00-812-4418
5950	00-L53135	Choke .. ..	6625 00-084-3398
5950	00-L53136	Choke .. ..	5950 00-060-8090



Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5950	00-L53142	Clamp	5340	00-226-7961
5950	00-L53145	Clamp	3040	00-883-7590
5950	00-L53146	Clamp	5821	00-245-1059
5950	00-L53162	Coil	5950	00-809-1238
5950	00-L53163	Coil	5950	00-809-1237
5950	00-L53164	Coil	5950	00-808-7532
5950	00-L53165	Coil	5950	00-080-4677
5950	00-L53166	Coil	5950	00-080-4681
5950	00-L53167	Coil	5950	00-080-4678
5950	00-L53168	Coil	5950	00-080-4682
5950	00-L53169	Coil	5950	00-811-2569
5950	00-L53170	Coil	5950	00-809-1269
5950	00-L53171	Coil	5950	00-809-1268
5950	00-L53172	Coil	5950	00-809-1257
5950	00-L53173	Coil	5950	00-809-1243
5950	00-L53174	Coil	5950	00-809-1239
5950	00-L53189	Coil	5950	00-811-9479
5950	00-L53192	Coil	5950	00-904-3497
5950	00-L53200	Coil	5950	00-828-5334
5950	00-L53203	Coil	5950	00-828-5332
5935	00-L53222	Connector	5935	00-080-6687
5821	00-L53266	Gear	5821	00 801-9328
5821	00-L53267	Gear	5821	00-801-9329
5821	00-L53275	Gear	5820	00-058-0135
5821	00-L53283	Gear	5821	00-813-7182
5821	00-L53286	Gear, spur	3020	00-881-2193
5821	00-L53293	Gear, spur	5821	00-816-9742
5325	00-L53303	Grommet	5325	00-962-1633
5821	00-L53310	Head, connector	5935	00-062-4479
5970	00-L53313	Insulator	5970	00-815-0515
5970	00-L53315	Insulator washer	5970	00-809-8032
5970	00-L53316	Insulator	5970	00-561-6766
5970	00-L53320	Mount, resilient	5340	00-061-6108
5935	00-L53332	Jack	5935	00-808-6134
5935	00-L53342	Jack	5935	00-812-6415
5940	00-L53350	Terminal Lug	5940	00-836-3536
5310	00-L53368	Nut	5310	00-208-7021
5310	00-L53369	Nut	5310	00-281-9845
5310	00-L53370	Nut	5310	00-867-3530
5310	00-L53371	Nut	5310	00-867-8259
5310	00-L53372	Nut	5310	00-806-3540
5310	00-L53374	Nut	5310	00-866-0857
5310	00-L53375	Nut	5310	00-674-7632
5310	00-L53376	Nut	5310	00-966-9629
5310	00-L53377	Nut	5310	00-275-5147
5310	00-L53378	Nut	5310	00-937-7552
5310	00-L53379	Nut	5310	00-762-2269
5821	00-L53382	Pad	5821	00-012-5486
5821	00-L53885	Pad	5970	00-828-1447
5821	00-L53388	Pin	5315	00-058-9697

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5821	00-L53398	Post	5820	00-671-1027
5821	00-L53400	Post	5310	00-796-8988
5821	00-L53399	Post	5970	00-081-9138
5821	00-L53403	Nut, plain, hexagon	5310	00-687-7285
5821	00-L53404	Nut, plain, hexagon	5310	00-705-3154
5821	00-L53405	Nut, plain, hexagon	5310	00-888-5853
5821	00-L53406	Nut, plain, hexagon	5310	00-061-9245
5821	00-L53407	Post, electrical-mechanical	5310	00-027-0014
5821	00-L53408	Post, electrical-mechanical	5310	00-141-3790
5821	00-L53409	Nut, plain, hexagon	5310	00-821-1925
5821	00-L53410	Post, electrical-mechanical	5340	00-902-5091
5821	00-L53411	Nut, plain, hexagon	5310	00-914-8997
5821	00-L53412	Post, electrical-mechanical	5340	00-928-2907
5821	00-L53414	Post, electrical-mechanical	5340	00-705-3136
5821	00-L53416	Post, electrical-mechanical	5340	00-865-5349
5821	00-L53426	Nut, plain, hexagon	5310	00-813-0569
5821	00-L53430	Power supply	5821	00-964-2928
5821	00-L53432	Pulley	5821	00-812-4878
5950	00-L53434	Reactor	5950	00-850-6791
5954	00-L53460	Relay assembly	5945	00-907-1351
5305	00-L53472	Screw, machine	5305	00-059-7187
5305	00-L53475	Screw, machine	5305	00-059-7199
5305	00-L53479	Screw, machine	5305	00-619-6095
5305	00-L53481	Screw, machine	5305	00-803-3124
5305	00-L53484	Screw, machine	5305	00-206-3483
5305	00-L53487	Screw, machine	5305	00-059-8448
5305	00-L53489	Screw, machine	5305	00-576-5997
5821	00-L53495	Screw, machine	5305	00-017-4994
5821	00-L53496	Screw, machine	5305	00-638-1885
5821	00-L53502	Shaft	5821	00-818-3822
5821	00-L53505	Shaft	5820	00-076-7136
5821	00-L53508	Shaft assembly	5821	00-816-9753
5935	00-L53518	Insert, electrical connector	5935	00-811-1382
5821	00-L53540	Spring	5820	00-801-9341
5821	00-L53541	Spring	5820	00-067-7507
5821	00-L53542	Spring	6625	00-083-7308
5821	00-L53545	Spring	5950	00-806-8508
5821	00-L53546	Spring	5821	00-806-8507
5821	00-L53547	Spring	5821	00-806-8505
5821	00-L53598	Torroid	5950	00-848-9057
5950	00-L53609	Transformer	5950	00-850-7812
5950	00-L53618	Transformer	5950	00-850-5841
5950	00-L53619	Transformer	5821	00-346-4706
5950	00-L53623	Transformer, RF	5950	00-847-2302
5950	00-L53624	Transformer, RF	5950	00-847-2301
5310	00-L53631	Washer, flat	5310	00-584-7141
5310	00-L53646	Washer, flat	5310	00-082-1993
5310	00-L53647	Washer, flat	5310	00-918-9536
5310	00-L53654	Washer, flat	5310	00-081-7919
5310	00-L53655	Washer	5310	00-914-5776

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5310	00-L53661	Insulator, washer .. ..	5970	00-765-9527
6680	00-L53669	Wheel .. ..	6680	00-874-5471
5940	00-L53811	Terminal stud .. ..	5940	00-632-6819
5841	00-L53868	Pen guide .. ..	5985	00-772-6676
5935	00-L53916	Connector .. ..	5935	00-020-1789
6625	00-L57095	Termistor mount .. ..	6625	00-065-3215
6625	00-L57103	Oscilloscope .. ..	6625	00-085-4513
6625	00-L57105	Oscilloscope .. ..	6625	00-989-5448
6625	00-L57117	Converter, frequency .. ..	6625	00-226-3483
6625	00-L57119	Cable assembly .. ..	6625	00-868-6931
6625	00-L57127	Generators, signal .. ..	6625	00-872-3215
6625	00-L57137	Plug-in unit, electronic .. ..	6625	00-078-5216
6625	00-L57155	Multimeter .. ..	6625	00-578-5849
6625	00-L57191	Multimeter .. ..	6625	00-867-2251
6625	00-L57193	Voltmeter .. ..	6625	00-989-2497
6625	00-L57195	Voltmeter .. ..	6625	00-153-4029
5821	00-L53948	Receiver-transmitter .. ..	5926	00-432-3541
5935	00-L57002	Connector, plug, electrical .. ..	5935	00-274-6896
5935	00-L57010	Connector .. ..	5935	00-686-9539
5935	00-L57015	Hood, electrical, connector .. ..	5935	00-993-0315
5935	00-L57046	Connector, plug, electrical .. ..	5935	00-296-7983
5841	00-L57076	Case, electrical, equipment .. ..	6625	00-669-7524
5841	00-L57370	Strip, solder .. ..	3439	00-914-4784
5841	00-L57371	Strip, tear .. ..	6695	00-921-8464
5920	00-L57392	Fuseholder .. ..	5920	00-556-0144
5841	00-L57515	Spacer .. ..	5340	00-903-2524

(DSAP 519/58/265)

(Navy Order 252 of 1967)

## UNCLASSIFIED

**367—Stores (General) (Group Class 1560)—Airframe Structural Components—Change of Stock Numbers**

1. Navy Order 226 of 1968 is to be amended as follows:

a. **Catalogue No 00-702-2295:**(1) *amend* Old Stock Nos '1560 00-702-2295' to read '1560 00-702-2294'.(2) *amend* New Stock Nos '9320 00-702-2295 to read '9320 00-702-2294'.b. **Catalogue No 00-716-8568:***amend* New Stock Nos to read '1615 00-716-8568'.c. **Catalogue No 00-716-8570:***amend* New Stock Nos to read '3110 00-716-8570'.d. **Catalogue No 00-830-4285:***amend* New Stock Nos to read '1615 00-830-4285'.

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

(DSAP 607/51/69)

(Navy Order 226 of 1968)

## UNCLASSIFIED

**368—Stores Terminology—Definitions**

The Annex to this order gives definitions of stores terminology which will in future apply to all types of stores and should be used when compiling instructions, documents, forms, etc, relating to stores functions.

**ANNEX****Definitions****Accessory**

An item which is an addition to a complete article; such addition serves a definite purpose, but its absence would not prevent the main article from being used.

**Allowance List**

A list of stores authorised to be held.

**An Equipment**

A group of assemblies, sub-assemblies or components which is functionally complete and when assembled constitutes a whole for supply purposes.

**Arisings**

Basic materials recovered from stores no longer of use for their original purpose.

**Assembly**

Part of an equipment comprising a group of components or sub-assemblies which when assembled constitute a whole for supply purposes. (See also Component and Sub-assembly.)

**Bin Card**

A quantity record of items in hand kept in the bin or adjacent to the stock.

**Board of Survey**

A committee of officers (usually three) appointed to determine the condition of stores and to recommend methods of disposal.

**Cannibalise**

To remove serviceable or repairable parts from one item to install them in other items as a matter of expediency.

**Catalogue**

A list of stores arranged in accordance with the system of coding and nomenclature used. The code may incorporate numbers or letters or both and provides an item with a unique identification.

**Cataloguing**

The designation by group class, catalogue number and name of items to identify them in storage or for issue. (See Catalogue and Group Class.)

**Catalogue Number**

The number given to an item within a group class to identify it for inclusion in a catalogue. (See Group Class.)

**Common Use Item**

An item in use by two or more users.

**Component**

An item which constitutes part of another item, but may be stocked separately. When contained in another item it is not subject to separate accounting.

**Consumable Items**

Those items not categorised as permanent, which are either:

- a. of small monetary value;
- b. not economically repairable when worn or defective; or
- c. consumed or used to destruction.

**Contract Acceptance and Purchase Order**

A form used by the Department of Supply to obtain goods or services from a contractor, and to notify the Department concerned that such a contract has been arranged.

**Conversion**

The process of changing the identity of an item by modification, addition or alteration.

**Conversion Voucher**

A form used to show particulars of a stores conversion for subsequent stock recording and accounting action.

**Delivery Lag**

The time which elapses between the agreed date of delivery and receipt of the stores.

**Delivery Period**

The time between the placing of an order or demand and agreed date for delivery of the stores.

**Demand**

A request for the supply of stores.

**Discrepancy Report**

A form used to report discrepancies between stores charged (shown as issued) and received, or damaged in transit.

**Diversion Order**

An instruction by a competent authority to a contractor to deliver goods or services, off contract, to a consignee not specified in the contract; or to amend quantities between consignees specified in the contract.

**Dues In**

The quantity of an item remaining to be received as a result of a demand, procurement, manufacturing, repair, assembly, modification or servicing action.

**Dues Out**

Stores authorised for issue but which will not be supplied immediately.

**External Transaction**

That which takes place:

- a. between Store Accounting Units;
- b. between a Store Accounting Unit and another Authority; or
- c. involving transfer of stock between Store Accounts maintained in a Store Accounting Unit.

**Group Class**

A functional grouping of items classified according to their nature.

*Note*—A more detailed description as given by the Defence Cataloguing Authority is: 'A group class covers a relatively homogeneous area of commodities, in respect of their physical or performance characteristics, and relationship of parts, attachments and accessories to the next higher assemblies for which they are specifically designed, or in respect that the items included therein are such as are usually procured or issued together.'

**Inability**

An approved requirement which cannot be met.

**Inspecting Officer**

An officer authorised to inspect stores and services required by the Department of the Navy to ensure quality and acceptability.

**Inspector (Stores)**

An officer authorised to inspect and advise on storekeeping arrangements in HMA ships and establishments.

**Inspection**

The act of assuring quality and acceptability of stores and services required by the Department of the Navy. The term is also used to describe the act of inspecting storekeeping arrangements.

**Installation**

A term used to identify a fitted group of functionally associated equipments.

**Insurance Stock**

Stores which normally should not be required but which it is prudent to hold in limited quantities against unforeseen eventualities.

**Interchangeability**

Items common to more than one equipment or fitting.

**Internal Transaction**

That which takes place completely within one Store Accounting Unit, excluding transfers of stock between separate store accounts maintained in the Unit.

**Inventory**

The total holding of stores, plant, buildings, etc, at any given time, any itemised list of such stores.

**Issue Voucher**

A form used to cover the issue of stores and as acknowledgment of their receipt. It also supports the store account.

**Item**

An item consists of a single article or an assembly of articles which are stocked as an entity.

**Lead Time**

The time which elapses between the initial estimating of requirements and the estimated date of delivery. Also known as Provisioning Lead Time.

**Ledger Card/Page**

Stock record showing stock balance and all movements of stock.

**Life of Type**

Estimated time that an item will be a current requirement.

**Life of Type Provisioning**

Provisioning for a backing of maintenance requirements to cover the defined 'life of type'.

**Local Purchasing**

Purchasing on a decentralised basis by user sections, usually in the locality where the sections operate.

**Log Book**

A record of performance, maintenance and modification of an item of equipment.

**Maximum and Minimum Stock Levels**

Predetermined quantity levels for the holding of stocks in store, established with the object of indicating:

- a. when excessive stock is being carried; or
- b. when stocks are low and require to be replenished.

**Minimum Stock Figure (MSF)**

The stock level at which hastening action should be considered to ensure delivery of 'dues in' in time to meet requirements.

*Note*—This term is used with machine accounting procedures and is equivalent to the Short of Stock figure in the EDP system.

**Modification**

An approved change to a standard pattern.

**Non-accountable Stores**

Those items which, due to their nature, negligible monetary value or particular use, do not warrant accounting after issue from a bulk store depot.

**Obsolescent**

An item which has been superseded by a later type, but stocks of which may be used until exhausted. No further supplies of such articles will be obtained.

**Obsolete**

An item which is no longer a current requirement.

**Packing Note**

A certificate of contents enclosed with stores dispatched.

**Pattern**

A sufficient description of the form, quality and functions of an item of supply in terms of drawings, specifications and/or physical specimens to permit identification or procurement to appropriate standards of uniformity and interchangeability.

**Period Contract**

A contract made with a supplier for a fixed period and on the basis of approximate quantities for each item listed.

**Permanent Stores**

Items with a reasonably long life, which are not consumed in use, usually of greater value than consumable stores and/or greater functional importance.

**Perpetual Reconciliation**

A phrase used to describe a system under which continuous check is maintained between the physical stock balances and the main stock record balances.

**Plant**

Machinery and equipment supplied for use in an undertaking and which, due to considerations of value, size, form and durability, are recorded as assets in the appropriate accounts.

**Post-posting**

Recording transactions in the stock records after the stores have been issued from or taken into stock.

**Pre-posting**

Recording transactions in the stock records before passing the vouchers to the storehouse.

**Procurement**

The process of arranging acquisition of stores or services from any source.

**Produce**

The arisings and components obtained from the breakdown of unserviceable, obsolete or surplus stores.

**Progressing Deliveries**

A term used to describe follow-up action on orders to ensure that deliveries are made as agreed. (Alternative term—progressing orders.)

**Provision Action Figure (PAF)**

The assets level at which re-provisioning action should be considered.

*Note*—This term is used with machine accounting procedures and the EDP system.

**Provisional Adjusting Action**

Action taken to adjust stock records for discrepancies pending approval by competent authority to effect adjustments.

**Provisioning**

The process of calculating how much must be ordered from time to time to ensure that stocks will be adequate to meet requirements and initiating procurement.

**Provisioning Period**

The pre-determined period for which stocks are provided in order to maintain continuity of supply and having regard to the economic frequency and level of stock replenishment.

**Purchase Order**

A request to a supplier to supply goods or render services.

**Quasi-Permanent Stores**

Items which, although classified as consumable, are not normally completely consumed or used to destruction within a limited period and the issues of which are controlled by requiring production of a worn out item before replacement is issued.

**Quotation**

An offer made verbally or in writing and in response to an invitation to supply goods or services on prescribed terms and conditions.

**Quotation Schedule**

A form on which quotations are listed to show price and other relevant details and submitted with recommendations for acceptance.

**Ready Use Storehouse**

A storehouse established near a working area to avoid loss of working time in obtaining items generally of a consumable nature.

**Receipt Voucher**

A form used to record that stores have been received and accounted for.

**Record of Stores In Aid**

A progressive record kept by departments to ensure that contractors are not over issued with materials required in the terms of the contract.

**Recurring Issues**

Issues for normal usage which are likely to be repeated.

**Red Carding**

A procedure for segregating explosive and associated non-explosive stores suspected of being inefficient or dangerous, to prevent their issue or use until cleared by qualified personnel.

**Repairable**

Stores not fit for use as originally intended, but capable of being restored economically to a serviceable condition.

**Report of Stocktaking**

A form used to record stocktaking results and to obtain the necessary certifications in regard thereto.

**Requisition**

A form prepared to specify services required, eg, examination, repair, purchase of stores.

**Restricted Stores**

Explosive and associated non-explosive stores which, for reason of overhaul, replacement of component or suspicion of malfunction, are not to be issued unless cleared by test, replacement or examination by qualified personnel. The term is also used to denote stores subject to the 'RESTRICTED' security classification.

**Sale Stores**

Items for disposal which are considered to have a re-sale value.

**Salvage**

(Noun): Material, irrespective of condition, which is recovered for reason of economy or expediency.

(Verb): The collection for recovery, of material irrespective of condition, for reasons of economy or expediency.

**Sentence**

A decision by a Board of Survey or Inspecting Officer on the condition of stores.

**Serviceable Stores**

Items fit for issue or for use for the purpose for which originally intended and not overdue for periodical examination.

**Standardisation**

The process of establishing by common agreement, engineering criteria, terms, principles, practices, materials, items, processes, equipments, parts, sub-assemblies and assemblies, to achieve the greatest practicable uniformity of items of supply and engineering practices and to ensure the minimum feasible variety of such items and practices and to effect optimum interchangeability of equipment, parts and components.

**Stock**

The quantity of stores and supplies of all kinds on hand but not in use.

**Stock Assets**

A term used in provision reviews to denote stock held plus 'dues in' minus 'dues out'.

**Stock Control**

The functions of controlling receipts, issues and provisioning of stores.

**Stock Number**

The number used to uniquely identify an item and consists of a group class and catalogue number. (See Group Class and Catalogue Number.)

**Stock Record**

A detailed record of receipts, issues and balances of stock, amplified if desired, with such details as stock values, dues in, dues out, ordering level, maximum and minimum levels.

**Stocktaking**

The process of counting or measuring stores and checking the results against the relevant store accounts.

**Stocktaking Discrepancy Report**

A form used to detail discrepancies after a stocktaking has been completed.

**Store Accounting Unit**

A consumer unit which maintains store accounts and which may be responsible for the store administration or accounting of detached subsidiary consumer units.

**Storehouse/Storeroom**

That part of a stores organisation where stores are kept.

**Stores in Aid**

Stores issued to contractors to assist in the manufacture, modification, servicing, repair or packaging of service articles.

**Sub-assembly**

Part of an assembly comprising a group of components, which when assembled constitute a whole for supply purposes.

**Supply**

A term used to describe the broad function of arranging for stores to be available for users as and when required and includes identification, assessment of requirements, provisioning, procurement, receipt, inspection, storage, issue, stock recording, stocktaking, accounting for and disposal of stores.

**System**

A combination of equipments used in concert to perform a specific function or functions.

**Tender**

An offer made in writing and in response to public invitation, to supply goods or services on such terms and conditions as are stated in the tender schedule. It is also used to describe small ships not carrying their own accounts.

**Transaction Sequence Number**

A sequential number given to each transaction from a record maintained at the stocktaking point and endorsed on the relevant transaction voucher to facilitate continuous reconciliation of balances of stock bin card or stock record.

**Transfer Voucher**

A form used to perform the functions of receipt and issue vouchers in connection with the transfer of stores between storehouses or group classes.

**Unit Loading**

A method of grouping stores in predetermined units of volume, weight, measurement or count, assembled on pallets, dunnage or in cases or crates for each such unit, in such a way that units can be handled individually.

**Unit Piling**

A method of grouping stores in predetermined units for storage pending issue, the unit being one of volume, weight, measurement or count, normally representing the minimum quantity which is issued to users. Furthermore the units are so arranged in layers, rows or stacks as to facilitate quick physical check of the balance of stock on hand at any time.

**Unserviceable**

Items worn out, defective or damaged and not economically restorable to a serviceable condition.

*Note*—In user units, ie, ships and establishments, this term is also utilised as a temporary category for items known or suspected of not being serviceable pending survey.

**Valuable or Attractive Stores**

Items of a valuable or attractive nature which are subject to special care in storage and accounting.

**Voucher**

An auditable document used to support entries in accounting records in respect of stores transactions.

**Workshop Supplies**

Items which cannot be conveniently or accurately charged to a specific job.

(D/O & M 400/51/160)

**UNCLASSIFIED****369—Victualling Stores—Clothing—Shoes, Dress, Canvas and Buckskin, White—Discontinuance of Issue of Shoes with Brown Rubber Heels**

1. It has been decided to discontinue the issue of Shoes, dress, canvas, white with brown rubber heels, Catalogue Nos 22739-22758, and Shoes, dress, buckskin, with brown rubber heels, Catalogue Nos 31130-48, when existing stocks are exhausted.

2. If desired brown rubber heels may be affixed to leather heel shoes on the first occasion of repair.

3. ABR 93, Part II, Scales 1, 2 (a); 2 (b); 2 (c); 3 (a); 3 (d); 3 (c) and 3 (f) will be amended in due course.

( D of V 917/65/183)

RESTRICTED

1. The Commission is composed of the following members: [illegible text]

2. The Commission shall have the honor to receive the following members: [illegible text]

3. The Commission shall have the honor to receive the following members: [illegible text]

4. The Commission shall have the honor to receive the following members: [illegible text]

5. The Commission shall have the honor to receive the following members: [illegible text]

Article 10

1. The Commission shall have the honor to receive the following members: [illegible text]

Article 11

1. The Commission shall have the honor to receive the following members: [illegible text]

Article 12

1. The Commission shall have the honor to receive the following members: [illegible text]

RESTRICTED



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
18 July 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*Handau.*

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

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### Section 1

#### ADMINISTRATIVE AND GENERAL

##### UNCLASSIFIED

#### 370—Resettlement in Civil Life—Naval Resettlement Organisation

##### SECTION I—GENERAL

1. The Naval Board appreciates that officers and sailors who leave the Navy after long-term service are, as a rule, young enough to desire civilian employment, but that they may find difficulty in obtaining suitable employment through isolation from civilian pursuits. The resettlement scheme is intended to assist such long-term service personnel. The organisation is under the direction of the Director of Naval Education Service, who will collaborate where necessary with the Director of Personnel Services. Instructor Officers on the staffs of Flag Officers act as advisers on resettlement information. In ships and establishments, the initial duty of providing resettlement information rests with the Divisional Officer, or, in the case of WRANS, the Unit Officer. In addition, an officer, nominated as ship or establishment Resettlement Officer, will co-ordinate resettlement information and is the channel of communication between the Divisional Officer and sources of information.

##### Eligibility for Training

2. The major aspects of the scheme are restricted to members with long-term service, since these members are likely to find the adjustment to civil life more difficult than members with short-term service, and they therefore require, and by virtue of their service deserve, additional resettlement assistance.

3. For the purpose of the resettlement scheme long-term service members are defined as follows:

- a. officers and sailors with a minimum of 20 years service;
- b. officers and sailors being discharged compulsorily on attaining the age for retirement or discharge or to meet the needs of the Service, and with a minimum of 12 years service; or
- c. officers and sailors being discharged compulsorily on medical grounds irrespective of length of service, except for disabilities occasioned by disobedience or wilful neglect.

It should be noted that no person discharged for disciplinary reasons is eligible for assistance under the Resettlement Scheme.

*Note:* 'Service' is defined as total service, not necessarily continuous, with HM Australian Armed Forces. Resettlement advice to RN personnel serving overseas is given in current DCIs.

4. Long-term service personnel, as defined in Paragraph 3, are eligible for pre-discharge and post-discharge training if this training is considered by the Resettlement Co-ordinating Committee (which comprises representatives of the Navy, Army, Air Force and the Department of Labour and National Service) to be directed towards the effective resettlement of the person. For this purpose 'effective resettlement' is determined in accordance with the following general principles:

- a. the officer or sailor should be able to transfer from the Navy to a civilian occupation with the minimum of involuntary break in continuity of employment;
- b. the officer or sailor should be employed in an occupation which will make the best use of his qualifications, skills and experience;

- c. the officer or sailor should be established in employment the remuneration for which will, together with his service pension, provide him with an income broadly equivalent to that which he received in the service;
- d. the employment obtained should offer reasonable security; and
- e. resettlement measures should always take into account the wishes and needs of the individual.

#### Outline of Resettlement Scheme

5. The Resettlement Scheme has the following provisions:

- a. *For all Members of the Permanent Naval Forces:* The Services Vocational and Educational Training Scheme (Navy Order 371 of 1968) provides that on satisfactory completion of a SVETS course or course unit, a refund of 75 per cent of the cost of all compulsory fees may be claimed except that a member with 15 years completed service at the time of enrolment for a course will be entitled to a 100 per cent refund.
- b. *For Long-term Service Personnel:*
  - (1) The organisation of a resettlement information and advice service for the collection and dissemination of resettlement information and for advice to serving members on all aspects of civil employment.
  - (2) Arrangements whereby members requiring employment assistance will be interviewed before discharge and preliminary employment action initiated through the Commonwealth Employment Service on their behalf.
  - (3) Where appropriate, during the last three months of their service, a brief period of pre-discharge resettlement training to facilitate the transition from service to civilian occupations.
  - (4) The provision of post-discharge resettlement training for long-term service members, where this training is considered to be directed towards the effective resettlement of these members.

#### Provision of Resettlement Information

6. The Department of Labour and National Service, as the agent of the Resettlement Co-ordinating Committee, supplies the following literature in sufficient quantities for distribution to all Naval Resettlement Officers:

- a. *Resettlement Bulletins* containing items of current interest, eg, results of placement action, developments in the scheme, special resettlement problems. Frequency of issue—as circumstances permit, but not more frequently than monthly.
- b. *Resettlement Information Papers* containing background information, eg, employment opportunities in particular fields. Frequency of issue—as material becomes available.
- c. *L and NS Monthly News Release* reviewing the employment situation throughout the Commonwealth.

#### Operation of the Resettlement Scheme

7. The Department of Labour and National Service will provide, on request, supplies of a L and NS form, Form ES 102, for use as detailed in the following paragraphs.

8. If possible, six months before the date of retirement or discharge, every officer or sailor within the categories enumerated in Paragraph 3 is to be interviewed by the ship or establishment Resettlement Officer, who will complete Sections A and B of Form ES 102 in respect of each person interviewed. Forms are to be completed in accordance with the directions printed thereon.

9. Section A of Form ES 102 records the personal particulars of the officer or sailor concerned, whilst Section B records whether or not he desires the assistance of the Commonwealth Employment Service in seeking post-discharge employment, and the type and location of employment sought.

10. Completed Forms ES 102 are to be forwarded to the L and NS Regional Officer, a record of their dispatch being maintained in the ship or establishment. The Department of Labour and National Service desire to compile certain statistics and for this it is essential that all Forms ES 102 be forwarded to the Regional Officer regardless of whether or not the individual officer or sailor desires assistance in finding employment.

11. If an officer or sailor regards the dispatch of a Form ES 102 as an intrusion in his private affairs, there is no compulsion to send the form, but it should be pointed out that the sending of a form will assist the resettlement scheme.

#### Action by Commonwealth Employment Service

12. The L and NS Regional Officer will arrange through the Commonwealth Employment Service (CES) such employment assistance as may have been requested. For this purpose, it may be necessary for individual officers and sailors to be interviewed by a CES officer either:

- a. in his own ship or establishment (if numbers warrant a visit by the CES officer);
- b. at the Higher Appointments Office of the CES in the nearest capital city; or
- c. at a local CES district office.

Interviews of this kind will be arranged through the Resettlement Officer.

13. The person interviewed will be regarded for all purposes as being on duty at the time of the interview, and where travel is involved may be permitted to make one return journey between his normal place of duty and the place of interview at public expense. As far as possible, however, special journeys are to be avoided and interviews are to be arranged at times when the officer or sailor concerned would normally be on leave or when he would be in the vicinity of the place of interview for some other purpose.

14. Placement action by the CES is frequently conditional upon the prospective employee visiting the prospective employer. Subject to the exigencies of the Service, special short leave may be granted to an officer or sailor during the last month of his service to enable him to visit a prospective employer. Visits of this kind are to be arranged through the Commanding Officer who is to satisfy himself that the employment offered is apparently such as to justify the visit. Free travel is not allowable in this instance.

15. In many cases, employment will not have been arranged before an officer or sailor actually leaves the Service, but in such cases the CES will continue its efforts to find suitable employment and the officer or sailor concerned will be referred by the Department of Labour and National Service to the local Officer of the CES near where he intends to live.

16. Officers or sailors who have requested employment assistance through the CES but who subsequently obtain employment through other sources must advise the CES without delay. If employment is found before discharge, this advice should be forwarded through the ship or establishment Resettlement Officer, but if after discharge, the advice should be tendered direct to the local CES office. Conversely officers or sailors who in the first place declined the assistance of the CES, may subsequently register and obtain CES assistance if required by a change of circumstances.

17. The information supplied in Paragraphs 10 and 11 of Form ES 102 should refer to present and not past qualifications. If the officer filling in these sections is of the opinion that the choices set out in Paragraph 5 of the form do not suit the member, this should be pointed out to him and, if necessary, the Regional Director should be contacted for his views before further advice is given to the member.

18. When an officer senior to the Resettlement Officer is requiring assistance, the Captain is to fill in Sections 10 and 11 of Part B (Form ES 102).

#### **Resettlement Advisory Panels**

19. Resettlement Advisory Panels have been established in New South Wales, Victoria and Western Australia to assist the Department of Labour and National Service in arranging employment for members retiring from the Services.

20. These panels comprise prominent citizens who have made their services available in an honorary capacity.

### **SECTION II—PRE-DISCHARGE RESETTLEMENT TRAINING**

21. There will be some long-term service members who may require a brief period of formal or on-the-job training prior to discharge, in order to obtain suitable civilian employment. There will also be some members who may need to complement the theoretical training they have received through SVETS with some practical training, if they are to be able to take advantage, for employment purposes, of the training already completed under SVETS.

#### **Scope of Training**

22. Subject to the restrictions contained in the following paragraphs, any training programme which will facilitate the members resettlement may be arranged by the Labour and National Service Resettlement Officer.

#### **Eligibility for Training**

23. Long-term service members will not have any automatic entitlement to this particular form of resettlement assistance. Each case will be determined on the basis of the resettlement needs of the individual, the nature of the assistance which can be arranged by the Department of Labour and National Service, and in accordance with the needs of the Navy.

#### **Conditions for Training**

24. The conditions under which this form of resettlement assistance may be provided are:

- a. the training must be directly related to the particular resettlement needs of the member;
- b. training shall only be arranged during the last three months of a members service;

c. the maximum period for which training may be arranged shall not exceed four weeks in the aggregate;

d. members undertaking this training will be 'on duty', but will be relieved of their service duties, as necessary, for the period or periods agreed between the Department of Labour and National Service and the Navy.

25. Where a member is selected for training with any organisation, it is to be understood that he remains, in all respects, a member of the Forces subject to service discipline and direction. The member cannot, in any circumstances, be regarded as an employee of the organisation to which he is temporarily attached for training purposes.

#### **Arrangements for Training**

26. In the light of the information provided on the members Form ES 102, supplemented by information obtained at the initial employment interview, the Labour and National Service Resettlement Officer in consultation with the ship or establishment Resettlement Officer, will consider the likelihood of the member being able to obtain suitable employment, either through the Commonwealth Employment Service or by any other means, consistent with the terms set out in Paragraph 4. If it appears to the Labour and National Service Resettlement Officer that the members effective resettlement is likely to prove difficult and that it might be facilitated by a brief period of training, which the Department of Labour and National Service would be able to arrange, he will contact the ship or establishment Resettlement Officer and discuss the practicability of arranging for the member to be released for this purpose. When the Resettlement Officer, after consulting with his Commanding Officer and obtaining the concurrence of the member concerned, agrees to the proposal, an application for the release of the member to undertake pre-discharge resettlement training is to be made to the Naval Board. The Resettlement Officer will be informed whether the member can be spared and is to inform the Labour and National Service Resettlement Officer accordingly.

27. If a course of formal or on-the-job training is approved, the enrolment or necessary arrangements will be made by the Labour and National Service Resettlement Officer who will then advise the ship or establishment Resettlement Officer. Any training fees will, however, be charged to the Service concerned in accordance with the advice forwarded by the Department of Labour and National Service.

28. While the initiative for suggesting a training programme will ordinarily come from the Labour and National Service Resettlement Officer, this in not way excludes suggestions from the ship or establishment Resettlement Officer nor indeed from officers and sailors themselves.

29. If there is a difference of opinion between the ship or establishment Resettlement Officer and the Labour and National Service Resettlement Officer in regard to the provision of pre-discharge resettlement training and the disagreement cannot be resolved in discussion between the officers concerned, then the matter should be reported to Navy Office for a decision by the Resettlement Co-ordinating Committee.

### **SECTION III—POST-DISCHARGE RESETTLEMENT TRAINING**

#### **Scope of Training**

30. The courses which may be studied after discharge, and the institutions at which these courses may be undertaken, will normally be those which are approved under the Services' Vocational and Educational Training Scheme, provided that the courses are directed towards the persons resettlement. Courses available under the Services Vocational and Educational Training Scheme comprise:

- a. such university courses as are made available by university authorities for external or part-time study;

- b. any course offered by a school or college operated by a public authority; and
- c. such courses offered by private institutions as may from time to time be approved by the Services' Education Co-ordination Committee.

Courses should normally be restricted to those available from government institutions. Courses from private institutions are only approved when no suitable course is available from a government institution.

31. In addition, the Resettlement Co-ordinating Committee, acting in consultation with the Services Education Co-ordination Committee, may approve such other vocational and educational courses as it may consider necessary to meet special resettlement circumstances. Examples of courses for which such special provision may be required are:

- a. courses which are only available on a full-time basis and which therefore could not be undertaken through the Services' Vocational and Educational Training Scheme whilst the officer or sailor was still serving;
- b. courses of formal training for officers and sailors whose circumstances prevented them from participating in the immediate pre-discharge training provided under the resettlement scheme; and
- c. courses for medically discharged officers and sailors who, by virtue of an occupational handicap resulting from their disability, may require special vocational training to fit them for employment.

#### Training Conditions

32. The following conditions, under which post-discharge training assistance shall be available, will apply to personnel who are discharged and fulfil the requirements of Paragraph 3 above:

- a. training may be undertaken by correspondence or on a full-time or part-time attendance basis;
- b. applications for training shall be lodged not later than six months after the date of discharge but, in the case of medical discharges, applications may be accepted by the Department of Labour and National Service up to one year after the date of discharge;
- c. the maximum period for which a member may receive training will be three years from the date of commencement of the first available course after the date he lodges a completed application;
- d. an officer or sailor shall be eligible for a refund of 100 per cent of the cost of courses satisfactorily completed. In this connection the cost of a course includes all compulsory fees including examination fees (if any) levied by the training institution or examining authority but does not include the cost of prescribed text-books or instruments and of incidental out-of-pocket expenses which shall be borne by the officer or sailor; and
- e. no living allowance shall be payable.

33. Officers and sailors receiving assistance under other Commonwealth educational or training schemes are not eligible for post-discharge resettlement training.

#### Application for Post-discharge Training

34. Applications for post-discharge training must conform to the condition stated in Paragraph 32 b. and be submitted on Form ES 104. This form may be obtained from ship or establishment Resettlement Officers to whom an initial distribution of the forms has been made by Navy Office.

35. It will be the responsibility of Resettlement Officers to ensure that, at the pre-discharge resettlement interview, long-term service officers and sailors are informed of the existence of post-discharge training benefits and the conditions relating thereto. Except for those who may wish to exercise their right to apply after discharge, applications for training must be lodged with the Resettlement Officers, either at the time of or following the resettlement interview conducted during the last six months of the officers or sailors service. Where a member considers it likely that post-discharge training will be required, but is unable to specify, prior to discharge, the training course desired, he should be encouraged to submit an 'open' application.

36. The application form (Form ES 104), signed by the officer or sailor, must be endorsed by the Resettlement Officer as provided for on the form, and then forwarded by him to the appropriate Labour and National Service Resettlement Officer in accordance with the procedures for Form ES 102. Where possible the application form should be accompanied by Form ES 102. In no case, however, should an application for training be sent to the Labour and National Service Resettlement Officer in advance of Form ES 102. Where a member elects to submit his application after discharge, he may at any time within six months (12 months in the case of a medical dischargee) following his date of discharge obtain an application form and lodge it with the Labour and National Service Resettlement Officer in the State headquarters of that Department or with any District Officer of the Commonwealth Employment Service.

#### Determination of Eligibility

37. The Labour and National Service Resettlement Officer is authorised to approve applications for post-discharge training. Applications, which are considered to be marginal or not in accordance with the conditions detailed in Paragraph 32, will be referred for decision to the Resettlement Co-ordinating Committee. When a medical dischargee has lodged his application for training direct with the Labour and National Service Resettlement Officer or a District Officer of the Commonwealth Employment Service, it will be the responsibility of the Labour and National Service Resettlement Officer to check that the applicant is a long-term service member as defined in Paragraph 3 and certify to this effect on the application form.

38. In making his recommendation, the Labour and National Service Resettlement Officer will consider the type of training requested by the officer or sailor in relation to his resettlement prospects in civilian employment, taking into account the principles set out in Paragraph 4. Relevant factors to be considered will be the persons educational standard, his pre-service employment, if any, his service background, and likely opportunities in the employment suited to his qualifications, skills and experience. In assessing these factors the Labour and National Service Resettlement Officer will have the benefit of the information recorded on Parts A and B of Form ES 102, supplemented by the information obtained at the employment interview conducted by an officer of the Commonwealth Employment Service, and if need be, from a special interview arranged for this purpose.

39. The Labour and National Service Resettlement Officer will ensure that the course requested is available and that the officer or sailor would, if approved for training, be accepted for that course by the training institution.

40. Guided by the recommendation of the Labour and National Service Resettlement Officer, the Resettlement Co-ordinating Committee will approve or reject the persons application for training.

**Advice to Members**

41. The Labour and National Service Resettlement Officer will advise the officer or sailor direct (with a copy to his ship or establishment Resettlement Officer if the person is still serving) of the result of his application and, if approved, of the conditions governing the payment of refunds and the method of application for such refunds. The officer or sailor whose application is approved will be advised that he must make his own arrangements to enrol for the first available course, and that it is his responsibility to provide himself with the required text books and equipment and to pay, direct to the training institution, all fees and other charges connected with the course. The officer or sailor will also be requested to advise the Labour and National Service Resettlement Officer as soon as he has completed his enrolment.

**Completion of Courses**

42. A course will be considered as satisfactorily completed provided that:

- a. the training institution certifies that an examination regarded as representing the satisfactory completion of the course or course unit has been passed. However, if an officer or sailor should be unable to sit for an examination because of illness, the particular demands of his employment, or other extenuating circumstances, the Resettlement Co-ordinating Committee, upon the production of satisfactory evidence to substantiate the claim, may approve a refund to the officer or sailor if the provisions of b. below have been observed;
- b. if there is no examination as defined in a., the training institution certifies that:
  - (1) the written and other assignments of the course have been satisfactorily completed; or
  - (2) there were no written or other assignments for the course but the persons attendance record and performance were satisfactory.

**Variation of Courses**

43. When a person wishes to vary the course approved for him, he must forward his request to the Labour and National Service Resettlement Officer, who, if the variation is consistent with the approval already given (eg, a change in subjects within the same course) may authorise the change without reference to the Resettlement Co-ordinating Committee. Where the variation is substantial (eg, a completely different course is chosen), then the Labour and National Service Resettlement Officer will refer the request to the Resettlement Co-ordinating Committee for decision.

**Refund of Fees**

44. On satisfactory completion of an approved course or course unit, a student will be eligible for a refund of fees as set out in Paragraph 32 d., provided the conditions referred to in Paragraph 42 have been observed.

45. The student will be required to prepare a claim on Treasury Form No 12, showing details of the course and all compulsory fees paid, and submit it to the Labour and National Service Resettlement Officer in the State where he is residing. Treasury Form No 12 is obtainable from any post office or District Employment Office.

46. After checking that the charges claimed are correct, and that the course was approved and satisfactorily completed by the student, the Labour and National Service Resettlement Officer will endorse the Treasury Form No 12, 'Course approved vide

ES 104', sign the Treasury Form No 12, as 'Officer incurring expense', and forward it to the Regional Accountant of the Department of Labour and National Service who will arrange for a cheque to be dispatched to the student.

47. Navy Order 345 of 1965 is hereby cancelled.

(DNES 347/201/1)

(Navy Orders 345 of 1965 and 371 of 1968)

## Section 2 PERSONNEL

**UNCLASSIFIED****371—Educational and Vocational Training—Facilities for Part-time Study**

1. The Services Vocational and Educational Training Scheme (SVETS) exists to provide facilities whereby members of the Services may undertake study in their own time with a view to improving their educational qualifications or to obtaining vocational training in readiness for their eventual return to civil life.

2. Details of the Services Resettlement Organisation under which certain naval personnel are eligible for resettlement training are contained in Navy Order 370 of 1968.

**Eligibility**

3. All officers and sailors of the Naval Forces appointed or enlisted for full-time continuous service are eligible to take the courses described in Paragraphs 4 and 5, subject to the conditions set out in the remaining paragraphs of this order.

**Courses Available**

4. Attendance Courses: An officer or sailor may enrol for any part-time attendance course offered by any teaching institution in Australia which is administered by a public authority provided that attendance can be effected in normal off-duty hours. Enrolment in an attendance course will not be permitted if attendance is likely to interfere with the normal execution of Service duties nor will enrolment affect the availability of an officer or sailor for posting to meet the ordinary requirements of the Service.

5. Correspondence Courses: An officer or sailor may enrol for any correspondence course offered by any teaching institution in Australia which is administered by a public authority, eg, Universities and State technical correspondence schools. He may also enrol for such courses offered by private institutions as may be specifically approved from time to time, though these will normally be limited to those for which suitable alternative courses from public institutions are not available.

**Details of Approved Correspondence Courses**

6. The following lists of approved correspondence courses are supplied to Education Officers of ships and establishments without demand by the Director, Naval Education Service:

- a. a list of technical type correspondence courses available through State technical correspondence schools; and
- b. a list of approved correspondence courses from private institutions.

*Note: Education Officers are reminded that a refund of fees can be given only for approved courses.*

7. Education Officers may amplify the information contained in the above lists by applying to any of the listed teaching institutions for a copy of its handbook of courses.

8. Courses from private institutions which are not contained in the list of approved courses, but which are considered by Education Officers to be within the provisions of Paragraph 5, should be submitted to DNES for consideration.

#### Refund of Fees

9. Subject to satisfactory progress on course, a member will be eligible for a refund of fees paid whilst in the Service in accordance with the following scale:

- a. members with less than 15 years service at time of enrolment for course or course unit—75 per cent of cost of course; and
- b. members with 15 years service or more at time of enrolment for course or course unit—100 per cent of cost of course.

*Note:* 'Service' is defined as total service, not necessarily continuous with HM Australian Armed Forces.

10. The cost of a course includes all compulsory fees, including examination fees (if any), but does not include cost of text books, instruments and incidental expenses.

11. The following will be regarded as 'satisfactory progress':

- a. successful completion of any course (or course unit) whilst still serving and within two years of the date of enrolment; or
- b. successful completion of at least 50 per cent of a course (or course unit) before discharge from the Service, provided that the period between the date of enrolment and the date of discharge does not exceed 18 calendar months.

12. A course (or course unit) will be regarded as successfully completed when any of the following conditions has been fulfilled:

- a. in connection with any type of course, a final examination, internal or external, has been passed to the satisfaction of the teaching institution;
- b. in connection with any type of course, all prescribed work assignments have been completed to the satisfaction of the teaching institution, regardless of final examination results; or
- c. in connection with an attendance course, the student has made at least 80 per cent of the possible attendances or has made attendances and has been granted 'attendance credits' such as will bring the total of attendances and attendance credits to at least 80 per cent of the possible attendances, provided, however, that the total of attendance credits does not exceed 30 per cent of the possible attendances.

13. In the case of a member who is enrolled for a course of study under the Services Vocational and Educational Training Scheme being so posted as to preclude his continuance of the course and it being established that the course cannot be deferred, then that member may apply for a refund of the course fees he has already paid. In such cases a refund of fees will be made only if it can be proven to the satisfaction of the Services Education Co-ordination Committee that the exigencies of the Service prevent continuation or deferment of the course.

#### Attendance Credit Cards

14. The Education Officer will complete an attendance credit card for each member who enrolls for an attendance course, and will endorse the card whenever the member is prevented by Service duties from making a scheduled attendance. Stocks of Form AS 2092Z, the Attendance Credit Card, are available on demand from SNSO, Sydney.

#### Administrative Procedure

15. Application for a course is to be made direct to the teaching institution on Part A of Form AS 2091Z obtainable from the Education Officer. Stocks of Form AS 2091Z, the Application for Correspondence Course or Attendance Course, are available on demand from SNSO, Sydney.

16. The form must bear the endorsement of the Education Officer before being submitted to the teaching institution. The name, official number and rank of the applicant must also be endorsed on Parts B, C and D of the form.

17. If the application is accepted, Part B of Form AS 2091Z (Notice of Acceptance) will be returned to the student. This part will show the fee to be paid and a remittance for this amount must then be forwarded by the student direct to the teaching institution.

18. When the fee is paid and enrolment effected, the teaching institution will return Part C of the form (Notice of Enrolment) to the student who must hand it to his Education Officer. Education Officers are to forward these notices of enrolment in monthly batches to DNES after recording details of enrolments in Form AS 396, Education Officers Report, as applicable. Failure to forward these notices may prejudice the students eventual claims to refund of fees.

19. When a course (or course unit) has been completed in accordance with Paragraph 12 of this order, the student must apply to the teaching institution for the return of Part D of Form AS 2091Z (Certificate of completion) and must hand this certificate, together with an application for a refund of fees, to the Education Officer for forwarding to the Director, Naval Education Service, Department of the Navy, Canberra, ACT 2600. Where fees, other than those receipted by the teaching institution on Part C (Notice of Enrolment), have been paid, receipts for such fees must be forwarded with the application for refund of fees.

20. Refund will be effected as a miscellaneous credit to the pay account of the officer or sailor concerned.

21. Navy Order 344 of 1965 is hereby cancelled.

(DNES 325/53/5)

(Navy Orders 344 of 1965 and 370 of 1965)

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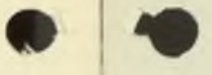
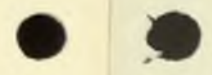
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ANO's 372-384/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
22 July 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

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## Section 1

## ADMINISTRATIVE AND GENERAL

## RESTRICTED

## 372—Ceremonial—Saluting Stations—British and Foreign Ports

1. The lists of saluting stations at:
  - a. ports in the United Kingdom and countries of the Commonwealth;
  - b. foreign ports at which salutes to the National Flag may be expected to be returned,
 are promulgated in the Annexes for information and guidance. Information given in these lists, is however, not to be regarded as in any way relieving Senior Officers of the requirements of RI, Article 1365.
2. Any alterations or additions to this list are to be reported as soon as definite information is obtained.
3. Navy Orders 289, 437 and 514 of 1965 are hereby cancelled.

## ANNEX A

## British Ports

## 1. United Kingdom

†Chatham	..	HMS PEMBROKE
Dover	..	Dover Castle
*Leith	..	Edinburgh Castle
Plymouth	..	The Royal Citadel
Portland	..	Storehouse (50° 34' 04" N) (02° 25' 48" W)
Portsmouth	..	Fort Block House
*Rosyth	..	Admiralty House Battery (St Margaret's Hope).

## Notes:

\*National Salutes from ships arriving in the Forth and all salutes from ships berthing in Leith Roads will be returned by the Military Battery at Edinburgh Castle.

Naval Salutes will be returned by the Admiralty House which will also return National Salutes if the weather or time is unsuitable for Edinburgh Castle.

†Ships visiting Chatham will exchange National and personal salutes with HMS PEMBROKE. HM ships wishing to salute FO Medways Flag must give 48 hours notice.

## 2. Countries of the Commonwealth

Australia	..	Fremantle	..	..	Artillery Barracks.
		Melbourne	..	..	Queenscliffe Fort.
		Sydney	..	..	Georges Heights.
		Port Moresby (New Guinea)	..	..	Murray Barracks.

## ANNEX A—continued

Canada .. ..	Charlottetown, PEI ..	46° 13' 44" N. 63° 08' 15" W.
	Esquimalt, BC ..	Naval Salutes are fired from HMC dockyard.
	Halifax, NS .. ..	44° 38' 52" N. 63° 34' 53" W. National Salutes are to be completed by the time the ship passes Georges Island. Naval Salutes will be fired from HMC dockyard.
	Quebec City, Que ..	National Salutes are returned from the Citadel in position: 46° 48' 03" N. 71° 12' 05" W. Ships should not salute before passing the Canada Steamship Lines jetty.
	St Johns, Newfoundland	47° 34' 08" N. 52° 41' 15" W.
	Vancouver, BC ..	National Salutes are fired from Brockton Point.
	Victoria, BC .. ..	National Salutes will be returned from Work Point Barracks for ships entering Victoria Harbour. National Salutes will be returned from View Point for ships proceeding to Esquimalt.
Ceylon .. ..	Colombo .. ..	Naval Battery, Battenburg Point.
Fiji .. ..	Suva .. ..	If a salute is to be fired, a mobile battery of the Fiji Military Forces will be sited on the foreshore in front of Government House.
Gibraltar .. ..	Port of Gibraltar ..	a. Devils Gap (Military). b. HMS ROOKE saluting battery (foreshore of HMS ROOKE). <i>Notes:</i> 1. Devils Gap returns salutes to the National Flag. 2. The firing of salutes on Sunday is restricted to between 1300 and 1800 local time, or sunset whichever is earlier.
Hong Kong ..	Kowloon .. ..	Naval Saluting Battery—HMS TAMAR—Bull Nose, Victoria Basin entrance.

## ANNEX A—continued

India .. ..	Bombay .. ..	Naval Battery on ramparts of the castle in the immediate vicinity of the flagstaff in position 18° 55' 48" N, 72° 50' 20" E.
	Calcutta .. ..	Shore Battery on the outer wall of Fort William facing river.
	Goa .. ..	Battery at Marivel and Cabo Peninsula.
	Madras .. ..	Coast Battery, Madras Harbour, East Mole.
Malaysia .. ..	Port Swettenham ..	Mobile Saluting Battery. Salutes will be returned from north or south end of the wharf area at North Klang Straits according to the direction of approaching shipping.
Malaysia .. ..	Singapore (Naval Base)	Beaulieu House (in position 01° 27' N, 103° 50' E). This battery is only used for returning salutes to the Flag of the Commander Far East Fleet. It is not a Malaysian National Battery.
Maldives Islands ..	Male .. ..	Salutes at Male are returned from the Sultans Palace (approximately 04° 10' 33" N, 73° 30' E). Salutes should not be fired until ships are in the general area, Male, Dunidu Funidu. Experience has shown that salutes fired immediately on entering the lagoon cannot be heard at the Sultans Palace.
Malta .. ..	Valetta .. ..	HMS ST ANGELO Saluting Battery.
Mauritius .. ..	Port Louis .. ..	Fort William.
New Zealand .. ..	Auckland .. ..	a. North Head (National Salutes). b. HMNZS PHILOMEL (Naval Salutes).
	Wellington .. ..	Point Jerningham (Western Slope).
Nigeria .. ..	Lagos .. ..	Salutes fired by Commonwealth and foreign warships which visit Lagos will be returned by a mobile saluting battery of the Royal Nigerian Army. When in position, this battery will be located at Force Road Jetty, Lagos (06° 26' 34" N, 03° 24' 03" E).
Pakistan .. ..	Karachi .. ..	East Side of Minora Point.
Sierra Leone .. ..	Freetown .. ..	Tower Hill Barracks.
Tanzania .. ..	Dar Es Salaam ..	By arrangement with Tanzanian authorities through BHC, Dar Es Salaam.

## ANNEX A—continued

Tonga .. ..	Nukualofa .. ..	Tongan Ensign is flown from National Flagstaff just westward of the pier. Saluting battery of four Hotchkiss 3 pdr guns is mounted near the flagstaff. Royal Standard may fly from palace which is about 200 yds westward of National Flagstaff.
Western Samoa .. ..		Mulinu'u Saluting Station 13° 14' 46" S, 171° 46' 16" W.

## ANNEX B

## Foreign Ports

Saluting stations in Colonial possessions are shown under the nation to which the colony belongs.

Argentina .. ..	Bahia Blanca Puerto Belgrano Rosales .. ..	} Naval Base, Puerto Belgrano. Salutes by warships entering the naval base, Port of Bahia Blanca and Port of Rosales, to be fired off the reserved berthing place.
	Buenos Aires .. ..	Salute to be fired between kilometres 4 and 1 of the entrance channel.
	La Plata .. .. Rio Santiago .. ..	} Rio Santiago. Salutes by warships entering Ports of La Plata and Rio Santiago to be fired at entrance channel to Port of La Plata between the mouth and tide signal indicator.
	Mar Del Plata .. ..	Salutes by warships entering Port of Mar Del Plata, or anchoring off Mar Del Plata to be fired off Cabo Corrientes to mouth of entrance.
	Ushuaia .. ..	Salutes by warships entering bay or Port of Ushuaia to be fired off fuelling station.
Belgium .. ..	Antwerp .. ..	Fort Liefenshoek 51° 17' 55" N, 04° 17' 07" E.
	Ostend .. ..	East jetty at entrance to port, 51° 14' 25" N, 02° 55' E.
Brazil .. ..	Rio de Janeiro .. ..	Instruction Centre Almirate Wanderkolk south-east of the Ilha Das Enxadas. In other ports, salutes are returned only when Brazilian men-of-war are present and then only when not moored to breakwater or sea wall.

## ANNEX B—continued

Bulgaria .. ..	Bourgas .. ..	7.6 cm Field Battery in position 42° 29' 30" N, 27° 29' E.
	Varna .. ..	7.5 cm Field Battery in position 43° 13' 05" N, 27° 58' 15" E. (Note: Inquiry must be made on or before arrival at these ports, preferably from the British Consul, as to whether a salute would be returned. At present there is no British Consular representation in Bulgaria outside Sofia.)
Cambodia .. ..	Phnom Penh .. ..	Battery opposite Royal Palace.
Chile .. ..	Punta Arenas .. ..	Muelle Stubenrauch.
	Talcahuano .. ..	The battery is situated in the ship HUASCA, permanently moored, as a memorial, off the main base administration building on the foreshore about a quarter of a mile to the southward of the main dockyard basin.
	Valparaiso .. ..	Fort Almirante Silva Palma, Playa Ancha. The salutes to be outside 'Breakwater'.
China .. ..		There are no forts or batteries capable of firing salutes. Foreign men-of-war may fire salutes at any port in China where Chinese men-of-war able to return salutes are at anchor.
Colombia .. ..	Cartagena .. ..	Naval Academy.
Congo Republic (Leopoldville) .. ..	Boma .. ..	Coastal Battery of Bannane. 06° 01' 20" S, 12° 24' 20" E.
Costa Rica .. ..	Punta Arenas .. ..	—
Cuba .. ..	Havana .. ..	Fortaleza de la Cabana.
Denmark .. ..	Copenhagen .. ..	Sixtus Battery in position 55° 41' 22" N, 12° 36' 39" E.
	Elsinore .. ..	Kronborg Castle (Military Battery).
Denmark (Dependency Greenland) .. ..	Godthaab .. ..	—
	Groennedal .. ..	Naval Base.
Dominican Republic .. ..	Santa Domingo .. ..	Fortaleza Ozama.
Ecuador .. ..	Guayaquil .. ..	Cerro De Ste Anna.
Ethiopia .. ..	Massawa .. ..	Imperial Naval School Battery on the North Arm Jetty.

## ANNEX B—continued

Finland	..	..	Helsinki	..	..	Mobile Saluting Battery at Susisaari. (Note: This battery is available to answer salutes at any port in Finland provided sufficient notice is given.)
France	..	..	Brest	..	..	Battery at mouth of Penfeld River.
			Cherbourg	..	..	Batterie du Homet.
			Lorient	..	..	Port Louis Citadel.
			Toulon	..	..	Batterie de Balagnier 47° 05' 07" N, 05° 54' 07" E. (Note: Previous notice required.)
France (Colonies, etc.)						
			Martinique	..	..	Fort de France
			New Caledonia	..	..	Noumea
						Battery at Residence of Director du Parc D'Artillerie.
			Somaliland	..	..	Djibouti
						Mobile Battery in front of the Palais de Gouvernement. (Note: Previous notice required.)
Germany	..	..	Cuxhaven	..	..	(Oster hofmole) 53° 52' N, 8° 43.4' E.
			Hamburg	..	..	The battery at Cuxhaven is in a position to exchange salutes with vessels visiting Hamburg.
						Kiel-Friedrichsort
						54° 23.5' N, 10° 11.3' E.
Greece	..	..	Piraeus	..	..	In the Midshipmans School near to the 'Hero's Tomb' (37° 55.9' N, 23° 37.4' E) four guns have been set up for the purpose of returning the salutes of foreign men-of-war putting into Piraeus and saluting the country. When the return salute is made, the flag of the country being saluted will be broken at the yard-arm of the mast which carried the colours of the Midshipmans School situated on the roof of the centre building. Ships which have been given berth in Phaleron Bay should approach their anchorages in such a manner as to allow salutes to be fired and returned before the saluting battery passes out of sight.
						Salamis
						Salonika
						Naval Battery situated in the dockyard. Eptapyrgion Military Saluting Battery at the Citadel.
Guatemala	..	..	Livingston	..	..	Barracks.
			Puerto Barrios	..	..	Commandancia.
			San Jose	..	..	Military Post.
Haiti	..	..	Port au Prince	..	..	Fort National, also known as Fort Alexandre.

## ANNEX B—continued

Iran	..	..	Bandar Abbas	..	..	Mobile Battery in front of Naval Headquarters.
			Bushire	..	..	Battery situated on the coast south of the town of Mukfa'eh at the base of the lighthouse in approximate latitude 28° 56.5' N.
						Khorranshahr
						Salutes returned from a battery of mobile field guns at foot of the flag staff in the Persian Naval Base, on the south side of the Hafar channel.
Iraq	..	..	Basra (Ashar)	..	..	Field guns mounted on Customs jetty.
Israel	..	..	Haifa	..	..	Battery situated outside breakwater at western extremity of the harbour about 200 yards from the sea front.
Ireland (Republic of)			Cobh	..	..	Spike Island.
			Dublin	..	..	Dun Laighaire, battery by the lighthouse on the Eastern Breakwater. (Note: Previous notification required.)
Italy	..	..	Ancona	..	..	On the outer Northern pier of the harbour.
			Augusta	..	..	Torre Avolos.
			Brindisi	..	..	On the bastions of the Castello Forte a Mare at m.20 x 80° from the signal station (Italian Chart No 191).
						Cagliari
						In the square in front of the entrance to Commando Militare Marrassimo Autonomo (Naval Head-quarters) of Sardinia.
						La Spezia
						On the quay behind the point of Santa Maria al Varignano.
						Leghorn (Livorno)
						Saluting Battery sited within the grounds of the Naval Academy. 43° 31' 37" N, 10° 18' 26" E.
						Messina
						On the foreshore in the Naval Barracks at the Viale Cariddi three cables north-west of San Raineri Point.
						Naples
						Molo Sant'Vincenzo.
						Taranto
						At Castel Sant'Angelo.
Japan	..	..		..	..	A saluting station, intended to act for all ports in Tokyo Bay, is situated on the hill close to the westward of Kannon Saki Lighthouse. Position 35° 15' 02" N, 139° 44' 08" E. National Salutes will be returned between 0800 and sunset provided a weeks notice has been given. This saluting station will also be used for salutes to and from the Flag of the MSDF Commandant, Yokosuka Regional District, whose region includes all the Tokyo Bay Ports.

## ANNEX B—continued

Jugoslavia ..	Split ..	..	Rt Sustipan.
	Sibenek ..	..	Fort S Nikola.
	Boka Kotorska (Gulf Kotor)	..	Rt Ostri. (Note: For visits of Heads of State, Commanders-in-Chief, and on similar important occasions a mobile Naval Battery may be stationed temporarily at other ports for firing salutes, with previous notice.)
Liberia ..	Monrovia ..	..	Fort Norris.
Lebanon ..	Beirut ..	..	Point Lazaret (to the east of the Bay of St Andre and west of the Beirut River mouth, 33° 54' 16" N, 35° 31' 33" E).  (Note: The presence of the President of the Lebanese Republic will be indicated by a flag flown from the saluting station on Point Lazaret.)
Mexico ..	Acapulco ..	..	San Diego Fort.
	Vera Cruz ..	..	San Juan du Ulua Fort.
Monaco ..	Monaco ..	..	Fort Antoine on bluff overlooking southern end of the South Mole.
Morocco ..	Tangier ..	..	Advance notice required.
Netherlands ..	Den Helder ..	..	a. Battery Fort Erfprins (sea front) 52° 57' 48" N, 04° 44' 10" E. b. Battery Harssens (in front of Harbour Office) 52° 57' 56" N, 04° 46' 54" E.
	Ijmuiden ..	..	Fort Island in the harbour entrance (24 hours notice required).
	Hook of Holland ..	..	On the coast north of the entrance of the New Waterway (24 hours notice required).
Netherlands (Self-governing Territories)			
Curacao ..	Willemstad ..	..	National Salutes can be returned by a battery stationed about 300 yards west of St Anna Baai entrance.
Dutch Guiana ..	Paramaribo ..	..	(Note: Previous notification required.)
Nicaragua ..	..	..	There are no batteries of a permanent nature in any Nicaraguan port but a battery could be installed at Corinto if the Nicaraguan Government had previous notice of a visit.

## ANNEX B—continued

Norway ..	Bergen ..	..	Fort Bergenhus.
	Horten ..	..	Fort Carljohansvern.
	Kristiansand (S) ..	..	Fort Odderoen.
	Oslo ..	..	Fort Akershus.
	Trondheim ..	..	Fort Kristiansten.
Persian Gulf, Oman ..	Muscat ..	..	Mirani Fort on the west side of the town.
Peru ..	Calloa ..	..	Escuela Naval, La Punta.
Phillipines ..	Manila ..	..	In special cases and only by arrangement.
Portugal ..	Lisbon ..	..	Fort de Bonn Successo.
Portugal (Colonies)			
Angola ..	Luanda ..	..	Fortaleza do Penedo.
Azores ..	Horta ..	..	Forte de Santa Cruz.
Guine ..	Bissau ..	..	Fortaleza de S. José.
Macau (China) ..	..	..	Bateria du Monte de Guia.
Madeira ..	Funchal ..	..	Fortaleza de Santiago.
Mozambique ..	Lourenco Marques ..	..	Ponta Vermelha.
	Beira ..	..	Muralha da Capitana.
Sao Tome ..	Baia Ana de Chaves ..	..	Fortaleza de São Sebastião.
Santiago, Cape Verde Islands ..	Porte de Praia ..	..	Bateria.
St. Vincent, Cape Verde Islands ..	Porto Grande ..	..	Ponte João Ribereiro.
Timor ..	Dili ..	..	Bateria. (Note: Salutes are not normally fired in Portugese waters between sunset and 0800, and 24 hours notice at least, is normally required.)
Qatar ..	Doha ..	..	Battery of 25 pounders.
Salvador ..	La Libertad ..	..	Military Post.
Saudi Arabia ..	Damman ..	..	—
	Jedda ..	..	Mobile Battery to the north of the town.
	Ras Tanura ..	..	By muzzle loaders on the spit.
South Africa ..	Cape Town ..	..	Lion Battery on Lions Rump.
	Simonstown ..	..	Scale Battery 34° 10' 24" S, 18° 25' 03" E.
South Vietnam ..	Saigon ..	..	Battery on river front at end of Rue Catinat.
Soviet Union ..	..	..	Information will be provided before a ship visit to the USSR.

## ANNEX B—continued

Spain	Algeciras	.. ..	Fort Santiago.	
	Barcelona	.. ..	Fort Montjuich.	
	Cadiz	.. ..	San Felipe battery.	
	Cartagena	.. ..	San Leandro battery.	
	Ceuta (Morocco)	.. ..	Fort del Hacho.	
	Ferrol	.. ..	San Juan battery.	
	Las Palmas (Gran Canaria Canary Islands)	.. ..	Guanarteme battery.	
	Mahon (Minorca)	.. ..	Fort la Mola.	
	Melilla (Morocco)	.. ..	Fort Ataque Seco.	
	Palma de Majorca	.. ..	Fort San Carlos.	
	Santa Cruz de Tenerife (Canary Islands)	.. ..	Fort Almeida.	
Vigo	.. ..	La Guia battery.		
Sweden	Gothenburg	.. ..	Lilla Billingen (Nya Varvet). Warships berthing in the Naval port west of the meridian of Knippelholmens Lighthouse are not to fire a salute.	
	Karlskrona	.. ..	Kungsholm battery.	
	Stockholm	.. ..	Kastelholmen.	
	Trälhavet	.. ..	Oscar Fredriksborg battery. A salute is only fired when anchoring in sight of the battery, provided it is not intended to proceed to Stockholm.	
Thailand	.. ..	Paknam (Bangkok)	.. ..	Fort Chula Chomklao at the mouth of the Menam Chao Phya (Chao Phya river).
Trucial Coast	.. ..	Dubai	.. ..	Two 75 mm field guns.
Turkey	Iskenderun	.. ..	Flagships wishing to fire a National Salute on arrival should give notice of not less than four days to the Turkish authorities through the British Naval Attaché. A mobile field gun battery will then be positioned on the foreshore at approximately 35° 35' N, 36° 9.5' E.	
	Istanbul	.. ..	Battery at Seraglio Barracks.	
	Izmir	.. ..	Mobile battery may be brought to either Fort Yenikale (at entrance to port) or its approximate position 38° 26' N, 27° 07.9' E, in front of the barracks (KONAK). Information as to the position to be used should be obtained from the Naval Attaché.	

## ANNEX B—continued

Turkey—continued	Golcuk	.. ..	Salute will be returned by TCG YAVUZ.
	The Straits	.. ..	There is a saluting battery at Chanak (Canakkale) in the Dardanelles and another at Kavak Point (Anadolu-Kavak), in the Bosphorus, but warships proceeding through the Straits are not required to exchange gun salutes. Warships calling at Istanbul only will exchange the customary salutes with the battery at Seraglio Barracks.
United States	Annapolis, Md	.. ..	US Naval Academy.
	Norfolk	.. ..	US Naval Station in position 36° 57.4' N, 76° 19.0' W.
	Pearl Harbour, Hawaii	.. ..	US Naval Base.
Atlantic and Gulf Coasts	Boston, Mass	.. ..	Boston Naval Shipyard.
	Charleston, SC	.. ..	US Naval Base.
	Hampton Roads, Va (Norfolk and Newport News)	.. ..	Fort Monroe
	Key West Flo	.. ..	US Naval Station.
	Mayport Flo	.. ..	US Naval Station.
	New London Conn	.. ..	US Naval Submarine Base.
	New Orleans, La	.. ..	US Naval Station.
	Newport, RI	.. ..	US Naval Station.
	New York, NY	.. ..	Fort Jay.
	Pensacola, Flo	.. ..	US Naval Air Station.
	Philadelphia Pa	.. ..	Fort Miles, Lewis, Delaware. (Nr Cape Henlopen: approximate position 38° 45' N, 76° 50' W)
			(Note: Salute to be fired on passing Fort Miles.)
	Portsmouth, NH	.. ..	Portsmouth Naval Shipyard.
	Washington, DC	.. ..	US Naval Gun Factory in position 38° 52.3' N, 77° 00' W.
Pacific Coast	Adak, Alaska	.. ..	US Naval Station.
	Kodiak, Alaska	.. ..	US Naval Station.
	Long Beach, Calif	.. ..	Fort McArthur.
	Monterey, Calif	.. ..	National Salutes can be returned by the Army shore battery.
	San Diego, Calif	.. ..	US Naval Air Station.
	San Francisco, Calif	.. ..	Fort Winfield Scott.
	San Pedro, Calif (Port of Los Angeles)	.. ..	US Naval Air Station, Long Beach, Calif.
	Seattle, Wash	.. ..	US Naval Receiving Station.

## ANNEX B—continued

*Territories*

Marianas Island	..	Guam	..	..	US Naval Base, Marianas.
Puerto Rico	..	San Juan	..	..	a. National salutes are returned by Fort Brooke. b. Salutes to the Flag of the Commander Caribbean Sea Frontier are returned by the US Naval Station.

*Possessions, etc.:*

Panama Canal Zone	Atlantic Canal	entrance to	Fort de Lesseps. (Salutes to be fired just after incoming vessels have passed through the breakwater entrance.
	Pacific entrance to Canal		Fort Amador. (Salutes should be fired when incoming vessels are opposite the barracks of Fort Amador.)
Uruguay	..	Montevideo	.. Punta Lobos Fort.
Venezuela	..	La Guaira	.. La Guaira Fort.
		Puerto Cabello	.. Puerto Cabello Fort.
Yemen	..	Hodeida	.. Fort to the south of the town.

(D of O 12/201/18)

(Navy Orders 289, 437 and 514 of 1965)

## UNCLASSIFIED

**373—RAN Life Saving Committee**

1. The RAN Life Saving Equipment Committee has been reconstituted as the RAN Life Saving Committee. The Committees terms of reference are to:
  - a. review from time to time all aspects of life saving and survival at sea, and submit proposals to the Naval Board;
  - b. state the requirements for all life saving and associated equipment in the RAN (except those for the Fleet Air Arm) including maintenance and overhaul aspects;
  - c. make recommendations for the introduction into, or withdrawal from, service of life saving and associated equipment and to co-ordinate action for the supply of approved items of equipment with the procurement divisions;
  - d. initiate trials of new and modified equipment and the development of new items of equipment to the prototype stage (appropriate funds to be included in GMGID estimates);
  - e. promulgate all information by means of Navy Orders, ABRs, etc;
  - f. maintain a close liaison with the Director of Naval Air Policy regarding life saving and survival equipment for the Fleet Air Arm; and
  - g. maintain a close liaison with the Safety Equipment and Survival School regarding the training of personnel in the use and maintenance of life saving and survival equipment.

2. The Committee will not normally concern itself with individual ships but will confine its work to items or principles which have a general application. The Committee will not have executive powers, and responsibilities for executive action to effect improvements remain as at present.

3. The Committee is under the chairmanship of the Co-ordinator of Naval Safety, and the following are represented:

Director of Tactics and Weapon Policy  
 Director of Manning and Training  
 Medical Director-General  
 Director of Submarine Maintenance and Repair  
 Director of Naval Stores  
 Director of Victualling  
 Principal Naval Architect  
 General Manager, Garden Island Dockyard  
 OIC School of Safety Equipment and Survival, HMAS ALBATROSS  
 Director of Transportation, Department of the Army

(CONS 8/204/50)

**Section 3****OPERATIONAL AND TRAINING**

## UNCLASSIFIED

**374—Introduction of Road Safety Training**

1. The Naval Board have noted with concern the continuing high rate of road accidents involving Naval personnel. Lack of knowledge of driving technique is a major contributing factor of road accidents, and there is a need to educate all personnel, including passengers, in the basic principles which enhance road safety. Accordingly, it has been decided to introduce road safety training into the RAN.

2. A pilot training scheme will be undertaken at HMAS CERBERUS where a series of lectures will be given to recruits during their initial training and to Able Rank and Petty Officer Promotion courses by a specially trained Petty Officer MTD Instructor.

3. Depending on the success of this scheme, road safety training by specially trained road safety instructors will be extended to include personnel serving in other areas such as HMAS LEEUWIN and the East Australia Area.

4. This order will be reprinted for posting on Notice Boards.

(DMT 177/1/60)

**Section 4****EQUIPMENT, STORES AND SERVICING**

## RESTRICTED

**375—Alteration and Addition Item—HMA Ships STUART and DERWENT**

The following Alteration and Addition Item is approved to be carried out in HMA Ships STUART and DERWENT:

*Class List Item No 359 (Ex TDL 'NFEQ').*

- a. *Item:* To replace Ikara Launcher Training Metadyne System by the Solid State Launcher Training Control Unit, E3.
- b. A weight saving of 1,600 lb is involved, 850 lb of which is required as compensation for fitting of Ikara embarkation arrangements.

(CNTS 740/252/971)



## RESTRICTED

## 376—Guided Weapons—Seacat Missiles Mod 0 and Mod 1—Firing and Testing Limitations

(DCI (RN) 461/1968)

1. The following instructions list the time that Seacat Mod 0 and Mod 1 missiles may be left on the launcher. Other than for operational reasons, when it is essential to have the missiles at immediate readiness, the durations laid down in the tables below are not to be exceeded:

## For Seacat Missiles Mod 0

Missile Condition	Ambient Air Temp or Magazine Temp whichever is the Greater	Maximum Continuous Exposure Period Permitted on Launcher
Dark Grey Sheath ..	Not exceeding 70° F ..	Unlimited
	Over 70° F to 80° F ..	Two hours
	Over 80° F to 90° F ..	One hour
	Over 90° F to 100° F ..	½ hour
Un-sheathed .. ..	Not exceeding 80° F ..	Unlimited
	Over 80° F to 87° F ..	Two hours
	Over 87° F to 95° F ..	One hour
	Over 95° F to 100° F ..	½ hour or for missile testing only
White Exterior Sheath ..	Not exceeding 88° F ..	Unlimited
	Over 88° F to 93° F ..	Two hours
	Over 93° F to 97° F ..	One hour
	Over 97° F to 102° F ..	½ hour

## For Seacat Missiles Mod 1

Missile Condition	Ambient Air Temp or Magazine Temp whichever is the Greater	Maximum Continuous Exposure Period Permitted on Launcher
Dark Grey Sheath ..	Not exceeding 96° F ..	Unlimited
	Over 96° F to 106° F ..	Two hours
	Over 106° F to 116° F ..	One hour
	Over 116° F to 123° F ..	½ hour
Un-sheathed .. ..	Not exceeding 105° F ..	Unlimited
	Over 105° F to 113° F ..	Two hours
	Over 113° F to 121° F ..	One hour
	Over 121° F to 126° F ..	½ hour or for missile testing only
White Exterior Sheath ..	Not exceeding 115° F ..	Unlimited
	Over 115° F to 120° F ..	Two hours
	Over 120° F to 124° F ..	½ hour

2. STN 5B to BR 2500 (1) will be amended.

(CINO 740/252/1155)

## UNCLASSIFIED

## 377—Stores (General) (Group Class 0282)—Non-ferrous Tubes—Change of Stock Numbers

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
0282	9550	Ferrule, cupro nickel .. ..	0289	9550
0282	9550/L1	Ferrule, alum brass .. ..	0289	9550/L1
0282	9551	Ferrule, cupro nickel .. ..	0289	9551
0282	9551/L1	Ferrule, alum brass .. ..	0289	9551/L1
0282	9552	Ferrule, cupro nickel .. ..	0289	9552
0282	9552/L1	Ferrule, alum brass .. ..	0289	9552/L1
0282	12194	Ferrule, cupro nickel .. ..	0289	12194
0282	12194/L1	Ferrule, cupro nickel .. ..	0289	12194/L1
0282	L90016	Ferrule, cupro nickel .. ..	0289	L90016
0282	L90020	Ferrule, cupro nickel .. ..	0289	L90020
0282	L90024	Ferrule, cupro nickel .. ..	0289	L90024
0282	L90038	Ferrule, cupro nickel .. ..	0289	L90038
0282	L90040	Ferrule, cupro nickel .. ..	0289	L90040
0282	12195	Plug, tubes .. ..	0289	12195
0282	L90300	Tube, alum brass .. ..	0289	L90300
0282	L90301	Tube, alum brass .. ..	0289	L90301
0282	L90302	Tube, alum brass .. ..	0289	L90302
0282	L90304	Tube, alum brass .. ..	0289	L90304
0282	L90305	Tube, alum brass .. ..	0289	L90305
0282	L90310	Tube, alum brass .. ..	0289	L90310
0282	L90311	Tube, alum brass .. ..	0289	L90311
0282	L90312	Tube, alum brass .. ..	0289	L90312
0282	L90313	Tube, alum brass .. ..	0289	L90313
0282	L90315	Tube, alum brass .. ..	0289	L90315
0282	L90316	Tube, alum brass .. ..	0289	L90316
0282	L90317	Tube, alum brass .. ..	0289	L90317
0282	L90319	Tube, alum brass .. ..	0289	L90319
0282	L90320	Tube, alum brass .. ..	0289	L90320
0282	L90325	Tube, alum brass .. ..	0289	L90325
0282	L90326	Tube, alum brass .. ..	0289	L90326
0282	L90330	Tube, alum brass .. ..	0289	L90330
0282	L90335	Tube, alum brass .. ..	0289	L90335
0282	L90340	Tube, alum brass .. ..	0289	L90340
0282	L90345	Tube, alum brass .. ..	0289	L90345
0282	L90346	Tube, alum brass .. ..	0289	L90346
0282	L90350	Tube, alum brass .. ..	0289	L90350
0282	L90355	Tube, alum brass .. ..	0289	L90355
0282	L90356	Tube, alum brass .. ..	0289	L90356
0282	L90357	Tube, alum brass .. ..	0289	L90357
0282	L90370	Tube, alum brass .. ..	0289	L90370
0282	L91200	Tube, cupro nickel .. ..	0289	L91200
0282	L91202	Tube, cupro nickel .. ..	0289	L91202
0282	L91203	Tube, cupro nickel .. ..	0289	L91203

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
0282	L91204	Tube, cupro nickel .. ..	0289	L91204
0282	L91205	Tube, cupro nickel .. ..	0289	L91205
0282	L91206	Tube, cupro nickel .. ..	0289	L91206
0282	L91207	Tube, cupro nickel .. ..	0289	L91207
0282	L91208	Tube, cupro nickel .. ..	0289	L91208
0282	L91209	Tube, cupro nickel .. ..	0289	L91209
0282	L91210	Tube, cupro nickel .. ..	0289	L91210
0282	L91212	Tube, cupro nickel .. ..	0289	L91212
0282	L91214	Tube, cupro nickel .. ..	0289	L91214
0282	L91215	Tube, cupro nickel .. ..	0289	L91215
0282	L91216	Tube, cupro nickel .. ..	0289	L91216
0282	L91217	Tube, cupro nickel .. ..	0289	L91217
0282	L91217/10	Tube, cupro nickel .. ..	0289	L91217/10
0282	L91218	Tube, cupro nickel .. ..	0289	L91218
0282	L91219	Tube, cupro nickel .. ..	0289	L91219
0282	L91220	Tube, cupro nickel .. ..	0289	L91220
0282	L91222	Tube, cupro nickel .. ..	0289	L91222
0282	L91224	Tube, cupro nickel .. ..	0289	L91224
0282	L91226	Tube, cupro nickel .. ..	0289	L91226

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 505/81/54)

#### UNCLASSIFIED

##### 378—Stores (General) (Group Class 1630)—Aircraft Wheel and Brake Systems—Change of Stock Numbers

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
1630	00-093-9189	Ring retaining .. ..	5340	00-598-1861
1630	00-098-1992	Ring, bearing .. ..	1650	00-260-6850
1630	00-772-5599	Brake, magnetic .. ..	1680	00-772-5599
1630	00-867-6955	Hinge, door .. ..	1560	00-867-6955
1630	00-991-8902	Cylinder assembly .. ..	1560	00-991-8902

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812.

(DSAP 603/77/1335)

#### UNCLASSIFIED

##### 379—Stores (General) (Group Class 2805)—Gasoline Reciprocating Engines, Except Aircraft, and Components—Change of Stock Numbers

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
2805	00-250-6158	Gasket .. ..	2940	00-298-9648
2805	00-354-1945	Ring, piston .. ..	2815	00-554-3541
2805	00-358-3675	Spring, helical .. ..	5340	00-597-2841
2805	00-511-2672	Bearing, roller .. ..	2805	00-198-1061
2805	00-693-9422	Gasket .. ..	5330	00-298-5681
2805	00-695-2131	Valve and seat .. ..	2910	00-364-2620

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 400/70/129)

#### UNCLASSIFIED

##### 380—Stores (General) (Group Class 2840)—Gas Turbines and Jet Engines, Aircraft, and Components—Change of Stock Numbers

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
2840	00-540-8245	Gear, spur .. ..	2995	00-540-8245
2840	00-585-4596	Packing, preformed .. ..	5330	00-585-4596
2840	00-618-6971	Packing, preformed .. ..	5330	00-618-6971
2840	00-879-9946	Seal, plain, encased .. ..	2840	00-859-6800
2840	00-879-9949	Seal, plain, encased .. ..	2840	00-859-6800

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812.

(DSAP 611/51/76)

#### UNCLASSIFIED

##### 381—Stores (General) (Group Class 2910)—Engine Fuel System Components, Non-aircraft—Change of Stock Numbers

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
2910	00-767-3551	Parts kit, carburettor .. ..	2910	00-388-7804
2910	00-362-2597	Parts kit .. ..	2910	00-127-0164
2910	00-442-5299	Sea .. ..	2915	00-442-5299
2910	00-600-5567	Arm assembly .. ..	2815	00-600-5567

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 400/70/126)

**UNCLASSIFIED**

**382—Stores (General) (Group Class 4240)—Safety and Rescue Equipment—Change of Stock Numbers**

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
4240	00-174-1397	Lens, goggles, industrial ..	4240	00-262-7098
4240	00-262-7101	Lens, goggles, industrial ..	4240	00-262-7091
4240	00-270-4399	Mask, airline ..	4240	00-275-3177
4240	00-640-0702	Respirator, air ..	4240	00-276-8935
4240	00-243-9845	Mask, antifiash ..	8415	00-243-9845

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 512/74/332)

**Section 5**

**BOOKS, CORRESPONDENCE, FORMS AND STATIONERY**

**RESTRICTED**

**383—Allied Communication Publications—Allowances of Non-accountable ACPs**

1. A recent survey of the holdings and requirements of non-accountable ACPs indicated that some ships and authorities are holding unnecessary copies while others do not have sufficient to meet their needs.

2. It is essential that stocks of non-accountable ACPs are distributed so that ships and authorities have those necessary for the efficient performance of their stated communication task and the routine training of personnel. In the case of Submarines and Patrol Boats, allowances must be kept to a minimum because of space limitations. Submarine and Patrol Boat operating bases will hold full sets of publications for reference purposes.

3. Revised allowances of non-accountable ACPs are in the Annex. Ships and authorities with copies in excess of entitlement are to return them to the Victualling Yard, Sydney, at the first opportunity. Where extra copies are allowed in addition to those already held, they will be issued without demand.

**Allowances of Non-accountable ACPs**

Ship	ACP 117	ACP 117	ACP 118	ACP 119	ACP 121 (A)	ACP 124	ACP 125	ACP 126 (A)	ACP 127 (A)	ACP 129	ACP 130	ACP 131	ACP 134	ACP 135	ACP 136	ACP 148	ACP 149	ACP 160	ACP 165 (A)	ACP 167	ACP 168	Remarks
	COMNAV SUPP																					
MELBOURNE ..	1	2	2	2	1	2	2	1	2	2	1	4	..	2	1	2	2	1	4	1	1	
SYDNEY ..	..	1	2	1	2	2	2	1	1	2	1	2	..	2	1	2	2	1	2	1	1	
SUPPLY ..	..	1	1	1	2	1	2	1	1	1	1	2	..	1	1	1	1	1	1	1	1	
STALWART ..	..	1	1	1	2	1	2	1	1	1	1	2	..	1	1	1	1	1	1	1	1	
DDGs ..	..	1	1	1	2	1	2	1	1	1	1	2	..	1	1	1	1	1	2	1	1	
DARINGS ..	..	1	1	1	2	1	2	1	1	1	1	2	..	1	1	1	1	1	2	1	1	
TYPE 12 ..	..	1	1	1	2	1	2	1	1	1	1	2	..	1	1	1	1	1	2	1	1	
QUEENBOROUGH ..	..	1	1	1	2	1	2	1	1	1	1	2	..	1	1	1	1	1	2	1	1	
ANZAC ..	..	1	1	1	2	1	2	1	1	1	1	2	..	1	1	1	1	1	2	1	1	
MORESBY ..	..	1	1	..	1	1	1	1	1	1	1	1	..	1	1	1	1	..	1	1	1	
DIAMANTINA ..	..	..	1	..	1	1	1	..	..	1	1	1	..	1	1	1	1	..	1	1	1	
'T' CLASS S/Ms ..	..	1	1	..	1	1	1	..	1	..	..	1	..	..	..	..	..	..	1	..	1	
OBERON S/Ms ..	..	..	1	..	1	1	1	..	..	..	..	1	..	..	..	..	..	..	1	..	1	} Remaining ACPs held by HMAS PLATYPUS.
MINESWEEPERS ..	..	..	1	..	1	1	1	..	..	1	..	1	..	..	1	1	..	..	1	..	1	
MINEHUNTER ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
KIMBLA ..	..	..	1	..	1	1	1	..	..	1	..	1	..	1	1	..	..	..	1	..	1	
PALUMA ..	..	..	1	..	1	1	1	..	..	1	..	1	..	1	1	..	..	..	1	..	1	
PATROL BOATS ..	..	..	1	..	1	1	1	..	..	1	..	1	..	1	..	..	..	..	1	..	1	Remaining ACPs held by bases.
FOCAF ..	1	1	..	1	1	1	1	..	..	1	1	2	..	..	1	1	..	..	1	1	1	
FOICEA ..	6	12	2	1	3	12	12	1	12	12	2	12	1	4	1	2	2	1	12	3	1	
NOIC WA ..	..	1	2	..	2	2	2	..	2	2	1	2	..	1	1	1	1	..	2	1	1	
NOIC SA ..	..	1	2	..	2	2	2	..	2	2	1	2	..	1	1	1	1	..	2	1	1	
NOIC QLD ..	..	1	2	..	2	2	2	..	2	2	1	2	..	1	1	1	1	..	2	1	1	
NOIC TAS ..	..	1	2	..	2	2	2	..	2	2	1	2	..	1	1	1	1	..	2	1	1	
NOIC NA ..	..	1	1	..	1	1	1	..	1	1	1	1	..	1	1	1	1	..	1	1	1	
NOIC VIC ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Publications held by HMAS LONSDALE.
NOIC NG ..	..	2	1	..	1	6	6	..	1	2	1	7	..	1	1	1	1	..	1	1	1	
CST CERBERUS ..	8	12	15	12	12	80	12	1	48	55	5	25	..	2	2	10	10	1	20	2	2	
NAS NOWRA ..	..	1	1	2	1	4	6	..	1	3	1	5	..	1	..	2	3	2	7	1	1	
LONSDALE ..	..	1	2	..	2	4	4	..	2	2	1	2	..	1	1	1	1	..	1	1	1	
PLATYPUS ..	..	1	1	..	1	1	1	..	1	1	1	2	..	1	1	1	1	..	1	1	1	
WATSON ..	..	1	1	..	1	1	14	..	1	1	1	1	..	1	..	2	2	1	31	1	1	
WATERHEN ..	..	1	1	1	1	1	1	..	1	1	1	1	..	1	1	1	1	..	1	1	1	As Patrol Boat base.
NIRIMBA ..	..	1	..	..	1	1	1	..	1	1	..	1	..	..	..	..	..	..	..	..	..	
PENGUIN ..	..	1	..	..	1	1	1	..	1	1	..	1	..	..	..	..	..	..	..	..	..	
CRESWELL ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	} As for HMAS PENGUIN when comcentres activated.
RUSHCUTTER ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
GMWD ..	..	1	..	..	1	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	
CANBERRA NRS..	2	4	1	1	3	8	1	..	6	2	2	11	..	2	..	1	1	..	2	2	1	
DARWIN NRS ..	2	1	..	1	2	2	2	..	2	1	2	5	..	2	..	..	..	..	2	2	2	
D of C ..	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	

Note: Supplements will be issued on the same basis as the parent book unless otherwise indicated.

(D of C 465/201/619)

REVISED

NAVY ORDER

NAME	NO.	GRADE	REG.	EXP.	RES.	OT.	OT.	OT.	OT.	OT.	OT.	OT.	OT.	OT.	OT.	OT.	OT.	OT.
BROWN																		
SMITH																		
JONES																		
DOE																		
WILSON																		
ANDERSON																		
TAYLOR																		
EVANS																		
GREEN																		
ADAMS																		
HARRIS																		
WALKER																		
YOUNG																		
SCOTT																		
WALKER																		
ANDERSON																		
GREEN																		
ADAMS																		
HARRIS																		
WALKER																		
YOUNG																		
SCOTT																		

NAVY ORDER

REVISED

**Section 7**  
**CANCELLED LIST**

**RESTRICTED**

**384—Sailors—Career and Pre-commissioning Training—General**

Navy Order 397 of 1967, having been incorporated into ABR 27 Volume II (Revised 1968) and ABR 27 Volume III, is hereby cancelled.

(DMT 311/201/247)

(Navy Order 397 of 1967)

**RESTRICTED**

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RESTRICTED

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RESTRICTED

ANO's 385-398/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
26 July 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*Handau.*

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY

RESTRICTED

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386	EDP—Accuracy in Input Documents.
387	Signals—Operational Brevity Codes.
388	Warships of the Royal Navy and of Other Navies—Charges for Supplies and Services.
<b>SECTION 2—PERSONNEL</b>	
389	Child Allowance.
390	Conditions for Training of Malaysian Service Personnel Under the Australian Aid to Malaysia Programme.
391	Household Effects and Baggage of Naval Personnel Returning From Overseas—Customs and Quarantine Clearance.
392	Services Canteens Trust Fund—Education Awards—1969.
393	Travelling Allowance—Members on Long and Intermediate Term Duty Oversea.
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395	Ammunition—Pyrotechnics—Thunderflashes—Introduction of Mark N2 (Large) and Mark N5 (Small)—Withdrawal of Mark 1 (Large) and Mark 4 (Small)—Revision of Uses and Allowances.
396	Medical/Dental Stores—Returns to Army Base Medical and Dental Store Depots.
397	Special-to-Contents Cases and Containers.
398	Stores (General) (Group Class 4920)—Aircraft Maintenance and Repair Ship Specialised Equipment—Change of Stock Numbers.

## Section 1 ADMINISTRATIVE AND GENERAL

### RESTRICTED

#### 385—ACB 0337—Definition of Terms

1. Following investigations into recent security breaches it has become apparent that some confusion exists in the interpretation of various terms used in ACB 0337.
2. The definitions at the Annex to this order are to be applied to ACB 0337, which will be amended in due course.

#### ANNEX

- Authorised Messenger* .. A messenger (male or female) whose sense of responsibility and maturity are considered sufficient for him to be entrusted with the carriage of classified matter and who has been authorised by the Commanding Officer or Head of Establishment or Branch to do so.
- He should be:
- a. Security cleared to the level of the classification of the documents being carried.
  - b. Made aware that he is carrying classified matter.
  - c. Instructed in his responsibilities for effecting safe delivery.
  - d. Informed of the procedure for reporting losses or action in an emergency.
  - e. Issued with a means of identification if necessary.
- An authorised messenger, unlike the responsible officer, should not under normal circumstances have access to the classified information in the matter being carried.
- Authorised Officer* .. A responsible officer or authorised messenger who has been authorised by the Commanding Officer or Head of Establishment or Branch to undertake the duty referred to in these instructions.
- Authorised Civil Officer* .. A civilian employee of the Department of the Navy as defined under Responsible Officer. *See also* Charge Books Officer.
- Charge Books Officer* .. A commissioned officer or authorised civil officer appointed by the Captain to undertake the responsibilities of the Charge Books Officer laid down in Chapter 2. He is the 'Custodian' for the purposes of NATO instructions. When a civilian is appointed as Charge Books Officer selection is to be made from suitable officers of the Third Division occupying positions classified not lower than \$2,514-\$3,010 (Clerk—Class 2). Whenever possible the person selected should be an adult, but in the event of his not being an adult consideration should be given to eligibility for clearance to TOP SECRET level and in particular to maturity, suitability for that clearance and ability to understand and apply the instructions concerning the custody and handling of charge publications. *See also* ACB 0328, Article 405.

<i>Commissioned Officer</i>	..	When used in the context of Charge Books Officer (qv) the term commissioned officer is to be regarded as including Acting Sub-Lieutenants (S), Midshipmen (S) and WRANS officers as well as the personnel included in the definition of Officer contained in RI.
<i>Compromise</i>	..	The availability of material or the disclosure of information to authorised persons through loss, theft, capture, recovery by salvage, defection of individuals, unauthorised viewing or photography, leakage of information or by any other physical means.
<i>Courier</i>	..	The Safe Hand Officer; also a person carrying classified matter while overseas who has been documented in accordance with the instructions in Chapter 8 to ensure diplomatic immunity.
<i>Crypto</i>	..	A notation placed on printed cryptographic documents which serves as a warning of the special nature of the publication.
<i>Crypto Material</i>	..	All material, including documents, devices and/or equipment or apparatus essential to the encryption, decryption or authentication of telecommunications.
<i>Custodian</i>	..	The officer who is charged with the actual custody, handling and safeguarding of the classified matter and who is responsible to the Commanding Officer or Head of Establishment or Branch therefore. The NATO term for CB Officer.
<i>Documents</i>	..	Any form or recorded information including printed, written, drawn or painted matter, sound recordings, photographs, films, maps, etc. Documents are included in Matter.
<i>Equipment</i>	..	Machinery, apparatus, devices, supplies, ammunition, etc. Equipment is included in Matter.
<i>Matter</i>	..	Everything regardless of its physical character on or in which information is recorded or embodied. Books, reports, articles, notes, letters, drawings, sketches, plans, photographs, recordings, machinery, models, apparatus, devices and all other equipment or substances, including waste, fall within the general term Matter. Information which is transmitted orally is considered as Matter for the purposes of security.
<i>Physical Security</i>	..	The component of security which results from all physical measures necessary to safeguard classified matter from access thereto or observation thereof by unauthorised persons.
<i>Responsible Officer</i>	..	A person listed below who can have access to the classified information in the document or to the classified equipment concerned. In all cases the requirements of Chapter 4 are to apply. In the case of RAN personnel, personnel of other Navies serving in the RAN and civilian staff of the Department of the Navy, the Commanding

Officer or Head of Establishment or Branch is to ensure that the person concerned exhibits the qualities of maturity and responsibility warranted by this duty.

Responsible officers may be:

- a. A commissioned officer of the RAN, Reserve Forces or the WRANS; a sailor of the rank of leading rank and above of the RAN, the Reserve Forces or the WRANS; a commissioned officer, or a sailor of the rank of leading rank and above of a Commonwealth Navy or the USN serving in the RAN.
- b. A civilian employee of the Department of the Navy whose approved duties include responsibility for dealing with recording, custody or carriage of classified matter.
- c. An employee of the Commonwealth department nominated by that department.
- d. A nominated employee of a contractor.

*Safe Hand Officer* .. A responsible officer, as defined above (but not including contractors employees) whose duties include the receipt, recording, preparation for dispatch, delivery and custody of classified matter transmitted under the safe hand system described in these instructions.

(DNI 1617/206/180)

## UNCLASSIFIED

### 386—EDP—Accuracy in Input Documents

1. The inauguration of EDP reporting in the Dockyard, Supply and Personnel areas has, in general, been accomplished with relative smoothness and a minimum of teething troubles.

2. It is expected that as everyone becomes more familiar with the reporting forms and the relevant EDP instructions covering their compilation, the incidence of errors will decrease. At the moment, however, the full impact of incorrect reporting is not being experienced at the source because most of the errors which give rise to rejects after EDP processing are being adjusted at the EDP Centre.

3. This situation will not be able to be maintained indefinitely. Consequently, it is necessary to stress yet again the need for complete accuracy in filling in forms. It must be constantly borne in mind that errors in reporting will inevitably result in processing delays which could mean for example that stores may not be received by the required date, or that incorrect personnel information may be sent out from the EDP Branch.

4. Within the Supply System, Catalogue Numbers and Denomination of Quantity (DQ) need close attention. This information is vital to the functioning of the whole system, and where any doubt exists, the Catalogue of Stores, ABR 5074, should be consulted. This applies specifically in respect of demands for items in Group Class 'FORMS', which at the present time contain an unacceptable proportion of incorrect Catalogue Numbers and DQs.

5. Reporting to date within the Personnel System indicates that errors of Personnel Number and Surname are the most significant and this points to the possibility



of incorrect personnel records in ships and establishments. These should be adjusted, as necessary, on receipt of advice from the EDP Centre of the correct Personal Number and Name.

6. Whilst responsibility for correct and accurate reporting rests primarily on the Captains of ships and establishments, it is intended to conduct short courses from time to time in order to instruct and assist Supply Officers and Senior Sailors in the more complex aspects of their reporting task.

(AS (EDP) 178/1/146)

## RESTRICTED

### 387—Signals—Operational Brevity Codes

(DCI (GEN) 19/1968)

1. The Operational Brevity Codes contained in Allied Communication Publication 165 (B) are standardised abbreviations designed for brevity and speed of transmission. They provide no security and are not to be confused with code words used for specific operations, plans or exercises.

2. These codes include sufficient words to satisfy all presently known allied and joint requirements. There should, therefore, be no need for forces in the field to improvise non-standard codes for their own use.

3. Any recommendations for deletions, alterations and changes to the codes in ACP 165 (B) should be forwarded through normal channels to Navy Office.

(D of C 77/201/84)

## UNCLASSIFIED

### 388—Warships of the Royal Navy and of Other Navies—Charges for Supplies and Services

Navy Order 325 of 1966 is to be amended as follows:

#### Paragraph 4 (f):

Delete the existing final sentence and insert the following in lieu:

'Charges for local telephone calls (including STD calls) are to be accepted as an RAN liability; other calls are the liability of the visiting ship.'

(DNA 201/251/10)

(Navy Order 325 of 1966)

## Section 2 PERSONNEL

## UNCLASSIFIED

### 389—Child Allowance

1. The provisions governing payment of Child Allowance as shown in NPI 105/302 and as amended by Navy Order 261 of 1968 are further amended by the deletion of the provisions of Paragraph 2 of NPI 105/302.

2. NPI 105/302 will be amended in due course.

(HPB 253/40/155)

(Navy Order 261 of 1968)

## UNCLASSIFIED

### 390—Conditions for Training of Malaysian Service Personnel Under the Australian Aid to Malaysia Programme

#### Training of Malaysian Service Personnel

1. This order details terms and conditions which are to be applied to Malaysian Service Personnel training in RAN ships and establishments under the Australian Aid to Malaysia Programme.

#### Training Authority

2. All requests for training of Malaysian Service Personnel under this Programme should be forwarded through the Australian High Commission, Malaysia, to the Department of Defence, Canberra, which will consult this Department on the request received. Advice of details of training approved, periods involved, etc, will be forwarded from Navy Office to the Administrative Authorities and ships or establishments concerned.

#### Payments by Malaysian Government

3. Basic pay of trainees will remain the responsibility of the Malaysian Government and will be paid direct to trainees by that Government. Payments to trainees by the Malaysian Government will also include any entitlements which may result from payments by the Commonwealth of allowances referred to in Paragraphs 5 to 7 hereunder. Inquiries by trainees of their entitlements, claims, etc, should be directed to the Malaysian High Commission, Canberra.

#### Fares

4. a. Air fares to and from Australia will be paid by the Australian Government. All trainees of commissioned rank are eligible to travel first class. All trainees below commissioned rank should travel tourist class. These arrangements may be varied where necessary (for example, where officers are booked on the same flight as other ranks, or where accommodation in the authorised class cannot be obtained).
- b. Within Australia travel is normally by road or rail at the expense of the Australian Government. Officers have a first class travel entitlement; other trainees a second class travel entitlement.

#### Living Allowance

5. An allowance of \$1.00 per day based on information furnished in accordance with Paragraph 18 below will be paid to the Malaysian Government in respect of trainees whilst they are living in ships or establishments, or whilst living out in hotel type accommodation in circumstances shown in Paragraph 11 b. below. Where trainees spend leave or live out for a period in other circumstances in non-service accommodation, the living allowance payable to the Malaysian Government will be increased to \$4.38 per day.

#### Movement Allowance

6. If a trainee remains in one ship or shore establishment for longer than three months, this ship or establishment will be regarded as his 'base'. While at the 'base', only the living allowance of \$1.00 per day outlined in Paragraph 5 above will be payable to the Malaysian Government. When a trainee spends less than three months attached to any particular ship or establishment a movement allowance of \$1.20 per day for the period of this attachment will be paid to the Malaysian Government. Where, as part of his training programme, the trainee leaves his 'base' to visit another ship or service establishment the movement allowance of \$1.20 per day will be paid

for the period of his absence from his 'base'. Movement allowance, which will be based on information furnished in accordance with Paragraph 18, is payable in addition to the living allowance referred to in Paragraph 5 above.

#### Clothing Allowance

7. A clothing allowance of \$40.00 will be paid to the Malaysian Government in respect of each trainee undergoing training in a ship or service establishment. This allowance is payable for the purpose of supplementing the normal kit provided by the Malaysian Government which will make necessary adjustment to the scale of clothing issued before the trainee departs for Australia.

#### Travel Warrants

8. Trainees may be granted travel warrants up to the value of \$50.00 per year for unofficial travel, eg, travel on week-end leave. *See also* Paragraph 17 b. below.

#### Baggage Allowance

9. a. Malaysian Service Personnel travelling to and from Australia for training are entitled to the following excess baggage allowances:

22 lb when travelling to Australia,  
33 lb when travelling from Australia.

This applies whether they travel first class or tourist class—ie, trainees who travel first class will have a larger total baggage entitlement than will those who travel tourist class.

b. Trainees travelling within Australia (other than at their arrival or departure) will not receive any baggage allowance.

#### Tuition Fees

10. Where training is in the nature of a technical course, instructional costs of \$12.50 per week are to be applied. No charge for 'on the job' training will be made. Assessment of the amount to be charged will be effected in Navy Office on the basis of information supplied in Paragraph 18.

#### Victualling and Accommodation

11. a. The victualling and accommodation charges where a trainee lives-in in a ship or service establishment is \$3.50 per day.

b. Where trainees are required to live out in hotel type accommodation as an essential part of a Service course of training (ie, as distinct from during leave or for other reasons as covered in Paragraph 5 above) in an area where Service accommodation is not available, the provision of reasonable accommodation and meals may be accepted and the cost taken as a charge against Departmental funds, and adjustment will be effected in Navy Office against the Defence Aid to Malaysia Programme, from information furnished in accordance with Paragraph 18.

#### Medical Clearances

12. Trainees are required to undergo a Medical and X-Ray examination prior to their departure for Australia. Further details should be obtained from the Australian High Commission, Malaysia.

#### Medical and Dental

13. a. Medical—In the event of illness a trainee may be treated by the Medical Officer and if necessary admitted to hospital.

b. General dental maintenance work should not be carried out but emergency dental treatment may be given.

#### Leave

14. a. Recreation leave is not granted during a trainees stay in Australia, other than where the routine of the ship or establishment in which he is training makes it necessary to grant him such leave.

b. Requests for special leave recommended by the Commanding Officer of the ship or establishment will be submitted by the trainee direct to the High Commission for Malaysia in Canberra. Written approval in reply will constitute the necessary authority for such leave.

c. Leave has been granted in the past for certain Malaysian religious observance days and public holidays. However, on advice received from the High Commissioner for Malaysia, Canberra, trainees are entitled only to those Australian holidays normally granted by the ship or establishment in which they are undergoing courses of training.

#### English

15. All trainees attending courses must be able to speak good English.

#### Discipline

16. Malaysian Services Personnel undergoing training in RAN ships and establishments under the Australian Aid to Malaysia Programme have been formally attached to the Royal Australian Navy by order of the Naval Board made under the Defence (Visiting Forces) Act 1963. The effect of this order is to place Malaysian Personnel training with the RAN outside Malaysia in any RAN ship or establishment under the Captain of that ship or establishment for disciplinary purposes to be dealt with as if they were RAN officers or sailors. This includes both trial by court-martial and summary trial.

#### Accounting Instruction

17. a. Medical and dental treatment of a minor nature will be provided without charge. Where expenditure is incurred in respect of medical and emergency dental treatment, such expenditure is to be treated initially as a normal charge to Departmental funds as in the case of RAN personnel. Adjustment of this expenditure and any additional costs which can be ascertained, eg, service hospitalisation, against the Defence Aid to Malaysia Programme, will be effected in Navy Office from information furnished in accordance with Paragraph 18.

b. Travel warrants issued for leave purposes (*see* Paragraph 8) and for movement between establishments or oversea (including excess baggage) are to be endorsed 'Payable By Director of Navy Accounts, Melbourne, as a charge to the Defence Aid to Malaysia Programme'. ABR 5018 (Navy Accounts Manual) Article 202 should be notated accordingly.

#### Annex Pro Forma

18. In order to arrange adjustment of allowances with the Malaysian Government and to effect recovery of expenditure incurred, the pro forma as shown in the Annex to this order is to be forwarded by Supply Officers in duplicate to the director of Navy Accounts not later than the fifteenth day of each month in respect of each trainee borne for training during the previous month. Adequate details should be furnished to enable claims to be established and copies of Forms AS 22/NA4 and/or supporting documents attached. Nil returns are not required.

ANNEX

Pro forma

Department of the Navy  
Malaysian Aid Programme

For Director of Navy Accounts,  
Navy Office,  
MELBOURNE.

HMAS..... Month.....

Name.....

Rank.....

a. (1) Living Allowance (lower rate)—Assessment of Entitlement:

Period: From	to	Days at	\$
From	to	Days at	
Total .. .. .			_____

(2) Living Allowance (higher rate)—Assessment of Entitlement:

Period: From	to	Days at	\$
From	to	Days at	
Total .. .. .			_____

Details.....  
.....  
.....

b. Movements Allowance—Assessment of Entitlement:

Period: From	to	Days at	\$
From	to	Days at	
Total .. .. .			_____

Details.....  
.....  
.....

c. Travel Warrants (Up to \$50.00 per year):

Date of Issue	Details of travel	Value
		\$
.....	.....	
.....	.....	
.....	.....	

d. Medical and Dental Treatment:

Naval Hospital	From	to	Days at	\$
Other Hospital	From	to	Days at	
Amounts paid to civilian doctors .. .. .				_____
Amounts paid to civilian dentists .. .. .				_____
Total .. .. .				_____

Details.....  
.....  
.....

e. Victualling and accommodation in.....  
Mess (not to include periods for which Living Out Allowance payable while living out on duty, leave, etc):

From	to	Days at	\$
------	----	---------	----

f. Other Charges, eg, fares, excess baggage (give details):

.....  
.....  
.....

g. Hotel type accommodation and meals vide Paragraph 11 b. in

.....  
.....at.....  
necessitated by.....

From	to	Days at	\$
------	----	---------	----

Summary of Above

\$

- a. ....
- b. ....
- c. ....
- d. ....
- e. ....
- f. ....
- g. ....

Grand Total

Tuition:

Type of Course:

Period actually under tuition:

From.....to.....

(HPB 311/201/241)

UNCLASSIFIED

391—Household Effects and Baggage of Naval Personnel Returning From Overseas—Customs and Quarantine Clearance

1. There have been cases recently of serious delays occurring in the clearance and final delivery of household effects and baggage of personnel returning from overseas. Investigations have disclosed that, in some instances, these delays have been brought about through ignorance on the part of Naval Personnel of the procedures involved in arranging customs and quarantine clearance, and of the steps which they should take to assist in the handling of their effects. Action is to be taken, therefore, to ensure that, prior to departure from overseas, Naval personnel are informed of the regulations regarding Australian Customs and Excise Quarantine.

2. A summary of the procedures to be followed in Australia in regard to Customs and Quarantine clearance is promulgated hereunder for guidance.

Effects Carried as Accompanied Baggage

3. Where a member is arriving in Australia from an overseas posting and his effects are carried as accompanied baggage on the same aircraft or ship, he will be expected to attend personally to customs and quarantine formalities on arrival. It is in the members own interest to prepare an inventory of all accompanied baggage and to have this and keys to locked baggage readily available to facilitate clearance through Customs. Transport and other assistance will be provided by the Naval Authority at the port of disembarkation.

Effects Shipped Separately or Carried as Freight in the Ship in which the Member and/or His Family are Travelling

4. In all cases where the effects are to be shipped separately, or carried as freight by the same vessel on which the member and/or his family will travel, the member should submit an application for removal in accordance with NPI 231/24, as soon as practicable after receiving notice of posting. Inventories, with all items to be moved individually listed and valued, are to be prepared at the same time with particular attention being paid to the following:

- a. If more than one delivery point (eg, a combination of storage and residence deliveries) is involved separate inventories are to be provided.
- b. Goods likely to attract payment of import duty or which may be subject to some form of restriction by customs should be packed in crates and baggage clearly identifiable from the inventory.

It is the members responsibility to ensure that his effects do not include goods which fall within the category of hazardous or prohibited imports.

5. On arrival in Australia a member will be required to complete a Statutory Declaration for customs and quarantine purposes. A copy of the form of Declaration is attached as the Annex to this order.

6. The following removal procedures apply in Australia:

- a. If the member is in Australia and has completed the Statutory Declaration and provided keys for locked baggage, the Department of Supply will arrange clearance of the effects and remove the goods from the wharf to the place nominated.
- b. If the consignment precedes the members arrival, the Department of Supply will pay shipping company and wharfage charges and have the goods placed in bond store. After the member has arrived in Australia and completed the Statutory Declaration the Department of Supply will clear the effects from bond and arrange delivery to the place nominated.

ANNEX

STATUTORY DECLARATION

(1) Here insert name, address and occupation of person making the declaration. I, (1) do solemnly and sincerely declare:

(2) Here insert name of ship or aircraft. That I travelled as a passenger by (2) to the Commonwealth (accompanied by my wife and children), landing at on

That the packages marked which arrived in Australia per reported contain only:

- (a) Personal effects previously in my/our possession valued at approximately \$ and which are imported for my/our own use, and are not intended for gift, sale, exchange or trade. (b) Household effects which have been in my/our actual use for at least one year, valued at approximately \$.

(3) Delete this statement if inapplicable. That I/We (3) have not previously imported household effects into Australia, or

(4) Delete this statement if inapplicable. (4) have previously imported household effects into Australia to the value of \$.

That I/We have not imported in the aforesaid packages any of the goods listed on the back hereof, except those goods shown hereunder:

And I make this solemn declaration by virtue of the Statutory Declarations Act 1959, and subject to the penalties provided by that Act for the making of false statements in Statutory Declarations, conscientiously believing the statements contained in this declaration to be true in every particular.

(5) Signature of person making the declaration. Declared at the day of 19, before me

(6) Signature of person before whom the declaration is made.

(7) Here insert title of person before whom the declaration is made.

Note: Any person who wilfully makes a false statement in a Statutory Declaration is guilty of an indictable offence, and is liable to imprisonment with or without hard labour for four years.

LIST REFERRED TO ON DECLARATION FACE

- (1) Goods which are being landed for any other person; (2) Fur apparel, excluding apparel trimmed with fur; (3) Cigarettes, cigars and tobacco; (4) Spirituous liquors; (5) Machinery, plant or equipment; (6) Cinematograph (movie) films; (7) Firearms or other dangerous weapons, including air pistols, spring bladed knives, daggers, bludgeons, coshes, knuckle dusters, and swordsticks; (8) Narcotic drugs; (9) Essences of wine or essences of spirituous liquors; (10) Saddles, bridles, horse rugs, or horse brushes; (11) Animals or animal products (including meats, salami, sausage, cheese, skins, wool, hair, horns, hoofs, bones, dried blood, and feathers); (12) Germ cultures, microbes, viruses, vaccines, or bacterial cultures; (13) Insects at any stage of development; (14) Plants, parts of plants, fruits or seeds; (15) English Bank notes.

(HPB 187/1/240)

UNCLASSIFIED

392—Services Canteens Trust Fund—Education Awards—1969

1. Applications for Education Awards for 1969 from the Services Canteens Trust Fund are now being invited by the trustees of the Fund. Applications close on 15 October 1968.

2. The Awards for children coming within the Education Scheme of the trustees range up to \$300 depending on the course taken and the family circumstances.

3. Due to the limited funds available, Education Awards are granted only to eligible persons when the Adjusted Family Income is not more than:

- a. \$1,100 in cases of orphans and where there are exceptional circumstances, such as the student having to live away from home to attend school, children of Social Service pensioners and children in separated, divorced or deserted families; and b. \$900 in other cases.

The Adjusted Family Income is calculated by taking the Gross Income of the family and deducting 10 per cent of that income for each dependant where the Gross Income does not exceed \$2,400 and \$240 for each dependant if the Gross Income exceeds \$2,400.

4. Those who are eligible for Education Awards are the children of men and women who served in the Australian Armed Forces between 3 September 1939 and 30 June 1947, and who during 1969 will be 15 years or over and in the case of orphans or for exceptional circumstances 14 years or over. Orphans who are not eligible for

Repatriation Department education allowances and who received Education Awards in 1968 and who turn 13 years in 1969 will be considered for Education Awards for 1969 also.

5. Education Awards are provided primarily for secondary education but may be granted also for some tertiary and semi-tertiary courses in special circumstances.

*Note:* Post-graduate Scholarships, Higher Training Education Awards and Education Awards for children receiving an education allowance from the Repatriation Department which have been provided in previous years have now been discontinued due to shortage of funds.

6. Applications for awards for 1969 should be lodged with the Regional Secretary of the Services Canteens Trust Fund in the State of residence of the parent before 15 October 1968.

7. The addresses of Regional Secretaries are:

<i>Queensland:</i>	<i>New South Wales:</i>	<i>Victoria:</i>
Victoria Barracks, BRISBANE 4000.	Box 3847, GPO, SYDNEY 2001.	Victoria Barracks, MELBOURNE 3000.
<i>South Australia:</i>	<i>Western Australia:</i>	<i>Tasmania:</i>
22 Grenfell Street, ADELAIDE 5000.	Swan Barracks, PERTH 6000.	Angelsea Barracks, HOBART 7000.
	<i>Australian Capital Territory:</i>	
	15 Bremer Street, MANUKA 2603.	

8. This order will be reprinted for posting on notice boards.

9. Navy Order 442 of 1967 is hereby cancelled.

(DNES 134/1/9)

(Navy Order 442 of 1967)

UNCLASSIFIED

### 393—Travelling Allowance—Members on Long and Intermediate Term Duty Oversea

1. All rates of Travelling Allowance and conditions relating to members on long or intermediate term duty overseas who travel on duty and are required to stay away from the post overnight have been reviewed. The resultant rates and conditions have been consolidated in this order.

2. The rates and conditions of Travelling Allowance previously approved for travel within the overseas country for members of the Australian contingent of the Strategic Reserve in Malaysia and Singapore and the Australian Force in South Vietnam are not varied.

3. Rates, provisions and conditions are varied by the introduction of the following:

- a. Travelling Allowances are subject to review where the member has stayed in the one area for a continuous period in excess of 28 days.

- b. An appropriate rate of Travelling Allowance may be determined by the authority specified in Paragraph c. b. of the Annex to this order where a member is required to live out but is not required to meet hotel type accommodation and meal costs or where a member can demonstrate that the normal rates of Travelling Allowance payable in respect of the entire period of temporary duty are insufficient to cover expenses reasonably incurred.
- c. The normal rates and conditions as set out in this order are applicable to members of the Australian contingent of the Strategic Reserve in Malaysia and Singapore and the Australian Force in South Vietnam returning to Australia on temporary duty.
- d. Normal rates and conditions as set out in this order will apply to members attending the Wellington Staff College.
- e. Normal rates of Travelling Allowance for all countries for members who are required to live out away from the post overnight are listed in Tables A, B and C as appropriate in the Annex to this order. Rates for Travelling Allowances for the following overseas countries are applicable with effect from the dates indicated:
  - (1) With effect from 1 January 1967—Malta; Philippines and Other Countries;
  - (2) With effect from 10 April 1967—United Kingdom;
  - (3) With effect from 30 June 1967—Indonesia;
  - (4) With effect from 25 August 1967—Singapore;
  - (5) With effect from 28 September 1967—France;
  - (6) With effect from 10 October 1967—Eire and Yugoslavia;
  - (7) With effect from 8 February 1968—Ghana, Israel, Lebanon and Nigeria; and
  - (8) With effect from 20 February 1968—Greece.
- f. The variations introduced by this order with the exception of variations in rates indicated in e. above are applicable from 13 April 1967.
- g. Instruction 105/315 of the Naval Pay Instructions should be noted pending amendment.

### ANNEX

#### TRAVELLING ALLOWANCE—MEMBERS ON LONG AND INTERMEDIATE TERM DUTY OVERSEA

##### A. Duty Outside Country of Posting

1. When a member on a long or intermediate term posting is on duty away from the post overnight and outside the country of posting and is required to live-out, all the provisions pertaining to short term duty overseas in that other country are applicable.

2. When a member returns to Australia on short term duty and is required to live-in or live-out, he is entitled to payment of the appropriate Travelling Allowance on the basis and at the daily rate applied to travel within Australia. Subject to prior approval from Navy Office, inescapable continuing expenses at the overseas post, eg, servants wages and rental may be reimbursed to an unmarried member or to a married member whose family accompany him back to Australia.

3. When a married member returns to Australia on short term duty but his family continue to reside in the overseas country during his period of short term duty, he may continue to be paid normal allowances.

### B. Duty Within Country of Posting

When a member on long or intermediate term posting is on duty away from the post overnight, but within the country of posting and is required to live-out, the following provisions shall apply:

- a. Where travel is by sea, appropriate rates of Travelling or Shipboard Allowances are calculated from the time the ship is scheduled to depart from the point of embarkation to the actual time of return to the point of disembarkation.
- b. Where travel is by air, appropriate rates of Travelling or Shipboard Allowances are calculated from the time the conveyances provided by the airways for transport of passengers to the aerodrome is scheduled to depart from the point of embarkation fixed by the company to the actual time of arrival and return to the point of disembarkation.
- c. Daily rated portions of Travelling Allowance shall be calculated as follows:
  - (1) The time of day used for the purpose shall be the standard time and date at the places of departure and destination respectively, to the nearest hour. Any broken portion of an hour being less than one half hour will be disregarded and any portion of an hour being half an hour or more will be regarded as one hour.
  - (2) Where the allowance is payable for less than a day the allowance shall be paid at an hourly rate of 1/24th part of the daily rate.
- d. The member is to meet from the Travelling Allowance or Shipboard Allowance personal living and incidental expenses including gratuities for personal services and payments to porters for handling personal luggage associated with the duty oversea.
- e. Shipboard Allowance is payable whilst travelling within the oversea country:
  - (1) where the fare paid covers the cost of sustenance; and
  - (2) where an overnight stop en route is involved and the fare paid covers the cost of accommodation and meals, provided the time of the journey exceeds eight hours.
- f. Where the fare paid does not cover the cost of sustenance or accommodation or both where required, or the time of the journey does not exceed eight hours, the full daily rate of Travelling Allowance appropriate to the destination is payable.

### C. Member Required to Live-out

1. The rate of daily Travelling Allowance is payable according to the members rank and on the basis specified for the country of posting as set out in Tables A, B or C of this order. The following provisions are also applicable:

- a. Where the Travelling Allowance rate is determined as 'all inclusive' the member is to meet all costs for accommodation, meal charges, service charges and incidental expenses from it.
- b. Where the Travelling Allowance rate is determined as 'the cost of accommodation plus a specified amount for meals and incidentals':
  - (1) the Department will meet the cost of accommodation plus any compulsory service charge levied by the hotel. A non-compulsory service charge will not be paid by the Department.

- (2) Where the hotel charges an inclusive rate for normal accommodation and meals or where the tariff is on bed and breakfast basis, the charge may be met from official funds and the daily rate reduced by an appropriate amount for meals. These cases should be submitted to Navy Office for determination.
- c. Where the Travelling Allowance rate is determined as 'the cost of accommodation and meals plus a specified amount for incidentals':
  - (1) the Department will meet the cost of accommodation plus any compulsory service charge levied by the hotel;
  - (2) the daily rated portion will not vary according to the actual costs of meals taken, nor where the meals are not taken;
  - (3) the amount payable by the Department in respect of meals depends on the actual cost of meals taken. If a member does not incur an expenditure on any particular meal, no payment will be made by the Department;
  - (4) where it has been necessary for the member to take full board accommodation and he is required for official reasons to incur expenditure on a meal taken elsewhere, the Department will meet the cost of the meal;
  - (5) wherever possible evidence is to be provided as to the cost to the member of meals taken, normally by receipt; and
  - (6) the cost of the meal to be reimbursed is to be reasonable in the light of local price levels and is not to include any alcoholic liquor.
- d. Where allowances are payable as in the last two preceding sub-paragraphs accommodation is, whenever possible to be arranged by the appropriate Naval Authority in the area and the standard is to be appropriate to the rank of the member and prevailing climatic conditions in the locality.
- e. Where a delegation or party consists of members of different ranks, the rate to be applied to each member is to be the rate appropriate to his rank.

### 2. Where a member:

- a. will stay or has stayed in the one area of duty (eg. city, town, etc) for a continuous period in excess of 28 days; or
- b. other than a member living-in, will not be required to meet hotel type accommodation and meal costs; or
- c. can demonstrate, in respect of the entire period of travel oversea and not only in respect of particular sections of the journey, that the Travelling Allowance payable in accordance with Sub-paragraph a. of this paragraph is insufficient to cover expenses which have been or may be reasonably incurred.

3. The details of the case are to be referred to Navy Office for determination of an appropriate rate of Travelling Allowance. For members posted to the United Kingdom, Europe or North America, advice of the following is required:

- a. the Chief Finance Officer, London, for members posted to the United Kingdom;
- b. the Chief Finance Officer, Geneva, for members posted to Europe; or
- c. the Chief Finance Officer, New York, for members posted to North America.

**D. Married Accompanied Member**

When a member is in receipt of Travelling Allowance is accompanied by his wife and/or family at his own expense and the Travelling Allowance provisions specify reimbursement of the cost of accommodation, reimbursement is to be made on the basis of single accommodation at the standard actually used by the member.

**E. Member Required to Live-in**

1. Where an unmarried member or a married unaccompanied member, who normally lives-out, is required to live-in on temporary duty overnight away from the post, the following conditions will apply:

- a. victuals and accommodation will be provided at Departmental expense;
- b. Oversea Living-Out Allowance less deduction for victuals and accommodation included therein, will be paid for the first 28 days where the lodgings are retained at the post; and
- c. after 28 days or where the lodgings at the post are not retained, the conditions of the next succeeding sub-paragraph will apply.

2. Where an unmarried member or a married unaccompanied member, who normally lives-in is required to live-in on temporary duty overnight away from the post, the following conditions will apply:

- a. victuals and accommodation will be supplied at Departmental expense;
- b. appropriate Oversea Living-In Allowance will be paid;
- c. in North America and United Kingdom, obligatory mess fees will be reimbursed; and
- d. reimbursement of unavoidable continuing expenses at the post, if any, may be determined in Navy Office in terms of Sub-paragraph 2 of Paragraph C of this order.

3. Where a married accompanied member is required to live-in on temporary duty overnight away from the post, the following conditions will apply:

- a. victuals and accommodation will be provided at Departmental expense;
- b. obligatory mess fees will be reimbursed; and
- c. where the member lives-in in a US or Canadian Service establishment (all countries) a Living-In Allowance of \$1.50, US or Canadian as appropriate, is payable.

4. Notwithstanding these provisions, special rates may be approved at Navy Office to meet unusual circumstances.

**F. Rates of Long Term Travelling Allowance Payable Within the Country of Posting****TABLE A**

Country	Currency of Payment	Rates of Payment per day		
		LEUT, LEUT SD or relative rank, Officers of lower rank and sailors	CAPT, CMDR, CMDR SD, or relative rank LCDR, LCDR SD, or relative rank	CDRE or above
Belgium ..	Francs ..	450	500	550
Canada ..	\$ Can ..	18.00	21.00	24.00
UAR Egypt ..	£ Eg ..	5.050	5.800	6.500
Eire ..	£ Irish ..	4.5.0	5.5.0	6.5.0
Greece ..	Drachmae ..	400	500	600
Ghana (b) ..	New Cedis ..	12.00	12.50	13.00
Israel ..	£ Israel ..	46	55	64
Lebanon ..	£ Lebanon ..	31	34	37
Malta ..	£ Stg ..	3.3.0	3.8.0	3.13.0
Netherlands ..	Florins ..	47	52	57
Spain ..	Pesetas ..	600	700	800
Tanzania (b) ..	EA Shgs ..	80	85	90
United Kingdom ..	£ Stg ..	4.5.0	5.10.0	7.0.0
USA ..	\$ US ..	18	21	24
Yugoslavia ..	New Dinars ..	160	185	215

**TABLE B**

Country	Currency of Payment	Rates of Payment per day		
		LEUT, LEUT SD or relative rank, Officers of lower rank and sailors	CAPT, CMDR, CMDR SD, or relative rank, LCDR, LCDR SD, or relative rank	CDRE or above
Austria ..	Schillings ..	145	160	175
Burma ..	Kyats ..	34	38	42
Cambodia ..	Riels ..	610	660	710
Denmark ..	Kroner ..	42	47	52
Fiji ..	£ F ..	2.0.0	2.5.0	2.10.0
Finland ..	F Mks ..	21	23	25
France ..	Francs ..	40	45	50
Germany ..	Marks ..	26	28	30



TABLE B—continued

Country	Currency of Payment	Rates of Payment per day		
		LEUT, LEUT SD or relative rank, Officers of lower rank and sailors	CAPT, CMDR, CMDR SD, or relative rank LCDR, LCDR SD, or relative rank	CDRE or above
India (a) ..	Rupees ..	26	28	30
Italy ..	Lire ..	4,000	4,500	5,000
Japan ..	Yen ..	3,550	3,950	4,300
Kenya ..	EA Shgs ..	35	40	45
Malaysia ..	\$M ..	27	31	36
Mexico ..	Pesos ..	90	100	110
New Caledonia ..	CFP Francs ..	600	650	700
New Zealand ..	\$ NZ ..	5.50	6.00	7.00
Nigeria (b) ..	£ N ..	2.3.0	2.6.0	2.10.0
Philippines ..	Pesos ..	24	26	28
Rhodesia ..	£ Rh ..	2.0.0	2.5.0	2.10.0
Singapore ..	\$ S ..	27	31	36
South Africa ..	Rand ..	3.50	4.00	4.50
South Korea ..	Won ..	1,600	1,700	1,800
South Vietnam ..	Piastres ..	690	750	810
Sweden ..	Kroner ..	35	38	41
Switzerland ..	Francs ..	30	34	40
Thailand ..	Baht ..	125	135	145
Union of Soviet Socialist Republics ..	Roubles ..	7.50	8.00	8.50
Other Countries ..	\$A ..	3.75	4.38	4.38

TABLE C

Country	Currency of Payment	Rates of Payment per day		
		LEUT, LEUT SD or relative rank, Officers of lower rank and sailors	CAPT, CMDR, CMDR SD, or relative rank, LCDR, LCDR SD, or relative rank	CDRE or above
Caribbean Area ..	\$ A ..	2.00	2.00	2.00
Ceylon ..	Rupees ..	7	8	9
Indonesia ..	\$A ..	1.00	1.25	1.50
Laos ..	Kips ..	500	550	600
Pakistan ..	Rupees ..	12	13	14
Taiwan ..	\$ NT ..	60	70	80

2. From the rates specified in the tables in the last preceding paragraph charges will be met by the member as follows:

*Table A* From these rates he will meet all charges for meals, accommodation and incidental costs;

*Table B* From these rates he will meet all charges for meals, and incidental costs. A member in receipt of these rates will be reimbursed reasonable costs incurred for his accommodation or these costs may be paid by the Department; and

*Table C* From these rates he will meet all charges for incidental costs. A member in receipt of these rates will be reimbursed reasonable costs incurred for his accommodation and meals, or these costs may be paid by the Department.

3. In circumstances where accommodation on an all inclusive basis only, is available in India, the cost of accommodation and meals will be met by the Commonwealth and the rates of Rupees 6, Rupees 7.50 and Rupees 9 per day respectively will be applied in lieu of Rupees 26, Rupees 28 and Rupees 30 respectively.

4. Members staying in Government rest houses or Catering Houses will be paid at the rate of cost of accommodation and meals plus the amounts per day specified below:

- Ghana—New Cedis 1.40.
- Nigeria—N 8 Shgs.
- Tanzania—EA Shgs 10.

(HPB 252/4/46)

## Section 4

## EQUIPMENT, STORES AND SERVICING

## UNCLASSIFIED

## 394—Ammunition—Propellant—Landing—Destruction—Reports

(DCI (RN) 344/1968)

1. Propellant of the following lots and sub-lots is due for withdrawal having reached age limits:

Propellant Lots and Sub-lots Affected	Type	Nature of Ammunition, Etc, Which May be Involved
RNC 4695 ..	} SC/Z 008	.. Cartridges: QF 4 in (FA), QF 4.5 in (SL).
RNC 4721 ..		
RNC 4735 ..		
RNC 4752 ..		
RNC 4633 ..	} SC 048	.. Cartridges: QF 4 in (FA)
RNC 4656 ..		
RNC 4684 ..		
RNC 4712 ..		
RNC 4713 ..		
RNC 4726 ..		
RNC 4741 ..		

Propellant Lots and Sub-lots Affected	Type	Nature of Ammunition, Etc, Which May be Involved
RNC 4681 .. ..	SC 140	Cartridges: Impulse Torpedo
RNC 4711 .. ..	SC 103	Cartridges: QF 4.5 in (SL), QF 4 in.
RNC 4725 .. ..		
RNC 4682 .. ..	SC 122	Cartridges: QF 4.5 in (SL)
RNC 4698 .. ..		
RNC 4745 .. ..		
RNC 4736 .. ..	NF 029	Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNC 4691 .. ..	NF 059	Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNC 4720 .. ..		
RNC 4703R .. ..	NF 080	Cartridges: QF 4 in (FA)
RNC 4739 .. ..	NF/S 168-048	Cartridges: QF 4.5 in (SL)
RNC 4685 .. ..	HSCK/T134-055	Cartridges: SQUID, A/S Mortar
RNC 4700 .. ..		
RNC 4701 .. ..		
RNC 4702 .. ..		
RNC 4714 .. ..		
RNC 4716 .. ..		
RNC 4729 .. ..		
RNC 4730 .. ..		
RNC 4731 .. ..		
RNC 4749 .. ..		
RNC 4750 .. ..		
RNP 684 .. ..	SC 061	Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNP 636 .. ..	SC 103	Cartridges: QF 4.5 in (SL), QF 4 in
RNP 637 .. ..		
RNP 667 .. ..		
RNP 683 .. ..		
RNP 634 .. ..	SC 140	Cartridges: Impulse Torpedo
RNP 660 .. ..		
RNP 681 .. ..		
RNP 680 .. ..	SC 150	Cartridges: Impulse Torpedo
RNP 674 .. ..	NF 029	Cartridges: QF 4.5 in (SL)
RNP 675 .. ..		
RNP 692 .. ..		
RNP 648 .. ..	NF 042	Cartridges: QF 4 in, QF 4.5 in (SL)

Propellant Lots and Sub-lots Affected	Type	Nature of Ammunition Etc, Which May be Involved
RNP 643 .. ..	NF 059	Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNP 644 .. ..		
RNP 652 .. ..		
RNP 653 .. ..	NF 070	Cartridges: QF 4 in (FA)
RNP 647 .. ..		
RNP 691 .. ..	NF 080	Cartridges: QF 4 in (FA)
RNP 761R .. ..		
RNP 645 .. ..	NS/S 164-048	Cartridges: QF 4.5 in (SL)
RNP 668 .. ..	NF/S 168-048	Cartridges: QF 4.5 in (SL)
RNP 689 .. ..		
RNP 690 .. ..		
RNP 672 .. ..	NF/S 198-054	Cartridges: QF 4.5 in (SL)
RNP 688 .. ..	HSCK/T134-055	Cartridges: SQUID, A/S Mortar
RNP 2478 .. ..	SUK/X11	Motor Rocket A/C 3 in
RNP 2425 .. ..		
RNP 2432 .. ..		
MEC 156 .. ..	SC103	Cartridges: QF 4.5 in (SL), QF 4 in
MEC 158 .. ..	NF/S/164-048	Cartridges: QF 4 in
VC 4260 .. ..	N/S 164-048	Cartridges: QF 4 in (FA)
VC 4262 .. ..		
VC 4265 .. ..		
VC 4269 .. ..		
VC 4270 .. ..	N/S 164-048	Cartridges: QF 4 in (FA)
VC 4272 .. ..		
VC 4274 .. ..		
VC 4276 .. ..		
VC 4277 .. ..		
VC 4278 .. ..		
VC 4279 .. ..		
VC 4280 .. ..		
BS 20634 .. ..	SUK 17-06	Motors Rocket 2 in flare

2. Action to be taken by HMA ships, establishments and proof ranges

Return to RAN armament depots as early as practicable, if unable to comply within three months from date of this order, report specially to DAS for instructions. NM and ER BR 862 Article 1126, refers.

3. Action to be taken at RAN armament depots

Declare for disposal. Propellant Acceptance lists are to be amended.

## UNCLASSIFIED

**395—Ammunition—Pyrotechnics—Thunderflashes—Introduction of Mark N2 (Large) and Mark N5 (Small)—Withdrawal of Mark 1 (Large) and Mark 4 (Small)—Revision of Uses and Allowances**

(DCI (RN) 553/1965)

1. *Purpose of Order* .. a. To notify all concerned:
- (1) The introduction into service of thunderflashes Mark N2 (large) and Mark N5 (small).
  - (2) The withdrawal from service of thunderflashes Mark 1 (large) and Mark 4 (small).
  - (3) The revised uses and allowances of large and small thunderflashes.
2. *Information* .. b. Thunderflashes, large, Mark 1, will be withdrawn from service and replaced by thunderflashes large, Mark N2. The Mark N2 thunderflash is an improved and more vigorous version of the Mark 1, and, as it incorporates a seven seconds delay, is a safer store to use. Gloves need not be worn when using Mark N2 thunderflashes.
- c. Thunderflashes, small, Mark 4, will be withdrawn from service and replaced by thunderflashes, small, Mark N5. The Mark N5 is an improved design of small thunderflash and, as it incorporates a seven seconds delay, is a safer store to use. Gloves need not be worn when using Mark N5 thunderflashes.
- d. A rubberised cap has been fitted to Mark N2 and Mark N5 in place of the paper tear-off cover as protection against damp and damage to the igniter end.
3. *Uses* .. .. e. The uses of thunderflashes have been reviewed and in future will be as follows:
- (1) *Small* (Mark N5) For use in confined spaces, eg, NBCD ship exercises, for signalling to underwater swimmers and divers.
  - (2) *Large* (Mark N2) For use in open spaces, eg, Seamens Landing Party training on open ground.
- (Note: Large thunderflashes must NOT be used in confined spaces.)
4. *Allowances* .. .. f. The approved allowances of thunderflashes have been revised and will in future be as stated in the Annex to this order.
5. *Action to be taken* .. .. g. By HMA ships and shore establishments:
- (1) Procurement action has been taken to obtain these stores and the thunderflashes as allowed in the Annex are to be drawn from the nearest RAN Armament Depot upon receipt of stocks.

- (2) Any Mark 4 thunderflashes still held when Mark N5 thunderflashes are received are to be returned to the RAN Armament Depot for disposal.
- h. By RAN Armament Depots:
- (1) Demands received as a result of g. (1) above, are to be met as soon as supplies become available. Bulk deliveries are expected to commence in 1968.
  - (2) Separate instructions are being issued regarding the disposal of remaining stocks of thunderflashes Mark 4.
6. *Amendments to Publications* .. i. Proportion Book of NA Stores and Warrants of NA stores will be amended.

ANNEX  
Allowances of Thunderflashes to HMA Ships and Shore Establishments, Etc.

Service	393100 Thunderflashes, Small Mark N5 (Packed with Strikers)		39307411 Thunderflashes Large, Mark N2 (Packed with Strikers)		Remarks
	a b	a c e	a d		
HMA Ships	..	..	..		a. The outfit represents 12 months practice allowance. b. For use in exercises in confined spaces, eg, NBCD exercises. c. For use for signalling to divers and underwater swimmers. d. For use in open spaces on shore only, eg, Seamens Landing Party training. e. When greater audibility range under water is required than is given by thunderflash, small, the use of detonators, etc, is permitted, see BR 155, Part 5, Chapter 42, Article 17. For allowances of detonators and igniters, safety fuze and fuze safety, see CB 4419 (D), Page D 4. f. Will be superseded in due course by minesplash simulators (under development)
Aircraft Carriers	100	300	100	100	
Escort Maintenance Ships	100	300	100	100	
Guided Missile Destroyers	50	300	50	50	
Destroyers	50	300	50	50	
Frigates	..	300	50	50	
Surveying Ships	..	200	..	..	
Minehunting Vessels	..	..	..	..	

(DAS 728/58/158)

UNCLASSIFIED

**396—Medical/Dental Stores—Returns to Army Base Medical and Dental Store Depots**

1. Recent instances have occurred whereby delicate and valuable items of medical/dental equipment, both serviceable, and defective have been returned to BMEDS in an unsatisfactory manner:

2. No attempt had been made to case or pack the defective items (as required by ABR 4, Article 1007) nor did inspection certificates or unserviceable labels accompany the relevant defective equipment (as required by ABR 4, Article 3419 (2)). The rough handling and in-transit damage resulted in costly and unnecessary repair, and in one instance necessitated complete write-off of an entire defective portable X-Ray Unit.

3. To prevent recurrences of this nature, the following precautions are to be observed whenever stores (of any category and whether serviceable or defective) are returned to Store Depots:

- a. It is to be ensured that items are suitably labelled to facilitate checking and are packaged to the extent necessary to ensure safe delivery. Appropriate packing material is to be used if necessary and the packing of fragile articles in the same case as heavy stores is to be avoided.
- b. (Superintending) Store Officers will assist where practicable by providing packing materials, packing cases and/or baskets if suitable items are not already available in the ship or establishment.

4. ABR 4, Article 1002D, is being amended.

(DSAP 1605/201/35)

UNCLASSIFIED

**397—Special-to-contents Cases and Containers**

(DCI (RN) 1517/1967)

1. In view of the high cost and the increasing application of special-to-contents cases and containers it is important that they be used to the maximum extent possible and in order that they may be readily distinguished all such cases, except those which form an integral part of an item or which remain with the item throughout its life (eg cases for binoculars), are in future to be marked as follows:

- Naval Stores
  - Air Stores
  - Machinery and Spares
- } Painted with double yellow bands spaced between 1-in and 2-in apart and branded 'RETURN FOR RE-USE'.
- Armament Stores (except Ammunition Packages)
  - Weapon Equipment
- } Painted with double blue bands spaced between 1-in and 2-in apart and branded 'RETURN FOR RE-USE'.

2. Ammunition packages will continue to be marked with the letters 'NA' as at present, in red for packages containing explosive ammunition, in blue for packages containing non-explosive ammunition or components. Due to the volumes of these items in use, and the fact that return procedures are well established, additional branding is not required.

3. ABR 4, Article 1024, will be amended.

(DSAP 456/51/92)

UNCLASSIFIED

**398—Stores (General) (Group Class 4920)—Aircraft Maintenance and Repair Shop Specialised Equipment—Change of Stock Numbers**

1. The Stock Numbers of the undermentioned items have been changed, as follows:

<i>Old Stock No</i>		<i>Item Name</i>	<i>New Stock No</i>	
<i>Group Class</i>	<i>Catalogue Number</i>		<i>Group Class</i>	<i>Catalogue Number</i>
4920	00-490-7180	Pin, shoulder .. ..	5315	00-328-5885
4920	00-718-6662	Wrench, spanner .. ..	5120	00-044-1426
4920	00-722-3372	Transformer, audio frequency..	5950	00-722-3372
4920	00-994-4681	Cover .. ..	4920	00-629-1728

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 603/54/456)

**RESTRICTED**

ANO's 399-414/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
26 July 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

**FOR OFFICIAL USE ONLY**

18576/68

**RESTRICTED**

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## Section 1

### ADMINISTRATIVE AND GENERAL

UNCLASSIFIED

#### 399—Aircraft Marshalling Signals

1. Aircraft Marshalling Signals adopted recently by SEATO countries as agreed in SEASTAG 3117 are to be used in the RAN.

2. Minor variations and refinements to these signals may be introduced by individual commands to suit local conditions and particular aircraft. Such signals should be promulgated in local orders with a reservation stating that local signals are not applicable to aircraft of other Nationalities and Services.

3. Marshalling Signals are being produced separately for limited distribution in a manner suitable for posting on notice boards. The signals are divided into four sections:

SECTION 1—Marshalling Signals for all aircraft.

SECTION 2—Additional signals for controlling aircraft operating from ships.

SECTION 3—Special Aircraft Marshalling Signals for hovering, VTOL and cushion vehicles.

SECTION 4—Distinctive garment to be worn by Aircraft Marshallers.

4. Navy Order 533 of 1965 is hereby cancelled.

(DNAP 1362/201/17)

(Navy Order 533 of 1965)

## Section 2

### PERSONNEL

UNCLASSIFIED

#### 400—Dental Branch Personnel—Use of Protective Spectacles

1. There is an ever present risk of injury to the eyes of Dental Officers, Dental Hygienists and Dental Mechanics, due to the nature of the work undertaken by them.

2. These personnel are to wear protective spectacles at all times when operating all dental units, lathes or similar appliances.

3. Spectacles, industrial, plain glass, protective, Catalogue No 4240-66-020-2826, are obtainable from BMEDS.

4. When corrective spectacles are prescribed for Dental Officers, Dental Hygienists and Dental Mechanics, arrangements are to be made for lenses of hardened glass to be supplied at public expense. Paragraph 9 of Navy Order 384 of 1967 is relevant.

(MGD 1009/51/24)

(Navy Order 384 of 1967)

## UNCLASSIFIED

**401—Furlough**

1. The following variations to the provisions under which furlough payments may be made are applicable to members serving on or after 17 November 1967, subject to the normal rules.

2. If a members service is terminated due to ill-health which is not the result of causes within the members own control or misconduct, the continuity of his service will not be broken should he return to duty within 12 months after his health is restored sufficiently to enable him to resume duty. The period of absence will not count as service for furlough.

3. Previous service for which a member has received furlough or payment in lieu on retirement at or after reaching his prescribed retiring age may now count towards further eligibility. However, such periods of service appropriate to the furlough granted or paid in lieu will be taken into account in determining his ultimate furlough entitlement.

4. Periods of State or State Authority service may now be counted in full.

5. The limit on furlough which may be granted at any one time remains at 12 months, however, payment in lieu of furlough may now be made in respect of a period in excess of 12 months.

6. When a member dies or is invalided after four years admissible service, but prior to the expiration of his current commission or engagement, payment in lieu of furlough may be made. The restriction requiring him to be able to complete eight years on his current commission or engagement has now been removed.

7. The definition of 'Authority of a State' has been omitted and a new wider alternative provision made. There is also a new provision to admit, as authorities of the Commonwealth, organisations which are not legally authorities of the Commonwealth. Definitions in Naval Financial Regulations will require amendment. Further advice will be forwarded at a later date.

8. The new provisions cannot be implemented until the necessary amendments have been made to Naval Financial Regulations.

9. NPI will be amended in due course.

(HPB 465/201/461)

## UNCLASSIFIED

**402—Postings, Compassionate Leave and Discharge Procedure**

Navy Order 361 of 1966 is to be amended as follows:

**Paragraph 1:**

Delete Sub-paragraph (i) and insert the following:

The present policy of counting service of single or unaccompanied sailors in HMAS MELVILLE as sea service for posting purposes is now discontinued. Service in Clearance Diving Team No 2 will be counted as shore service and service in Clearance Diving Team No 1 and 3 will be counted as sea service. See Part 4 Paragraph 37.

**Part 4 Paragraph 37:**

Add new Sub-paragraph (f):

(f) Service in Clearance Diving Team No 1 and 3.

(HPB 333/3/1)

(Navy Order 361 of 1966)

## Section 4

**EQUIPMENT, STORES AND SERVICING**

## RESTRICTED

**403—Alteration and Addition Item—HMA Ships BANKS and BASS**

The following Alteration and Addition Items are approved to be carried out in HMA Ships BANKS and BASS:

*Class List Item No 10 (Ex TDL '5/64').*

a. *Item:* BANKS: To fit a Chatwood Milner Mark III combination lock to the existing W/T office door and make other minor modifications to the door in accordance with Navy Office Drawing No 231/59 FLY. Length of the lock operating spindle to be adjusted as found necessary.

BASS: To fit a Chubb Mortice Lock, Type No 3 M50 operated by a Chatwood Milner 3 Tumbler Manifoil Lock to the existing door of the W/T office. Length of the lock operating spindle to be adjusted as found necessary. Door and adjacent structure is to be modified such that strength of the door and fittings is comparable to that given in accordance with Navy Office Drawing No 246 B/23.

Weight compensation is not required.

b. *References:* (1) HMAS BANKS Form AS 1182 TDL '5/64' undated, forwarded under cover of NOIC NG Memorandum 20/12 (3) of 11 January 1965.  
(2) Navy Office Letter 1236/251/69 of 25 January 1966 (Notal).  
(3) NOIC NA Memorandum 158/5B of 23 March 1966 (Notal).

(CNTS 1236/251/69)

## RESTRICTED

**404—Alteration and Addition Item—HMA Ships PERTH and BRISBANE**

The following Alteration and Addition Item is approved to be carried out in HMA Ships PERTH and BRISBANE:

*Class List Item No 20 (Ex TDL 'NSAQ').*

a. *Item:* To remove from the ship 1 in No AN/WSA-1 and to resite the remaining AN/WSA-1 in the WDE (Port).

To connect the AN/WSA-1 as an input to both the radar switchboards, and to resite the AN/WSA-1 control panel A38 at the ASW AN/SPA-4C, basically in accordance with Navy Office Sketch 1080/145.

b. Weight variations are to be reported.

(CNTS 1205/258/68)



UNCLASSIFIED

**405—Alteration and Addition Item—HMAS SUPPLY**

The following Alteration and Addition Item is approved to be carried out in HMAS SUPPLY:

*Class List Item No 64 (Ex TDL 'BX')*

- a. *Item:* To convert the after heads and bathroom on 1 deck port into a diving equipment store by removing existing heads, bathroom fittings, internal divisional bulkheads and door and fitting out compartment with diving suit hanging space, work benches with drawers beneath, ten in No cubicles and facilities to incorporate the HP air charging arrangements.
- b. *Reference:* HMAS SUPPLYs Form AS 1182 TDL 'BX' dated 24 November 1967 forwarded under cover of FOCAF Memorandum AF 1212/53/23 dated 2 January 1968.

(CNTS 1246/51/212)

UNCLASSIFIED

**406—Ammunition—Propellant—Landing—Destruction—Reports**

*(DCI (RN) 63/1968)*

1. Propellant of the following lots and sub-lots is due for withdrawal having reached age limits:

<i>Propellant Lots and Sub-lots Affected</i>	<i>Type</i>	<i>Nature of Ammunition Which May be Involved</i>
RNC 4581 ..	SC/Z 008	Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNC 4555 ..	SC 048	Cartridges: QF 4 in (FA)
RNC 4562 ..		
RNC 4577 ..		
RNC 4589 ..		
RNC 4590 ..		
RNC 4603 ..		
RNC 4604 ..		
RNC 5958R ..	SC/Z 024	For Trials purposes only
RNC 4566 ..	SC 103	Cartridges: QF 4.5 in (SL), QF 4 in
RNC 4553 ..	SC 122	Cartridges: QF 4.5 in (SL)
RNC 4586 ..	SC 140	Cartridges: Impulse Torpedo
RNC 4600 ..		
RNC 4570 ..	NF 029	Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNC 4584 ..		
RNC 4615 ..	NF 059	Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNC 5015R ..		
RNC 4559 ..	NF/S 164/048	Cartridges: QF 4 in
RNC 4598 ..		
RNC 5285R ..		
RNC 4571 ..	NF/S 168/048	Cartridges: QF 4.5 in (SL)
RNC 4583 ..		
RNC 4616 ..	NF/S 198/054	Cartridges: QF 4.5 in (SL)

<i>Propellant Lots and Sub-lots Affected</i>	<i>Type</i>	<i>Nature of Ammunition Which May be Involved</i>
RNC 4608 ..	HSCK/T 124/055	Cartridges: QF 2 pdr, A/S Squid
RNC 4567 ..	HSCK/T 134/055	Cartridges: Squid, A/S Mortar
RNC 4568 ..		
RNC 4569 ..		
RNC 4591 ..		
RNC 4605 ..		
RNC 4607 ..		
RNP 542 ..	SC 103	Cartridges: QF 4.5 in (SL), QF 4 in
RNP 567 ..		
RNP 568 ..		
RNP 540 ..	SC 140	Cartridges: Impulse Torpedo
RNP 566 ..		
RNP 550 ..	NF 029	Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNP 557 ..		
RNP 578 ..		
RNP 549 ..	NF 042	Cartridges: QF 4 in, QF 4.5 in (SL)
RNP 558 ..		
RNP 548 ..	NF 059	Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNP 556 ..		
RNP 606 ..	N/S 164/048	Cartridges: QF 4 in (FA)
RNP 561 ..		
RNP 535 ..	N/S 198/054	Cartridges: QF 4.5 in (SL)
RNP 545 ..	NF/S 164/048	Cartridges: QF 4 in
RNP 546 ..		
RNP 553 ..		
RNP 554 ..		
RNP 555 ..		
RNP 576 ..		
RNP 577 ..	NF/S 116/036	Cartridges: QF 4 in (FA)
RNP 547 ..		
RNP 559 ..	NF/S 198/054	Cartridges: QF 4.5 in (SL)
RNP 560 ..		
RNP 573 ..		
RNP 1666R ..	MNF/S 168/048	Cartridges: QF 4.5 in (SL)
RNP 2597R XA ..	SUK/X11	Motor Rocket A/C 3 in
MEC 150 ..	SC 048	Cartridges: QF 4 in (FA)
X 3016 ..	N/S 164/048	Cartridges: QF 4 in (FA)
X 3017 ..		
X 3021 ..		
X 3024 ..		
X 3032 ..		
X 3040 ..		

2. Action to be taken by HMA ships, establishments and proof ranges Return to RAN armament depots as early as practicable, if unable to comply within three months from date of this order, report specially to DAS, NM and ER BR 862, Article 1125 (i), refers.

3. Action to be taken at RAN armament depots Declare for disposal. Propellant Acceptance lists are to be amended.

(DAS 700/62/138)

UNCLASSIFIED

407—Ammunition—Propellant—Landing—Destruction—Reports

(DCI (RN) 541/1967)

1. Propellant of the following lots and sub-lots is due for withdrawal having reached their age limits:

Propellant Lots and Sub-lots Affected	Type	Nature of Ammunition Which may be Involved
RNC 3983 ..	.. SC 061 ..	.. Cartridges: QF 4.5 in, QF 4 in (FA)
RNC 4024 ..	.. } SC 048 ..	.. Cartridges: QF 4 in (FA)
RNC 4042 ..	.. }	
RNC 3997 ..	.. }	
RNC 4011 ..	.. }	
RNC 4023 ..	.. } SC 103 ..	.. Cartridges: QF 4 in, QF 4.5 in (SL)
RNC 4040 ..	.. }	
RNC 4022 ..	.. SC 122 ..	.. Cartridges: QF 4.5 in (SL)
RNC 4010 ..	.. }	
RNC 4021 ..	.. } SC 140 ..	.. Cartridges: Impulse Torpedo
RNC 4039 ..	.. }	
RNC 4009 ..	.. }	
RNC 4037 ..	.. } SC 150 ..	.. Cartridges: QF 4.5 in (SL), Impulse Torpedo
RNC 4001 ..	.. }	
RNC 4017 ..	.. }	
RNC 4034 ..	.. } NF 029 ..	.. Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNC 4048 ..	.. }	
RNC 4066 ..	.. }	
RNC 4002 ..	.. }	
RNC 4003 ..	.. }	
RNC 4015 ..	.. }	
RNC 4016 ..	.. }	
RNC 4032 ..	.. } NF/S 164-048 ..	.. Cartridges: QF 4 in
RNC 4033 ..	.. }	
RNC 4049 ..	.. }	
RNC 4050 ..	.. }	
RNC 4051 ..	.. }	

Propellant Lots and Sub-lots Affected	Type	Nature of Ammunition Which may be Involved
RNP 220 ..	.. }	
RNP 221 ..	.. } SC 103 ..	.. Cartridges: QF 4 in, QF 4.5 in (SL)
RNP 239 ..	.. }	
RNP 238 ..	.. SC 122 ..	.. Cartridges: QF 4.5 in (SL)
RNP 218 ..	.. }	
RNP 237 ..	.. } SC 140 ..	.. Cartridges: Impulse Torpedo
RNP 217 ..	.. }	
RNP 236 ..	.. } SC 150 ..	.. Cartridges: QF 4.5 in (SL), Impulse Torpedo
RNP 193 ..	.. }	
RNP 224 ..	.. }	
RNP 230 ..	.. } NF 042 ..	.. Cartridges: QF 4 in, QF 4.5 in (SL)
RNP 208 ..	.. }	
RNP 225 ..	.. }	
RNP 231 ..	.. }	
RNP 232 ..	.. } NF 059 ..	.. Cartridges: QF 4 in, QF 4.5 in (SL)
RNP 206 ..	.. }	
RNP 207 ..	.. } NF/S 164-048 ..	.. Cartridges: QF 4 in
RNP 211 ..	.. }	
RNP 226 ..	.. } NF/S 168-048 ..	.. Cartridges: QF 4.5 in (SL)
RNP 2445XA ..	.. SUK/X11 ..	.. Motors, Rocket, 3 in A/C
BS 19549 ..	.. }	
BS 20635XB ..	.. } SUK 1.7-0.6 ..	.. Motors, Rocket, 2 in Flare
MEM 179 ..	.. }	
MEM 180 ..	.. }	
MEM 186 ..	.. }	
MEM 187 ..	.. }	
MEM 302 ..	.. } FNHP 022 ..	.. Cartridges: QF 40MM
X 600 ..	.. }	
X 601 ..	.. }	
X 602 ..	.. }	
X 603 ..	.. }	
X 604 ..	.. }	
X 605 ..	.. }	
X 606 ..	.. }	
X 607 ..	.. }	
X 608 ..	.. }	
X 609 ..	.. }	
X 610R ..	.. }	
X 611 ..	.. }	
X 620 ..	.. }	
X 2463 ..	.. }	
X 2468 ..	.. }	
X 3121 ..	.. }	
X 3122 ..	.. }	
X 3123 ..	.. } N/S 164-048 ..	.. Cartridges: QF 4 in (FA)

2. Action to be taken by HMA ships, establishments and proof ranges Return to RAN armament depot as early as practicable, if unable to comply within three months from date of this order, report specially to DAS, NM and ER BR 862, Article 1125 (i), refers.

3. Action to be taken at RAN armament depots Declare for disposal. Propellant Acceptance lists are to be amended.

(DAS 729/51/87)

UNCLASSIFIED

#### 408—Will Not Be Issued

UNCLASSIFIED

#### 409—Officers Mess Traps—Replacement Allowances—1968-69

1. Consequent on the revision of prices to be charged for mess gear, details of which have been promulgated, the authorised amounts to which free replacement of consumable items of officers mess traps may be made for the financial year 1968-69 are as follows:

Mess	In Stationary		In Sea-going
	Ships and Establishments	Ships	
	\$	\$	\$
Flag Officer .. .. .	—	492.44	
Commodore or Captain .. .. .	203.56	244.28	
Flag Captain .. .. .	—	128.60	
Commander or Lieutenant-Commander in charge of detached independent command .. .. .	106.48	127.80	
<i>Wardroom</i>			
Mess of one officer .. .. .	31.36	37.64	
Mess of two officers .. .. .	57.28	68.76	
For every officer in excess of two .. .. .	14.52	17.40	

2. All consumable stores drawn against the above allowances are to be valued at the prices shown in the 'Official Memorandum—Fixed Issuing Price List for Mess Gear', dated 1 July 1968.

3. Replacement allowances are to be calculated in accordance with ABR 93, Chapter 22, Paragraph 14.

4. Navy Order 417 of 1967 is hereby cancelled.

(D of V 914/52/120)

(Navy Order 417 of 1967)

UNCLASSIFIED

#### 410—Sailors Mess Utensils—Replacement Allowances—1968-69

1. Consequent on the revision of prices to be charged for mess gear, details of which have been promulgated, free replacement of consumable items of mess utensils will be allowed for Chief Petty Officers, Petty Officers and Seamens Messes in HMA ships and establishments during the financial year 1968-69 up to the following amounts:

	\$
a. Chief Petty Officers and Petty Officers .. .. .	5.96
b. Other sailors .. .. .	3.56
c. WRANS when messes separately .. .. .	5.96
d. Apprentices and Junior Recruits when messes separately .. .. .	3.56

2. All consumable stores drawn against the above allowances are to be valued at the prices shown in the 'Official Memorandum—Fixed Issuing Prices for Mess Gear', dated 1 July 1968.

3. Replacement allowances are to be calculated in accordance with ABR 93, Chapter 22, Paragraph 14.

4. Navy Order 418 of 1967 is hereby cancelled.

(D of V 914/52/120)

(Navy Order 418 of 1967)

UNCLASSIFIED

#### 411—Stores (General) (Group Class 1270)—Aircraft Gunnery Fire Control Components—Change of Stock Numbers

1. The Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
1270	00-318-1398	Cylinder .. .. .	1280	00-318-1398
1270	00-318-1401	Connecting rod .. .. .	1280	00-318-1401
1270	00-319-8927	Screw, external .. .. .	5305	00-638-7881
1270	00-609-8499	Post, spring .. .. .	5310	00-061-9245
1270	00-610-7861	Wire mesh, knit .. .. .	5999	00-702-4890

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812.

(DSAP 400/70/128)

UNCLASSIFIED

#### 412—Stores (General) (Group Class 1450)—Guided Missile Handling and Servicing Equipment—Change of Stock Numbers

1. The Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
1450	00-694-0621	Packing, preformed .. .. .	5330	00-579-3158
1450	00-694-0625	Packing, preformed .. .. .	5330	00-585-6663
1450	00-698-7107	Spring, helical .. .. .	5930	00-312-3412
1450	00-804-1159	Nut, plain, round .. .. .	3110	00-185-6460
1450	00-955-0481	Washer, thrust .. .. .	3120	00-661-3043

## RESTRICTED

413

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2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812.

(DSAP 519/83/4)

### UNCLASSIFIED

#### 413—Stores (General) (Group Class 3950)—Winches, Hoists, Cranes and Derricks—Change of Stock Numbers

1. The Stock Numbers of the undermentioned items have been changed as follows:

<i>Old Stock No</i>		<i>Item Name</i>	<i>New Stock No</i>	
<i>Group Class</i>	<i>Catalogue Number</i>		<i>Group Class</i>	<i>Catalogue Number</i>
3950	00-215-5456	Ball, bearing .. ..	3110	00-100-6186
3950	00-235-4244	Hoist, chain .. ..	3950	00-276-7438
3950	00-235-4245	Hoist, chain .. ..	3950	00-276-7439
3950	00-276-7417	Hoist, chain .. ..	3950	00-889-8743

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 1110/51/154)

### Section 5

#### BOOKS, CORRESPONDENCE, FORMS AND STATIONERY

### UNCLASSIFIED

#### 414—Economy in the Use of Envelopes

1. In an effort to reduce the consumption of envelopes, gummed labels for sealing them were introduced in 1957. Recent consumption figures, however, indicate an excessive increase in the consumption of envelopes and a corresponding decrease in the consumption of gummed labels.

2. All unclassified correspondence which necessitates the use of an envelope but does not require a postage stamp (ie, correspondence between branches and mail to ships and establishments which does not pass through the Post Office) must be sealed in the envelope by placing a gummed label across the flap. The address must be then written on the label instead of the envelope as is customarily done. Envelopes may, however, be used in the normal manner for semi-official correspondence and matter addressed personally to an officer, at the discretion of the sender. Wafer seals are not to be used on envelopes containing unclassified material only.

3. On receipt of an envelope with a gummed label across the flap, the envelope is to be opened by cutting the label instead of tearing the envelope. The envelope is not to be thrown away but retained for further use.

4. The gummed labels are catalogued in ABR 5053 as follows:

7530-66-018-9248 Labels Paper White gummed 4½ in × 3 in.

7530-66-018-9249 Labels Paper White gummed 3½ in × 2½ in.

5. Navy Order 190 of 1966 is hereby cancelled.

(DNAS 462/60/112)

(Navy Order 190 of 1966)

By Authority: A. J. ARTHUR, Commonwealth Government Printer, Canberra

## RESTRICTED

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ANO's 415-429/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
1 August 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

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424	Calibration of Guns by Radio Doppler—Muzzle Velocity Measuring Equipment—Instructions—Use of Results.
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426	Guided Weapons—Seacat—Revised Life of Motors.
427	Stores (General) (Group Class 4310)—Compressors and Vacuum Pumps—Change of Stock Numbers.
428	Stores (General) (Group Class 4935)—Guided Missile Maintenance, Repair and Checkout Specialised Equipment—Change of Stock Numbers.
<b>SECTION 5—BOOKS, CORRESPONDENCE, FORMS AND STATIONERY</b>	
429	Distribution of Magazines, Pamphlets and Amendments to Publications, Etc, During May 1968.

## Section 1 ADMINISTRATIVE AND GENERAL

### RESTRICTED

#### 415—Security Classification—IN CONFIDENCE Markings

Navy Order 475 of 1966 is to be amended as follows:

##### Paragraph 3 (a):

*Delete* the first two lines and insert the following in lieu:

IN CONFIDENCE material whether of a staff, medical or commercial nature is to be endorsed with a suitable rubber stamp at the top and bottom centre portion of each page of the document. Enclosures where applicable should be similarly marked to avoid disclosure of the contents where these may become detached for any reason.

(CEO (GS) 1617/206/67)

(Navy Order 475 of 1966)

Section 2  
PERSONNEL

UNCLASSIFIED

416—Educational Test 1 and Services General Certificate of Education—Scale of Supply of Question Papers

1. Question papers will be forwarded to all ships and establishments in accordance with the scales set out hereunder. It will be necessary for ships to demand papers only when their requirements exceed the scale.

2. SGCE Scale

Group	Ship or Establishment	English	Modern History	Economics	Geography	Chemistry	Navigation	Mathematics I	Mathematics II	Physics	Asian History
1	NIRIMBA	200	20	10	50	20	50	200	200	200	20
2	LEEWIN	50	30	10	30	30	30	50	50	30	10
3	ALBATROSS CERBERUS	20	10	10	10	5	20	20	20	10	10
4	WATSON MELBOURNE STALWART	15	8	8	8	4	15	15	15	8	8
5	SYDNEY Destroyers Frigates Other Shore Est- ablishments	8	6	6	6	4	8	8	8	6	6
6	SUPPLY DIAMANTINA MORESBY Submarines	6	4	4	4	2	6	6	6	4	4
7	ANA Washington All other Ships NSO Vietnam RAN Comm. Det. S'pre	4	2	2	2	2	4	4	4	2	2

3. ETI Scale

Group	Ship or Establishment	Paper I Arithmetic	Paper II English	Paper II English (Examiners Copy)
1	ALBATROSS MELBOURNE WATSON .. .. SYDNEY .. ..	30	30	2
2	Destroyers .. .. Frigates .. .. SUPPLY .. ..			
3	STALWART MORESBY .. .. CRESWELL .. .. KUTTABUL .. .. PENGUIN .. .. NIRIMBA .. ..	20	20	2
4	All other ships and establishments			
5	CERBERUS (all tests) ..	150	150	5
6	LEEWIN (1) February and August .. .. (2) All other tests .. ..	300 200	300 200	10 7

4. Navy Order 457 of 1965 is hereby cancelled.

(HPB 325/54/2)

(Navy Order 457 of 1965)

UNCLASSIFIED

417—Income Tax—Members of the Naval Forces

1. Members of the Royal Australian Navy including Royal Navy personnel serving on loan are liable for payment of Australian Income Tax with the exception that members posted for service in HMAS TARANGAU are liable to pay the rate of taxation applicable to the Territory of Papua and New Guinea whilst they are residents of that area.

2. Returns of income for the year ended 30 June should be forwarded to the Deputy Commissioner of Taxation in the Capital City of the State in which the member enlisted. Members liable for Territory of Papua and New Guinea Tax should forward returns to the Chief Collector of Taxes, Box 50, Post Office, Konedobu, Papua.

3. Information relating to the following aspects of income tax have been included in a revised version of ABR 18—Pay Accounting System Instructions, which will be issued at an early date. Articles 1178 to 1220 are relevant and Article 1631 refers to members of the Citizen Naval Forces and the RAN Emergency Reserve:

**a. Pay and Allowances Subject to Taxation:**

With the exception of the following, all components of pay and allowances are taxable:

- Marriage Allowance
- Provision Allowance
- Separation Allowance
- Living Out Allowance
- Living Away from Home Allowance
- Exchange Supplement
- Overseas Living Allowances.

The total taxable pay shown in Column 1 of taxation group certificates will therefore include credits in respect of components of pay other than those listed above.

**b. Value of Subsistence**

Group certificates will include as taxable income in Column 2 of the certificate under the heading 'Value of Subsistence' an amount calculated at the rate of \$2 for each week of service in the year of income.

**c. Uniform Allowance**

(1) The amount of Uniform Allowance credited to a member will not be included in the taxable earnings shown in Column 1 of the group certificate but where a member includes on his taxation return a claim for uniform maintenance based on actual expenditure he is required to disclose the amount of Uniform Allowance received during the year of income. Once a member chooses to include this item in his return of income, the Taxation Authorities require him to continue to do so in future returns of income.

(2) Uniform Allowance does not include an element for dry cleaning and laundering and a reasonable amount for these services will be allowed as a deduction from taxable income whether the member claims clothing maintenance at (1) above or not.

**d. Lump Sum Payments**

Lump sum payments are subject to income tax as indicated hereunder:

(1) 5 per cent only of the gross amount paid on discharge in respect of the following:

- Gratuities under Naval Pay Instructions.
- Gratuities plus refunds of contributions under the DFRB Act.
- Deferred Pay (including interest) accruing subsequent to 30 June 1947.
- Payment in lieu of furlough, extended leave or other accrued leave entitlement.

(2) The following payments are exempt from income tax:

- Refunds of contributions under the DFRB Act when not accompanied by gratuities.
- Deferred Pay (including interest) accrued to 30 June 1947.

(3) Payments other than on discharge in respect of the following items are taxable in full:

Gratuities under Section 42A of the DFRB Act.

Gratuities under Naval Pay Instructions.

Deferred Pay (including interest) accrued subsequent to 30 June 1947.

**e. Zone Allowances and Overseas Locality Allowances**

Group taxation certificates issued to members who have served during the year of income in specified areas will show the appropriate area, Zone A, Zone B, or Overseas Locality together with the period of service. Deductions from gross taxable income are allowed in accordance with the instructions on the return of income form. It should be noted that a minimum of six months in a zoned area in the year of income is required before a deduction can be claimed, whereas for lesser periods in an overseas locality a proportionate amount of the full allowance may be claimed.

**f. Service in Papua and New Guinea**

(1) Members posted for service in the Territory of Papua and New Guinea are liable from date of arrival in the Territory to pay income tax at the rates applicable to residents of that area. Income received whilst serving in the Territory is exempt from Australian Income Tax.

(2) Liability to PNG taxation ceases on and from the date of leaving the Territory. However, where members proceed on leave on completion of service in the area and are paid in advance the pay and allowance credits during the period of leave are subject to PNG taxation.

(3) Entitlement to concessional allowances for dependants is subject to members being residents of the Territory and as residency ceases on departure from the area the entitlement to claim concessional allowances ceases accordingly. Members who are paid in advance for leave on leaving the Territory are therefore entitled to claim concessional allowances on a proportionate basis to the date of leaving the area only, notwithstanding that pay and allowances credited during the period of leave are subject to taxation as stated in (2) above.

**g. Service in an Exempt Area**

Pay and allowances earned whilst serving in special areas as defined in Section 23AC of the Income Tax Act are exempt from taxation. Group certificates issued to members who qualify for exemption under this section of the Act will show the period of exemption and their earnings during this period will not be included in the taxable earnings shown in Column 1 of the certificate.

4. The following matters relevant to taxation will be included in a future amendment to ABR 18:

**a. Deduction Allowable for Mess Subscriptions**

A deduction may be claimed for compulsory basic mess subscriptions payable to the respective mess committees in respect of charges which are levied on members to defray the purely administrative expenses of the mess.

**b. Uniform Maintenance—Royal Navy Officers**

RN Officers on loan are not credited with uniform allowance as a separate component of pay but the overall pay rates contain an element for the maintenance of uniform.



This element is not included in the gross taxable earnings shown on the taxation group certificates and should not therefore be claimed as a deduction on income tax returns.

Group certificates issued to RN Loan Officers will bear a roneod attachment in the terms of the above and showing the amount which has been deducted from the gross earnings in respect of the element for maintenance of uniform.

**c. Education Allowance**

Although tax instalment deductions are not made from payment of this allowance the total amount paid during the year is shown in Column 3 of taxation group certificates for the following reason:

Where the Commonwealth subsidises a member in respect of education expenses which may be claimable by him as deductions from assessable income, the view is taken by the Commissioner of Taxation that only the excess, if any, of his actual expenses over the amount of Education Allowance received during the year of income qualifies for deduction as being necessarily incurred under Section 82J of the Income Tax Act. Notice of payment of Education Allowance is also required by the Taxation Office for proper consideration of claims for concessional allowances in respect of student children over 16 years of age.

**d. Malaysia and Strategic Reserve Allowances**

These allowances are exempt from taxation only by reason of a special Treasury remission. The law requires, however, that assessments be prepared on the basis of these allowances being, legally, fully subject to taxation. It is necessary, therefore, for the amount of these allowances paid to be shown on taxation group certificates to enable the amount of the remission to be ascertained and other necessary accounting requirements to be fulfilled in accordance with the usual remission procedure.

Details of these allowances will be shown in Column 3 of group certificates and should be extended to the Gross Income column of the income tax return. Members need not complete the calculation of taxation payable as this will be effected by the special remission by the Treasury.

**e. Taxation on DFRB Pensions**

(1) Under Section 82H of the Income Tax Act a taxpayer may claim as a deduction from assessable income amounts paid towards purchase of a pension and life assurance. The maximum amount allowed as a deduction has varied as follows:

<i>Year Ended</i>	<i>Amount</i>
30.6.49	\$200.00
30.6.50	\$300.00
30.6.51	
to	\$400.00
30.6.56	
30.6.57	
to	\$600.00
30.6.59	
30.6.60	
to	\$800.00
30.6.67	
30.6.67	
to	\$1,200.00
30.6.68	

- (2) Where a members annual contributions towards pension and life assurance have exceeded in any year the above amounts he is eligible in accordance with Section 26AA of the Income Tax Act, to have the total of such excess over the years of income taken into account by the Commissioner of Taxation in assessing a portion of this pension which will be exempt from taxation.
- (3) Deferred pay paid to the DFRB fund is also taken into account in addition to the total of the excess annual contributions.
- (4) Exemption from taxation on a portion of the pension is allowed because only part of the purchase price of the pension or life assurance has been allowed as a deduction over the years of income. The total of the excess is known as the 'undeducted purchase price'.
- (5) The annual amount of pension which will be exempt is the amount calculated by dividing the total of the 'undeducted purchase price' by the number of the years of life expectancy of the pensioner at his age of retirement.
- (6) Accordingly, on retirement, members who qualify for a taxation adjustment on their pension may obtain from the Director of Navy Accounts advice of their yearly contributions to the DFRB fund and, if applicable, the amount of deferred pay transferred. Advice regarding the amounts paid for life assurance should be sought from the companies concerned. Application should then be made to the local Deputy Commissioner of Taxation.

**f. Distribution of Group Certificates**

Group certificates for serving members will be forwarded to ships and establishments annually in the month of July. Those for discharged members will be forwarded to their private addresses as recorded in Navy Office.

Should a member lose his group certificate, application should be made to the Director of Navy Accounts for a statement of the details which appeared on the certificate. This statement will be accepted by the taxation authorities in lieu of the lost group certificate.

(DNA 271/52/11)

**UNCLASSIFIED**

**418—Olympic Games 1968—Leave for Competitors and Officials**

1. The following conditions will apply to members of the RAN who are:
  - a. competitors; or
  - b. persons accredited by the Australian Olympic Federation as Games Officials at the Olympic Games in Mexico.
2. Those eligible may be granted leave without pay, and will, as an Act of Grace, be reimbursed for lost pay and normal allowances. This provision will apply in respect of the period for which the member is required to be absent from Australia to enable his participation in the Olympic events. This leave will count as service for all purposes.
3. Any leave additional to that granted under Paragraph 2 may be debited against normal leave entitlements and, where necessary, the member if he so desires may be permitted to anticipate to the necessary extent, leave which will become due during the ensuing year. Where the current leave credit is insufficient and the member does not avail himself of an ensuing credit, leave without pay may be granted.

4. Any leave additional to that specified in Paragraph 2 will not qualify for the Act of Grace payment.

5. Applications for leave under this order should be submitted to the Naval Board accompanied by written advice from the sectional team managers, in the case of competitors, or the Australian Olympic Federation in the case of officials.

(HPB 319/1/37)

#### UNCLASSIFIED

##### 419—RAN Submarine Branch—Sailors—Conditions of Service

Navy Order 321 of 1968 is to be amended as follows:

###### Paragraph 8:

*delete* the following 'subsequent to their initial five year period'.

###### Paragraph 16:

*delete and insert* the following *in lieu*: Where there is an urgent requirement to relieve a crew member by spare crew for such reasons as illness or absence, the Squadron Commander is to nominate and dispatch the relief informing Navy Office by signal. Navy Office will take the necessary posting action. The signal format to be used is contained in ASGI 201.

(DMT 302/201/64)

(Navy Order 321 of 1968)

#### UNCLASSIFIED

##### 420—Short Term Duty Travelling Allowance—Rates and Conditions

1. The rates of Travelling Allowance payable and the conditions governing payment to members proceeding overseas on short term duty have been reviewed and the following is a consolidation of the up to date rates and conditions. NPI 209, etc, will be changed accordingly.

2. Short Term Duty Travelling Allowance is payable to a member who lives out in an overseas country at the rate specified according to his rank and the country visited in Tables A, B or C hereunder.

TABLE A

Country	Currency of Payment	Rates of payment per day		
		LEUT, LEUT (SD) or relative rank, Officers of lower rank and sailors	CAPT, CMDR, CMDR (SD) or relative rank, LCDR, LCDR (SD) or relative rank	CDR and above
Austria .. ..	Schilling ..	425	475	525
Bahrain .. ..	Rupees ..	147	149	151
Belgium .. ..	Francs ..	720	820	920
Canada .. ..	\$ Can ..	23	24.50	28

Country	Currency of Payment	Rates of payment per day		
		LEUT, LEUT (SD) or relative rank, Officers of lower rank and sailors	CAPT, CMDR, CMDR (SD) or relative rank, LCDR, LCDR (SD) or relative rank	CDR and above
Denmark ..	Kroner ..	130	145	160
Eire .. ..	£ Irish ..	5.15.0	7.5.0	9.0.0
Fiji .. ..	£F ..	6.5.0	6.10.0	6.15.0
Finland ..	F (Marks) ..	59	63	67
France .. ..	Francs ..	115	130	150
Germany ..	Marks ..	69	75	81
Ghana .. ..	New Cedis ..	26.50	27.50	28.50
Greece .. ..	Drachmae ..	500	620	750
Hong Kong ..	\$HK ..	107	112	116
Israel .. ..	£Is ..	65	77	92
Italy .. ..	Lire ..	11,500	13,000	15,000
Kenya .. ..	EA Shgs ..	152	161	169
Laos .. ..	Kips ..	9,100	9,400	9,700
Lebanon ..	£Leb ..	66	78	93
Malta .. ..	£Stg ..	7.3.0	7.13.0	8.5.0
Mexico .. ..	Pesos ..	250	275	300
Netherlands ..	Florins ..	65	72	79
New Zealand ..	\$NZ ..	13.50	15.50	17.50
Nigeria ..	£N ..	6.10.0	7.15.0	8.15.0
Pakistan ..	Rupees ..	105	110	120
Philippines ..	Pesos ..	64	67	70
South Africa:				
Johannesburg ..	Rand ..	16.30	17.50	18.80
Elsewhere ..	Rand ..	11.80	12.50	13.20
South Vietnam ..	Piastres ..	3,500	4,000	4,300
Spain .. ..	Pesetas ..	800	950	1,100
Sweden .. ..	Kroner ..	95	105	115
Switzerland ..	Francs ..	95	100	110
Taiwan .. ..	\$NT ..	620	700	780
Tanzania ..	EA Shgs ..	150	158	165
Thailand .. ..	Baht ..	400	460	520
UAR—Egypt ..	£Eg ..	8.550	10.400	12.250
United Kingdom	£Stg ..	5.15.0	7.5.0	9.0.0
United States of America:				
New York and Washington ..	\$US ..	23	26.50	30
Elsewhere ..	\$US ..	23	24.50	28
Yugoslavia ..	New Dinars ..	245	295	335

TABLE B

Country	Currency of Payment	Rates of payment per day		
		LEUT, LEUT (SD) or relative rank, Officers of lower rank and sailors	CAPT, CMDR, CMDR (SD) or relative rank, LCDR, LCDR (SD) or relative rank	CDR and above
Burma .. ..	Kyats ..	50	54	58
Cambodia ..	Riels ..	700	750	800
Ceylon .. ..	Rupees ..	40	43	46
Japan .. ..	Yen ..	4,950	5,350	5,700
Malaysia ..	\$M ..	32	36	40
New Caledonia ..	CFP Francs ..	850	900	950
Singapore ..	\$S ..	32	36	40
South Korea ..	Won ..	2,150	2,250	2,350
Union of Soviet Socialist Republics	Roubles ..	12	13	14

TABLE C

Caribbean area ..	\$A ..	3.50	4.00	4.00
Other Countries ..	\$A ..	2.50	3.75	3.75

3. From the rates specified in the Tables above a member is required to meet costs as follows:

Table A

This rate is determined as an all inclusive rate and from it the member is required to meet all costs for his accommodation, meal charges, service charges and incidental expenses.

Table B

From this rate the member is required to meet all charges for meals and incidental costs. The Department will meet reasonable costs incurred for accommodation plus any compulsory service charge levied by the hotel. If the service charge is not compulsory it will not be paid by the Department. If the hotel charges an inclusive rate for normal accommodation and meals, or if the tariff is on a bed and breakfast basis, the charge may be met from official funds and the daily rate reduced by an appropriate amount for meals. Details of these cases are required to be submitted to Navy Office for assessment.

Table C

From this rate the member is required to meet all charges for incidental costs and the Department will meet reasonable costs incurred for accommodation and meals as follows:

- a. the Department will meet the cost of accommodation plus any compulsory service charge levied by the hotel. If the service charge is not compulsory it will not be paid by the Department;
- b. the daily rated portion will not vary according to the actual costs of meals taken, nor if the meals are not taken;
- c. the amount payable by the Department in respect of meals depends on the actual cost of meals taken. If the member does not incur any expenditure on any particular meal, no payment will be made by the Department;
- d. if it has been necessary for the member to take full board accommodation, and he is required for official reasons to incur expenditure on a meal taken elsewhere, the Department will meet the cost of the meal;
- e. wherever possible, receipts are to be provided in respect of the meals taken by the member in order that the amount to be paid by the Department may be assessed and
- f. the cost of the meal to be reimbursed is to be reasonable in the light of local price levels and is not to include any alcoholic liquor.

4. Where allowances are payable at the rates shown in Tables B and C, wherever possible, accommodation is to be arranged by the appropriate Australian Authority in the area, and the standard is to be appropriate to the rank of the member and the prevailing climatic conditions in the locality.

5. Where a member travels by sea, Shipboard or Short Term Travelling Allowance will be calculated as appropriate from the time the ship is scheduled to depart from the point of embarkation to the actual time of return to the point of disembarkation.

6. Where a member travels by air, Shipboard or Short Term Travelling Allowance will be calculated as appropriate from the time the conveyance provided by the airways for the transport of passengers to the aerodrome is scheduled to depart from the point of embarkation fixed by the company (usually the airways office in the city) to the actual time of arrival and return to the point of disembarkation. In the case of a member who proceeds directly to or from the airport (usually by official car) such a member shall be deemed to have travelled by the ordinary means of transport provided by the airways and the allowance will be calculated accordingly.

7. When calculating the daily rates portion of these allowances:

- a. the time of day used for that purpose will be the standard time and date at the places of departure and destination respectively, to the nearest hour. For this purpose, any broken portion of an hour being less than one half hour, is to be disregarded; and any portion of an hour being half an hour or more is to be regarded as one hour; or
- b. when the allowance is payable for less than a day the allowance shall be paid at an hourly rate of 1/24th part of the daily rate.

8. From Travelling Allowance or Shipboard Allowance the member is required to meet personal living and incidental expenses including gratuities for personal services and payments to porters for handling personal luggage, associated with the duty overseas. The following charges will be borne separately by the Department:

- a. cost of conveyance to and from the overseas locality, and cost of conveyance on official business at that locality;

- b. insurance premium on essential personal effects carried by the member of a value not exceeding \$A400.00;
- c. charges for official telephone calls made at the overseas locality;
- d. charges for necessary health examinations, inoculations and vaccinations;
- e. fees for necessary passports and visas;
- f. compulsory entry or exit visas, or imposts, of overseas authorities or governments and
- g. necessary payments incurred for the handling of official material and documents.

9. Where a delegation or party consists of members of different ranks or where a member is to accompany persons other than Service personnel on a mission overseas, the rate paid to each member will be the rate appropriate to the rank of the posting he is filling.

10. The daily rates shown in Tables A, B and C of Paragraph 2 are designed to meet the particular needs of members on short visits of duty. However, in cases:

- a. where a member, other than a member living-in, will not be required to meet hotel type accommodation and/or meal costs or
- b. where the member can demonstrate that the allowance payable under Paragraph 2 above or 11 below is insufficient to cover expenses which have been or may be reasonably incurred (this demonstration must be in respect of the entire period of travel overseas and not only in respect of particular sections of the journey),

details are to be submitted to Navy Office for assessment of an appropriate rate of Travelling Allowance together where applicable with the recommendations of:

- (1) the Chief Finance Officer, London, for members visiting the United Kingdom and Eire;
- (2) the Chief Finance Officer, New York, for members visiting North America or
- (3) the Chief Finance Officer, Geneva, for members visiting Europe.

11. The rates specified in the Tables in Paragraph 2 are payable in respect of the first 28 days. As a general rule where a member will stay or has stayed in the one area of duty (eg, city, town, etc) for a continuous period in excess of 28 days, long term rates of Travelling Allowance are payable during the period after 28 days. The normal continuity rules as in NPI 200/9 applied in Australia for the payment of Travelling Allowance will be observed, ie, in the event of an absence from the temporary station for a period not exceeding one week during the first 28 days, continuity shall be deemed not to have been broken.

#### Leaders of Delegations

12. Suite accommodation for leaders of delegations visiting overseas countries may be reserved only where the execution of functions of a mission makes the use of a sitting room necessary. The availability of office accommodation at the Post (eg, conference room) should be considered.

13. When suite accommodation is arranged at the locations specified below an allowance of actual cost of accommodation only plus the amount specified per day for meals and incidentals will be paid to the members concerned:

	Location					Rate per day
Cities in Canada	..	..	..	..	..	\$Can16
Geneva	..	..	..	..	..	SF55
Rome	..	..	..	..	..	L7,500
Cities in USA	..	..	..	..	..	\$US16

For other countries for which Type A Travelling Allowance rates have been determined, cases are to be submitted to Navy Office for assessment.

#### Member Required to Live-in

14. Where a member lives-in in a Service Establishment where an Australian contingent is stationed:

- a. victualling and accommodation will be provided at Departmental expense and
- b. an allowance equal to the appropriate rate of Living-in Allowance paid to members of the contingent will be paid.

15. Where a member lives-in in a Service Establishment where an Australian contingent is not stationed:

- a. victualling and accommodation will be provided at Departmental expense;
- b. obligatory mess charges will be reimbursed and
- c. an allowance for incidentals in local currency equal to \$A1.88 per day for the rank of Lieutenant-Commander and above and \$A1.25 per day for other members, will be paid.

Where incidental expenses incurred in particular circumstances exceed these limits the whole or part of the excess expenditure on reasonable costs incurred may be reimbursed subject to the approval of the Naval Board.

#### In North America

16. Where a member lives-in for less than 72 hours, Travelling Allowance will be paid at the appropriate rate shown in the Tables in Paragraph 2.

17. Where a member lives-in for more than 72 hours:

- a. victualling and accommodation will be provided at Departmental expense;
- b. obligatory mess charges will be reimbursed and
- c. a Living-in Allowance of \$US5.00 per day will be paid.

18. Where a member lives-in for more than 72 hours and attends a US Armed Forces Staff College:

- a. victualling and accommodation will be provided at Departmental expense;
- b. obligatory mess charges will be reimbursed and
- c. a Living-in Allowance of \$US5.75 per day will be paid.

#### Members Hospitalised

19. A member in hospital while on short term duty in an overseas country will be paid an allowance at the rate of Living-in Allowance payable in that country for the period of hospitalisation. Hospital and subsistence charges will be met at Departmental expense. If it is considered that reimbursement should be made of any continuing expenses necessarily incurred, details should be submitted to Navy Office for consideration in terms of Paragraph 10.

#### Extension of Tour of Duty

20. Should a members service overseas be extended so that the member will be required to spend more than six months in the country concerned Travelling Allowance at the short term rates under NPI 209 will cease and the member will be paid the appropriate rate of Intermediate or Long Term Duty Living Allowance with effect from the date of notification to the member of the change.

21. Whilst en route to and from Australia, from one overseas country to another, or within an overseas country, allowances are paid to a member on the following basis:

- a. where the fare paid covers the cost of sustenance, Shipboard Allowance is payable;
- b. where the fare does not cover the cost of sustenance, the full daily rate of Short Term Travelling Allowance applicable to the destination is payable;

provided that where an overnight stop en route is involved, if the fare paid covers the cost of accommodation and meals en route, Shipboard Allowance will be paid, but if the fare paid does not cover the cost of either accommodation or meals or both at the stopover point, full Short Term Travelling Allowance will be paid. Up to the time of departure from the place of overnight stop, the rate paid will be the approved rate for that city. Provided further that where the time of the journey does not exceed eight hours, the full daily rate appropriate to the destination will be paid.

22. The provisions of Paragraph 21 generally cover cases where a member is accommodated at the expense of an airline company because of an alteration in the scheduled time of arrival or departure of an aircraft, or when a stopover is necessary to make the required connection for onward flight. In these circumstances the member will be paid Shipboard Allowance. However, if the member necessarily incurs expense for the purchase of a meal not provided by the airline company he may be reimbursed such expense.

23. Occasionally, because time zones or the International Date Line are crossed, the scheduled time of arrival at a destination is earlier than the scheduled time of departure on the journey. In each such case the amount to be deducted from the overall claim will be valued at the rate of Shipboard Allowance per day. The reference in Paragraph 21 to eight hours has no relevance in such cases.

24. Any unusual cases not covered by the above conditions will be considered on submission of full details to Navy Office.

25. NPI 209/1 to 209/4 and 209/7 will be amended in due course.

(HPB 252/7/26)

#### Section 4

#### EQUIPMENT, STORES AND SERVICING

UNCLASSIFIED

##### 421—Alteration and Addition Item—HMAS MELBOURNE

The following Alteration and Addition Item is approved to be carried out in HMAS MELBOURNE:

*Class List Item No 215 (Ex TDL 'EV').*

- a. *Item:* To fit a second control position for the flight deck broadcast system AN/SRC-22 (V) in the aircraft control room.
- b. *Reference:* HMAS MELBOURNEs Form AS 1182 TDL 'EV' dated 4 October 1966, forwarded under cover of FOCAF Memorandum AF 518/1/6 dated 1 November 1966.

(CNTS 1213/52/703)

UNCLASSIFIED

##### 422—Alteration and Addition Item—HMAS PALUMA

The following Alteration and Addition Item is approved to be carried out in HMAS PALUMA:

*Class List Item No 10 (Ex TDL 'N').*

- a. *Item:* To replace existing spare gear stowage racks and resite them on forward and port outboard bulkheads in the director gear compartment between SA magazine and No 2 fresh water tank.
- b. *References:* (1) HMAS PALUMAs Form AS 1182 TDL 'N' dated 11 December 1965, forwarded under cover of FOCAF Memorandum AF 1929/4 dated 21 January 1966.  
(2) Navy Office Letter 1236/58/139 dated 4 April 1966.  
(3) GMGID Letter DN 20/17/353 dated 11 May 1966.  
(4) Navy Office Letter 1236/58/139 dated 28 June 1966.  
(5) GMGID Letter DN 20/17/353 dated 7 November 1966.  
(6) Navy Office Letter 1236/58/139 dated 14 April 1967.

(CNTS 1236/58/139)

UNCLASSIFIED

##### 423—Alteration and Addition Item—HMAS SUPPLY

The following Alteration and Addition Item is approved to be carried out in HMAS SUPPLY:

*Class List Item No 65 (Ex TDL 'BW').*

- a. *Item:* Ships Company Cafeteria: to be fitted with twin stainless steel sinks, hot and cold water to be connected from lines in adjacent scullery compartments—approximately 10 ft. Sink drainage to be connected into that of scullery sink—approximately 10 ft. Sinks to be fitted starboard after corner of cafeteria.
- b. *Reference:* HMAS SUPPLYs Form AS 1182 TDL 'BW' dated 24 November 1967, forwarded under cover of FOCAF Memorandum 1212/53/22 dated 1 December 1967.

(CNTS 1246/51/211)

RESTRICTED

##### 424—Calibration of Guns by Radio Doppler—Muzzle Velocity Measuring Equipment—Instructions—Use of Results

1. Prolonged trials have proved that Radio Doppler MVME is the most accurate means of obtaining muzzle velocities available to the Fleet and where Doppler measurements are available they are to be used in preference to the MV/Wear curve. The second object of these calibrations (but no less important), is to provide the Ministry of Defence (RN) with data from which 4.5 in Mk 5 Gun MV/Wear relationships can be re-assessed and other information affecting Naval gun accuracy obtained. The existing equipment in use is Type 900C Doppler; however, replacement equipment is presently under consideration, including types for permanent installation in ships.

### Present Location, Maintenance and Operation of Equipment

2. One set of Type 900C is held in Sydney under the control of the Inspector of Naval Ordnance (Sydney) and maintained and operated by members of his staff. One set is also held by the Inspector of Naval Ordnance (Melbourne) for use in ships requiring calibrations in the Melbourne area.

### Frequency Calibration

3. Ships fitted with 4.5 in guns are to calibrate:

- a. On commissioning, on completion of a long refit or as early as possible in the workup.
- b. Once per year as convenient—this calibration may be covered by a. during the first year of a two year cycle.

4. Ships fitted with 5/54 in guns:

- a. On completion of long refit and on exchange of barrels.
- b. Every 300 rounds when on the Australia Station.
- c. Continuously, when MV measuring equipment is fitted for service in the ship.

### Requests for Calibration

5. When a calibration is required a signal to this effect is to be sent to the Administrative Officer of the Area in which the calibration is required, giving whenever possible one weeks notice. (In cases of operational necessity it may be possible to provide the equipment within 48 hours.) Where it is possible an Inspecting Officer will visit the ship before a calibration, to arrange details.

6. In the Royal Navy, ships staff are responsible for carrying out Radio Doppler calibrations. Therefore, when serving in the Strategic Reserve, ships of the RAN should include a request for technical assistance in their signals, requesting a calibration.

### Calibration Team

7. This will normally consist of an Inspecting Officer and two civilians. They will embark, align and check the equipment and carry out the calibration.

### Calibration Procedure

8. A three series MV calibration firing is to be conducted for all calibrations consisting of one warmer plus six rounds per gun on each occasion a part of series firing is scheduled.

9. In cases where muzzle velocities measured by this method vary by more than plus or minus 10 ft per second from the MV expected from the Range Tables (MV wear table) ships and authorities are to report by signal to ACNB. This is to apply only to 4.5 Mk 5 Gun Ships.

10. The calibration should be fired at a 10° elevation.

### Embarkation and Disembarkation of Equipment

11. a. The equipment should normally be embarked on the day before the calibration firing. To obviate the necessity for payment of overtime to civilian staff, the ships programme is to be arranged so that equipment can be embarked and disembarked in normal dockyard working hours and that the calibration team will spend a minimum time aboard at sea. With the restricted accommodation available in ships, particularly the DDGs, the ships programme should be planned to enable the calibration team to be landed daily so that sub-standard accommodation such as ACRs computer rooms, etc, are not used by trials teams.

- b. Subject to crange being available for the full time, the equipment can be embarked, aligned and checked in two hours for Type 12 Frigates and four hours for other Classes. The same period is required for disembarkation.
- c. One or two T/R (aerial) units will be bolted to the seatings on the gunhouses, depending on the class of ship being calibrated, as follows:
  - (1) DDGs—One T/R unit on 51 mount and one T/R unit on 52 mount. A mounting bracket is provided for each mounting and is embarked at the same time as the T/R units.
  - (2) Daring Class—One T/R unit on 'B' gunhouse to calibrate 'A' and 'B' guns. A second T/R unit on 'X' gunhouse to calibrate 'X' guns.
  - (3) Battle Class—One T/R unit on 'B' gunhouse to calibrate 'A' and 'B' guns.
  - (4) A/S Frigate (Type 12)—One T/R unit on 'A' gunhouse to calibrate 'A' guns.
- d. The remainder of the equipment will be embarked, and placed on board in the following locations:
  - (1) DDG Class—Under shelter, as near amidships as possible.
  - (2) Daring Class—EMR.
  - (3) A/S Frigate (Type 12)—RMR.
  - (4) Battle Class—Under shelter, as convenient.

In all cases power supplies of 240 or 110 volts 50-60 cps single phase and two way communication with the bridge will be required. The maximum power demand of the equipment is approximately 500 watts.

12. Ships staff are to place three thermometers in the magazine adjacent to cartridges set aside for the calibration. The maximum and minimum temperatures are to be recorded for the 48 hours preceding the calibration and just prior to the shoot. Great care must be taken with these readings as temperature of the charge is possibly the greatest source of error when the MVs are considered.

### Preparations by Ship

13. a. The ship is to initiate the normal action regarding the application for a firing area.
- b. 21 rounds per gun will be required for a full calibration of three series. Shell to be used may be selected from those listed in Paragraph 13. Cartridges are to be all of the same Lot No for all guns calibrated.
- c. Guns are to be prepared as follows before calibration firing:
  - (1) Clean out bore using paraffin.
  - (2) Dry out bore with a clean non-fluffy rag.
  - (3) Soak a clean rag in OM65 so that it is saturated, wrap it round a piasaba brush and pull it through the bore three times.
  - (4) Immediately prior to firing, wrap a clean dry rag round the piasaba and pull through once. Random errors may occur in MVs if guns are not prepared in this manner before calibration firing.
- d. When the calibration team boards the ship for the MV measurement the gunnery officer is to prepare the following information and give it to the team:
  - (1) Propellant Lot No or Powder Index.
  - (2) Shell and Fuze to be used.
  - (3) Max and min Temperatures.
  - (4) Barometer reading at time of shoot.

**Provision of Ammunition**

14. Ammunition allowed for Doppler calibration is in addition to the normal practice allowance:

- a. *Shell*—The following shell are suitable for Doppler calibration:
  - (1) 4.5 in Practice SU (D) Mark N1, N2, N3 and N4 fuzed 230 or PRF 230.
  - (2) HE Mark N3, N10 or N12 fuzed 230, or PRF 230.
  - (3) 5 in Standard Shell.

*Notes:*

- 1. In peace-time for reasons of economy 4.5 in practice SU or SU (D) shell should be used if available. Stocks are retained by armament depots for Doppler calibrations and should be demanded as required in time to allow delivery prior to the calibrations.
- 2. Shell fitted tracer are NEVER to be used for calibrations.
- b. *Charges*—It is important that the entire calibration of a ship (including 'warmer' rounds) be done with one propellant lot. Care should be taken that the charges used for calibration are kept in the stowage for which temperatures have been recorded, until just before firing; ideally, rounds should be brought up one at a time as required.

**Measurement of Guns**

15. The Inspector of Naval Ordnance will arrange for 1 in C of R or Erosion Gauge measurements to be taken before and after calibration. The Inspector of Naval Ordnance will also arrange for measurements to be taken after each series if this is practicable.

16. On receipt of the notification of the result of the calibration, the ships gunnery officer is to enter the results in the Memorandum of Inspection on the page used for recording measurements at 1 in C of R. The date and the average of the mean wear at mid-series (for the three series) and the Gunnery Officers signature should be entered in the appropriate columns and across the remaining columns 'MV by Radio Doppler Calibration + (or —) ft/sec compared with MV from 1 in C of R measurements'.

**Calculation of MVs**

17. MVs will be calculated by the Inspecting Officer from the results obtained by the equipment. Accurate MVs will be passed to the ship, by signal, as soon as possible after the calibration.

**Calibration Reports**

18. This will be compiled by the Inspector of Naval Ordnance, and will be forwarded to Navy Office (for the Chief Inspector of Naval Ordnance), the Flag Officer Commanding Her Majesty's Australian Fleet and the ship.

19. From the ships point of view the most important part of the Calibration Report is the 'Analysis of Calibration', an example of which is shown in the Annex. The mean MVs derived from each series are shown in the observed velocity (OV) column and the mean OV for the whole calibration is computed. The estimated MV at Mid-Series 2 ( $V_m$ ) is shown in the next column. The 'Difference from estimated' velocity is shown in the mean  $OV-V_m$  column. For instance, in the example shown the MV of the Right of 'A' was expected to be 2,406 ft/sec this figure being based on the latest wear measurement. The actual mean MV derived from this Doppler calibration was 2,403 ft/sec the 'difference from estimated' was therefore — 3 ft/sec.

20. MVs obtained are to be applied to individual guns wherever this is possible.

21. Alterations to MV level between calibrations should be allowed for by adjusting the MV obtained at last calibration for 'rounds fired since' in accordance with the difference figure quoted in Section A, Part 1, of the 4.5 in Mk 5 Range Tables and for 5/54 in from American Publications. Before setting on the Fire Control equipment, adjustment should of course be made for 'Sigma' effect obtained from the Range Tables, and for the various other corrections necessary as set out in BR 1898 (10).

22. In cases where an MV calibration is overdue, and a subsequent wear measurement has been taken by the local Inspecting Officer (without a further calibration being made) the following procedure should be used. The Range Table is entered for an MV equivalent to the latest wear measurement and corrected for rounds fired since. After correction for 'Sigma' effect in accordance with the Range Tables, a further correction should be applied, namely, 'difference from estimated' figure obtained at the last calibration.

**ANNEX**

**ANALYSIS OF MV MEASUREMENT OVER WHOLE ARMAMENT**

SHIP..... DATE..... PLACE.....  
 ARMAMENT.....GUNS AND MARK.....TURRETS.....

- $V_m$  = Estimated MV at mid-series in ft/sec.
- $O_v$  = Observed velocity for standard RT conditions in ft/sec.
- S = Standard deviation.

*Note:* This analysis form will also be used for a three series calibration.

Gun	Series	OV	$V_m$	$O_v - V_m$	S	Mean Wear (Mid-Series)	Round No Start and Finish
R of A ..	1 1 only ..	2,396	2,406	-10	10.5	.054	350
	2						
	3						
	Mean						359
L of A ..	1 1 only ..	2,390	2,293	-3	14.8	.050	340
	2						
	3						
	Mean						349
R of B ..	1 1 only ..	2,415	2,418	-3	11.8	.035	250
	2						
	3						
	Mean						259
L of B ..	1 1 only ..	2,399	2,408	-9	12.0	.057	400
	2						
	3						
	Mean						409

## UNCLASSIFIED

**425—Common Range Electrical Test Equipment Used by the Fleet Air Arm—Modifications and Defect Reports**

1. In future, Common Range Electrical Test Equipment (CRETE) used by the Fleet Air Arm is to be modified in accordance with procedures laid down in BR 1917.

2. Modifications to this equipment will not be considered by the Australian Naval Aircraft Modification Committee, nor will they be promulgated in the retrospective Modification Booklet.

3. Defects are to be reported on Form AS 2022 in accordance with the current general service procedure. The Form TA 121 is not to be used for reporting defects in CRETE equipment.

4. Navy Order 371 of 1965 is hereby cancelled.

(ACAE 603/55/1050)

(Navy Order 371 of 1965)

## RESTRICTED

**426—Guided Weapons—Seacat—Revised Life of Motors**

(DCI (RN) 346/1968)

1. *Item* .. .. 860300—Motors K23.
2. *RAN Ships Concerned* .. Those holding Seacat Missiles Mark 1, Model 0.
3. *Background Information* Sealyham motors which are reaching five years old or older may give erratic burning or in extreme cases the motor may burst.
4. *Revised Life* .. .. The lives of Seacat Sealyham Motors K23 will be whichever is the less of:
  - a. a nine year life at 80° F with penalties applied for higher temperatures; or
  - b. a five year life irrespective of penalties. In applying b., motors will be regarded as overage on 31 December of the year of manufacture, eg, missiles with motors of 1963 manufacture are restricted to firing in 1968. If not expended by 31 December 1968 they are to be landed at the first opportunity thereafter.
5. *RAN Armament Depots* Separate instructions regarding disposal of overage motor will be issued. Restriction List, Part 3, will be amended.

(DAS 740/252/1135)

## UNCLASSIFIED

**427—Stores (General) (Group Class 4310)—Compressors and Vacuum Pumps—Change of Stock Numbers**

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
4310	00-420-3157	Ring, piston .. ..	4310	00-131-2905
4310	00-428-4021	Air cleaner, intake .. ..	2940	00-141-9403
4310	00-757-0736	Ring, piston .. ..	4310	00-142-0175
4310	00-788-3628	Bearing, ball .. ..	3110	00-155-6205

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 1109/51/1034)

## UNCLASSIFIED

**428—Stores (General) (Group Class 4935)—Guided Missile Maintenance, Repair and Checkout Specialised Equipment—Change of Stock Numbers**

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
4935	00-020-2929	Waveguide bend .. ..	5985	00-020-2929
4935	00-020-2930	Waveguide bend .. ..	5985	00-020-2930
4935	00-020-6953	Drive, pulley .. ..	4140	00-020-6953
4935	00-020-9768	Impeller fan .. ..	4140	00-020-9768
4935	00-055-0902	Resistor, variable .. ..	5905	00-866-0788
4935	00-055-0903	Resistor, variable .. ..	5905	00-752-3852
4935	00-445-6480	Attenuator .. ..	5985	00-445-6480
4935	00-672-7406	Wrench, E .. ..	5120	00-672-7406
4935	00-739-4111	Spring, paper .. ..	5340	00-739-4111
4935	00-739-4119	Spring, recorder .. ..	4920	00-975-5324
4935	00-756-9681	Motor .. ..	6105	00-756-9681
4935	00-756-9687	Belt .. ..	3030	00-756-9687
4935	00-756-9689	Coupling .. ..	3040	00-756-9689
4935	00-756-9698	Motor .. ..	6105	00-756-9698
4935	00-765-0923	Adaptor, gas .. ..	5120	00-765-0923
4935	00-768-2847	Attenuator .. ..	5985	00-768-2847
4935	00-768-2849	Comb connector .. ..	4920	00-863-6495
4935	00-769-5465	Bushing, gearshaft .. ..	6125	00-769-5465
4935	00-801-7435	Attenuator .. ..	5985	00-801-7435
4935	00-861-4068	Programme .. ..	5985	00-861-4068
4935	00-870-4113	Wheel .. ..	5930	00-870-4113
4935	00-876-7651	Spring, helical .. ..	5340	00-594-0409
4935	00-960-0304	Rubber strip .. ..	9320	00-960-0304
4935	00-962-4745	Capacitor, fixed .. ..	5910	00-752-4172



Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
4935	00-962-5119	Capacitor, fixed .. ..	5910	00-556-1040
4935	00-978-2667	Resistor, variable .. ..	5905	00-978-2667
4935	00-978-9772	Pin .. ..	5305	00-978-9772
4935	00-978-9784	Pin .. ..	5315	00-281-9481
4935	00-978-9812	Adapter .. ..	5120	00-978-9812
4935	00-978-9813	Adapter .. ..	5120	00-978-9813
4935	00-980-7645	Blower assembly .. ..	4450	00-980-7645
4935	00-996-4105	Meter .. ..	6625	00-996-4105
4935	00-996-4106	Meter .. ..	6625	00-996-4106
4935	00-583-1526	Detector, radio .. ..	6625	00-583-1526

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 400/70/123)

### Section 5

#### BOOKS, CORRESPONDENCE, FORMS AND STATIONERY

##### UNCLASSIFIED

#### 429—Distribution of Magazines, Pamphlets and Amendments to Publications, Etc, During May 1968

1. The magazines, pamphlets and amendments to publications, etc, and SC Series contained in the Annex to this order, have been distributed to ships and Services during May 1968.

2. Copies of amendments referred to in the Annex to this order are available for supply to holders of personal copies of Books of Reference and Air Publications in accordance with Article 2517 (6) of ABR 4.

#### ANNEX

##### BR AMENDMENTS

BR No	Change No
BR 125 .. ..	Suppt and New Entries No 8 Feb 1968
BR 125 .. ..	Suppt and New Entries No 9 Mar 1968
BR 971 .. ..	Change No 6
BR 1145 (1) .. ..	Change No 2
BR 1625 .. ..	Change No 3
BR 1647 .. ..	Change No 4
BR 2047B (4) .. ..	Change No 2
BR 2297 (6A) .. ..	Change No 9
BR 2304 .. ..	Change No 8
ABR 5020 .. ..	Change No 6
<i>ABR 5074 Naval Stores:</i>	
Group Class 0245 .. ..	Change No 1
Group Class 0262 .. ..	Change No 1
MBR 8074 .. ..	Suppt No 2 Feb 1968
MBR 8074 .. ..	Suppt No 3 Mar 1968
List Prop Lots .. ..	Amendment List 51

#### BOOKS, MAGAZINES AND PAMPHLETS

Publication	Date
Aeroplane .. ..	14.2.1968
Aeroplane .. ..	6.3.1968
Aeroplane .. ..	13.3.1968
Aeroplane .. ..	20.3.1968
Electrical Design News Vol 13 No 3 ..	March 1968
Electrical Design News .. ..	April 1968
Flight .. ..	7.3.1968
Flight .. ..	14.3.1968
Flight .. ..	21.3.1968
HMSO List of Govt Publications ..	January 1968
International Electronics Vol 14 No 2 ..	April/May 1968
NAMAN Vol 23 .. ..	29.2.1968

#### SIGNAL CORRECTION

ACP No	Change No
ACP 117 Comnav Suppt 1A .. ..	Change 1
ACP 117 Comnav Suppt 1A .. ..	Change 2

#### AMENDMENTS TO AIR PUBLICATIONS

AP No	AL or Leaflet
101A-1104-1 .. ..	AL 9
101A-0600-6 .. ..	AL 50 and 51
101C-0101-1B .. ..	AL 102
112B-0312-1 .. ..	AL 1
112G-0102-1 .. ..	AL 1 and 2
113D-0901-16 .. ..	AL 1
113D-1120-16 .. ..	AL 1
113F-1001-1 .. ..	AL 2
114E-1500-3A (N) .. ..	AL 8
114J-0800-16 Book 1 .. ..	AL 39 and 40
116B-0102-16 .. ..	AL 12
116B-0901-1 .. ..	AL 3
116D-0102-6A Section 2 .. ..	Changes 1, 2, 5 and 7
116D-0102-1A (2nd Edition) .. ..	AL 22
116D-0102-2 .. ..	AL (RAN) 2 (AL 16)-B 9 (AL 15)-B 5 (Alt 1) (AL 17)-B 10 (AL 18)-B 8 (Alt 1 Incp) (AL 21)-B 10 (Alt 1) (AL 22)-A 1 (AL 23)-A 2 (AL 24)-A 3 (AL 25)-B 9 (Alt 1)
116G-0601-1 .. ..	AL 24
116G-0601-6 .. ..	AL 22
109A-0002-1 .. ..	AL 134 and 135

## AMENDMENTS TO AIR PUBLICATIONS—continued

AP No	AL or Leaflet
109A-0001-2	(AL 1143)-B 759
	(AL 1144)-B 665 (Alt 2)
	(AL 1145)-B 760
	(AL 1146)-B 761
	(AL 1147)-B 762
	(AL 1148)-B 763
	(AL 1149)-B 764
	(AL 1138)-B 755
	(AL 1151)-B 766
	(AL 1152)-C 3 (Alt 1)
	(AL 1157)-B 649 (Alt 3)
	(AL 1162)-B 662 (Alt 5)
	(AL 1163)-B 771
	(AL 1165)-B 600 (Alt 2 Incp)
	(AL 1166)-B 723 (Alt 1)
	(AL 1167)-B 748 (Alt 1 Incp)
	(AL 1168)-B 772
	(AL 1169)-B 773
	(AL 1170)-B 774
	(AL 1171)-B 745 (Alt 1)
	(AL 1172)-B 600 (Alt 4)
	(AL 1173)-B 660 (Alt 5)
	(AL 1176)-I 10 with O/L
	(AL 1178)-B 768 (Alt 1 Incp)
	(AL 1180)-B 605 (Alt 2)
	(AL 1164)-I 5 (Alt 3 Incp)
	(AL 1175)-B 776
	(AL 1177)-B 641 (Alt 3 Incp)
	(AL 1179)-B 705 (Alt 1 Incp)
	(AL 1174)-B 775
	(AL 1181)-B 653 (Alt 1)
	(AL 1182)-B 716 (Alt 1)
	(AL 1183)-B 665 (Alt 3)
	(AL 1184)-B 777
	(AL 1185)-B 778
	(AL 1186)-B 779
	(AL 1187)-B 780
	(AL 1188)-B 781
	(AL 1189)-B 782
	(AL 1190)-B 661 (Alt 3)
	(AL 1191)-B 404 (Alt 2)
	(AL 1192)-B 694 (Alt 1)
	(AL 1193)-B 622 (Alt 1)
	(AL 1194)-B 702 (Alt 1)
	(AL 1195)-L 2 (Alt 1 Incp)
	(AL 1196)-B 783
	(AL 1197)-B 784
	(AL 1198)-B 785
	(AL 1199)-B 708 (Alt 1)
	(AL 1200)-B 786

## AMENDMENTS TO AIR PUBLICATIONS—continued

AP No	AL or Leaflet
109A-0001-2	(AL 1201)-B 787
	(AL 1202)-B 788
	(AL 1203)-B 789
	(AL 1204)-B 790
	(AL 1205)-B 791
	(AL 1206)-B 792
	(AL 1207)-N 3
	(AL 1208)-B 662 (Alt 6)
	(AL 1209)-B 793
	(AL 1210)-B 704 (Alt 1 Incp)
	(AL 1212)-B 794
	(AL 1214)-B 711 (Alt 1 Incp)
	(AL 1215)-L 4
	(AL 1216)-B 508 (Alt 1 Incp)
	(AL 1217)-B 795
109B-0102-5	AL 36
119A-0600-1	ALs 87, 88, 89 and 90
	AIL 1/67
AP (N) 1	Note to Holders
AP (N) 140	AL 37
AP (N) 154 (2nd Edition)	AL 5
AP (N) 208	AL 4
AP 830 Vol 2 (2nd Edition)	AL 81
AP 880B Vol 1	AL 57
AP (N) 1023 (8)	AL 12
AP (N) 1025	AL 68
AP (N) 1024 Vol 1	AL 44
AP 1086 (1966) Section 1417	AL 1
AP 1086 (1966) Section 27 HS	AL 2
AP 1086 Book 1 (2nd Edition)	ALs 46, 47 and 48
AP 1182 (N) Vol 1	AL 65
	AILs 2/67, 3/67, 4/67, 5/67, 6/67 and 7/67
AP 1182A (N) Vol 1	AIL 2/67, 3/67 and 4/67
1182 (N) Vol 2	(AL 234)-E 50
	(AL 236)-E 51
	(AL 238)-C 72
	(AL 241)-C 74
	(AL 243)-E 52
	(AL 244)-E 53
1182B (N) Vols 1 and 6	AL 14
1182C (N) Vol 1	ALs 52, 53 and 54
1182C (N) Vol 6	ALs 15 and 16
1182C Vol 4 Part 6 Issue 1	AL 69
1182E (N) Vol 1	AL 38
	AILs 1/68, 2/68, 3/68, 4/68 and 5/68
1182E Vol 2	AL (RAN) 1
	(AL 226)-646
1234 Vol 4 (2nd Edition)	ALs 10 and 11
1275A Vol 1 Section 18	AL 119
1275A Vol 1 Section 20	AIL 1/67

## AMENDMENTS TO AIR PUBLICATIONS—continued

<i>AP No</i>	<i>AL or Leaflet</i>
1275A Vol 1 Section 16	AL 103
1275A Vol 1 Section 21	AL 76
	AIL 1/67
1275A Vol 1 Section 26	AL 62
1275A Vol 1 Section 27	AL 76
1275A Vol 2	(AL 250)-Q 10
1275A Vol 3 Part 1 (N) Book 2	ALs 21 and 22
1275B Vol 1 Section 10	AL 14
1275B Vol 1 Section 16	AIL 1/68
1275B Vol 2	(AL 192)-H 7 (AL 194)-D 25 (Alt 1 Incp)
1275G Vol 1 Part 1 (2nd Edition)	AIL 1/67
1275G Vol 1 Part 2	ALs 42 and 43 AIL 4/67
1275T Vol 2 Part 1	(AL 52)-Z 7 (AL 53)-Z 8 Note for RN Holders (AL 59)-C 11 (Alt 2)
1275T Vol 1 Section 2	AL 11
1275Q Vol 1	AL 27 with O/L
1355C Vol 4 Part 6	AL 8
1538P Vol 6 Parts 2 and 4	ALs 52 and 53
1464D Vol 2 Part 1	AL 3 (No 50)
1469F Vol 5 Part 6 (N) Issue 1	AL 6
1492A Vol 1	AL 124
1492A Vol 2	(AL 59)-B 16 (AL 51)-F 2 (AL 55)-B 13 (AL 56)-B 14
1614F Vol 1 Part 2 and Vol 5 (2nd Edition)	AL 21
1641H Vol 2 Part 3	ALs 73, 74 and 75
1661 Vol 2 Part 1	Leaflet C22
1661B Vol 1 (2nd Edition)	ALs 138, 139, 140, 141, 142 and 143
1661C Vol 1 (2nd Edition)	ALs 105 and 106
1661D Vol 1 (2nd Edition)	ALs 133, 134 and 135
1661E Vol 1 (2nd Edition)	ALs 159, 160, 161 and 162 AILs 1/68 and 2/68
1661F Vol 1	ALs 165 and 169
1661H Vol 1	AL 42
1641P Vol 1 Parts 1 and 3 (2nd Edition)	ALs 32, 33, 35 and 36
1641P Vol 1 Part 2 and Vol 5	ALs 80, 81, 82, 85, 86, 87, 88 and 89
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0701-180-1491 (O1-85SAD-2-6) ..	Interim Man Change No 5 (1/1/68)
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0701-090-4061 (O1-40AVD-2-4) ..	Interim Man Change No 5 (8/2/68)
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0701-180-1520 (O1-85SAD-2-8) ..	Interim Man Change No 5 (1/1/68)
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(D of V 465/57/674)

RESTRICTED

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Registrar

ANO 430/68



# AUSTRALIAN NAVY ORDER

Navy Office, Canberra,  
1 August 1968.

The enclosed order is promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*A. Handau.*

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers in  
Charge of HMA Naval Establishments, and others  
concerned.*

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**Section 2**  
**PERSONNEL**

UNCLASSIFIED

**430—Naval Discipline Act, 1957**

1. The Naval Discipline Act 1957, as modified, applies to the Naval Forces of the Commonwealth by virtue of Section 34 of the Naval Defence Act 1910-1968.

2. The modifications are contained in Regulation 8 of the Naval Forces Regulations and the Schedule thereto, and the Naval Discipline Act as so modified appears as Appendix 1D to Regulations and Instructions for the RAN.

3. In order to bring the Act up to date it is necessary to make further modifications and the opportunity has been taken to consolidate all previous modifications. The consolidated modifications will be contained in a statutory rule which is expected to become law in the near future. The Naval Discipline Act, as modified, will then be re-issued as an amended Appendix 1D to RI. The purpose of this Navy Order is to bring to the notice of all concerned the more important changes which became effective on 11 July 1968.

4. RI will be amended in due course.

**Part 1**

**Modifications to the Act**

a. *Section 42:* This has been amended to make any offence against the law of the Commonwealth (but not the laws of the States or Territories) an offence triable under the Act. The most important effect of this change is to enable offences against the Crimes Act 1914-1966 (Commonwealth) to be tried by Naval tribunals.

b. *Section 43: Insert punishment (fa)—reduction in rank.*

*Delete punishment (k)—disrating.*

Punishments (f), (fa) and (m) do not apply to officers.

Punishments (g) and (h) do not apply to sailors.

With this change the punishment of FINE becomes applicable to both officers and sailors. This amendment also changes the existing instructions relating to punishments for leave breaking offences. (*See Parts 2 to 5 of this Navy Order.*)

c. *Section 45:* This section has been amended to omit the power of a commanding officer to restrict the powers of arrest conferred on members by Section 45.

d. *Section 49:* This section has been amended to allow any commanding officer to try a sailor summarily. At present this is restricted to the commanding officer of the ship or establishment to which the offender belongs either at the time of the commission of the offence or of the trial of the offence.

e. *Section 53:* This section has been amended to omit present Sub-sections (4.) and (5.). The effect of this is that if two officers present at the same place each hold a warrant to convene a court-martial, each may convene a court-martial in his own right. The relative seniority of the officers concerned is of no consequence.

f. *Section 58:* The principles of law with respect to criminal responsibility and liability, the rules as to the admissibility of evidence and the rules as to judicial notice to be observed in proceedings before courts-martial shall be the same as those observed in the Supreme Court of the Australian Capital Territory in its criminal jurisdiction. Amendments to any notes in BR 11 which are affected will be amended shortly.

g. *Section 62:* In future the Judge Advocate shall rule on any question of law or procedure. Such ruling shall be binding on the Court. The expression 'question of law' shall include a submission of 'no case to answer' and any question relating to the admissibility of evidence, joinder of charges and the trial of persons jointly or separately.

h. *Section 79:* This is new and provides that any sentence of a court-martial involving dismissal or dismissal with disgrace is not effective until approved by the Naval Board.

i. *Section 80:* This is also new and provides that where a member is sentenced to detention and also to dismissal, the sentence of dismissal does not take effect until the sentence of detention is served. The purpose of this is to ensure that the offender remains subject to the Naval Discipline Act until completion of the sentence.

j. *Section 111:* This has been amended to make the following persons subject to this Act:

(1) A member of the Permanent Naval Forces at all times.

(2) A member of the Naval Emergency Reserve Forces or of the Citizen Naval Forces while on duty or in uniform. 'Duty' is defined to include the period from the time appointed for him to report or attend at a specified place for any Naval Service that he is required to render until he is released or discharged from that Service.

k. *Section 129 (2.):* At present a sailor who has been convicted by a Civil Court may not be reverted to a lower rank unless he is given the option of being discharged SNLR. This option is being omitted.

l. *Section 131:* This replaces existing Section 131 and empowers the Naval Board or a Flag Officer to appoint an officer to be commanding officer of a group of members for disciplinary purposes. This power is more flexible than the conferring of power on an officer in command of persons or detached service by Section 49 (4) and will be used in circumstances where Section 49 (4) is not suitable.

m. *Section 135:* Public property has been redefined to mean the property of:

(1) The Commonwealth;

(2) A Department of the Commonwealth;

(3) Any part of the Defence Force of the Commonwealth;

(4) A force co-operating with the Defence Force.

Service property has been redefined to include the property of a Service mess, band, canteen or institution.

**Part 2**

**Fine (Punishment No 4A)**

5. A fine may be awarded as a punishment for any offence. Under the Act a fine shall not exceed the amount of 28 days active pay.

6. A fine exceeding the amount of 14 days active pay is a warrant punishment and requires the approval of an officer of Flag Rank or a Commodore.



7. The fine must be expressed as a specified sum of money and not in terms of 'days pay' and the fine need not be in multiples of a days pay. It should be expressed in dollars. The fine may be recovered by deductions from pay over a period not exceeding three months at a rate to be decided by the Commanding Officer. Care should be taken not to extend the period of repayment so that the punitive effect of the fine is lost. If the offender prefers to pay the fine in full at any time, he may do so.

8. A fine is not to be awarded in conjunction with dismissal, detention (unless the detention is intended to be suspended before committal), reduction in rank, second class for conduct, or cells.

9. A fine is not to be awarded to reimburse public funds for loss or damage of property belonging to the Commonwealth, or for theft of property. In the case of loss or damage, provision is made to meet such loss or damage under Naval Financial Regulation 132A (see RI Article 4893), and in the case of theft Section 76 of the Naval Discipline Act applies. In deciding whether the imposition of a fine is appropriate when an order for restitution is made, consideration is to be given to the combined effect of the order and the fine on the sailors fortnightly drawing rate.

10. The award of a fine by warrant automatically breaks a sailors 'Very Good Conduct'.

11. The Executive Officer or an officer not below the rank of Commander may be delegated power to award a fine not exceeding the amount of seven days active pay.

Part 3

Punishment for Leave Breaking Offences

12. Punishment No 11 (Mulct for improper absence) and punishment No 12 (Mulct for drunkenness) are abolished. QR & AI Articles 1978-1983 no longer apply.

13. For the purposes of this part:

- a. 'Leave breaking' means: (1) Absence without leave; or (2) improperly leaving ship or place of duty;
b. 'aggravated leave breaking' means an offence of leave breaking where: (1) The absentee misses his ship or fails to take up his posting; (2) when leave was granted, a warning had been given that the ship was under sailing orders; (3) the offender was undergoing any form of punishment at the time; or (4) there are other particularly serious circumstances; and
c. 'repeated leave breaking' means an offence of leave breaking that is committed in the same ship, establishment, or air squadron within six months of a previous offence of leave breaking or desertion.

Framing Charges

14. A charge of leave breaking may refer to the offence as aggravated, but the charge shall not contain anything which directly or indirectly refers to a previous offence.

15. The period of leave breaking included in the charge is to be computed from the time when leave expired or the time of breaking out until:

- (1) the time of return to the ship or place of duty; or
(2) the time of surrender to or apprehension by Civil or Naval Authority, whichever is the earlier.

In cases dealt with summarily, the period should be expressed in the charge:

- a. '.....did absent himself without leave from..... on..... to..... on..... namely.....days.....hours minutes.'
b. '..... did improperly leave HMAS..... at ..... returning on board at..... on..... thereby absenting himself without leave.....days..... hours.....minutes.'

Automatic Forfeiture and Punishment

16. a. Forfeiture of Pay: Whatever punishment is proposed when an offender is convicted of a leave breaking offence, one days pay must be forfeited for each days, or part of a days, absence under Section 119 of the Defence Act, except that, if the absence is less than six hours, such forfeiture may be disregarded at the Captains discretion.

b. Punishment: In addition to forfeiture of pay (if any) the offender may be fined and the punishment of stoppage of leave (No 10) may be imposed. (The former punishment of mulct for leave breaking offences was a combination of a fine up to 13 days, a stoppage of pay for each day of absence, and a stoppage of leave.)

17. When two or more offences of leave breaking are dealt with together, the periods of leave breaking shall be aggregated for the purpose of calculating the appropriate punishment.

18. The following table is intended as a guide to the forfeitures and maximum punishments that may ordinarily be imposed for a first offence of leave breaking:

- a. Forfeiture of Pay: One days active pay for each days, or part of a days, absence. For absences of less than six hours, this may be remitted at the Captains discretion.
b. Punishment:

Table with 5 columns: Duration of absence not exceeding (days), FINE \$ (subdivided into JRs Apprentices Max 28 days, WRANS Max 14 days, ORDs-CPOs Max 28 days), and STOPPAGE OF LEAVE (Max 30 days). Rows show values for 1, 2, 3, and 4 days of absence.

19. THE ABOVE TABLE IS ONLY A GUIDE TO THE MAXIMUM AMOUNT OF FINE AND STOPPAGE OF LEAVE. THE OFFICER TRYING THE CASE MAY, IN HIS DISCRETION, AWARD A LIGHTER PUNISHMENT, OR NO PUNISHMENT AT ALL, BUT ALL CONVICTED OFFENDERS MUST FORFEIT ONE DAYS PAY FOR EACH FULL DAYS ABSENCE.

**Aggravated or Repeated Leave Breaking**

20. For an offence of improperly leaving a ship or place of duty, or an aggravated or repeated offence of absence without leave:

- a. the amounts of the fine and/or stoppage of leave shown in the table may be exceeded (subject to the maximum amount of punishment that may be imposed, ie, 28 days pay or 30 days leave); or
- b. other punishments may be awarded in addition to fine and stoppage of leave.

**Part 4**

**Stoppage of Leave (No 10)**

21. QR & AI Article 1977 no longer applies.

22. Stoppage of leave runs continuously from the date on which it was awarded, and may not be awarded for more than 30 days.

23. Stoppage of leave is not to accompany punishments of detention (unless the detention is intended to be suspended before committal), reduction in rank, second class for conduct, or cells. If a sailor is awarded No 9 punishment, stoppage of leave shall be awarded only when the period awarded is greater than that of the No 9 punishment.

24. While under stoppage of leave a sailor should be allowed to leave the ship or establishment only on duty, except that he may be allowed to proceed on long leave at the discretion of the Commanding Officer. No other penalties are involved, except mustering with men under punishment.

**Part 5**

**Punishment for Drunkenness**

25. QR & AI Article 1984 no longer applies.

26. An offence of drunkenness may attract a punishment of a fine in addition to any other punishment, but this is not obligatory.

27. The charge for an offence of drunkenness is to be drawn in accordance with Chapter 3 of BR 11 (Admiralty Memorandum of Naval Court-Martial Procedure).

(DNLS 465/8/81)

THE UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
WASHINGTON, D. C. 20250  
MAY 19 1964  
MAY 19 1964  
MAY 19 1964

Department of the Interior, Bureau of Land Management

TO THE SECRETARY OF THE INTERIOR, BUREAU OF LAND MANAGEMENT, WASHINGTON, D. C. 20250

- 1. To receive of the Bureau of Land Management a copy of the report of the
- 2. To receive of the Bureau of Land Management a copy of the report of the
- 3. To receive of the Bureau of Land Management a copy of the report of the

Department of the Interior, Bureau of Land Management

TO THE SECRETARY OF THE INTERIOR, BUREAU OF LAND MANAGEMENT, WASHINGTON, D. C. 20250

TO THE SECRETARY OF THE INTERIOR, BUREAU OF LAND MANAGEMENT, WASHINGTON, D. C. 20250

TO THE SECRETARY OF THE INTERIOR, BUREAU OF LAND MANAGEMENT, WASHINGTON, D. C. 20250

Department of the Interior, Bureau of Land Management

TO THE SECRETARY OF THE INTERIOR, BUREAU OF LAND MANAGEMENT, WASHINGTON, D. C. 20250

TO THE SECRETARY OF THE INTERIOR, BUREAU OF LAND MANAGEMENT, WASHINGTON, D. C. 20250

1964 100000

Registered

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ANO's 431-437/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
8 August 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

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19361/68

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## Section 1 ADMINISTRATIVE AND GENERAL

### UNCLASSIFIED

#### 431—ACNB General Messages

In accordance with Navy Order 724 of 1965, the state of ACNB General Messages at 1 July 1968 is as shown in the Annex to this order.

#### ANNEX

1. The following F Messages may now be withdrawn:

1967

120—*See* ANO 328 of 1968.

1968

040—*See* ATP 10A.

055—*See* ABR 10/64.

074—*See* ANO 32 of 1968.

2. At 0001 Z 1 July 1968, the following F Messages were in force:

1967

063, 088, 102, 106, 119

1968

005, 006, 026, 029, 035, 038, 052, 053, 059, 063, 064, 065, 066, 068, 070, 071, 075, 076, 077, 078, 079, 080, 081.

(AS (NS) 77/1/44)

(*Navy Order 724 of 1965*)

### UNCLASSIFIED

#### 432—Inventions—Yearly Reports

1. In order that a central record of Commonwealth interest in inventions may be maintained, each Administrative Authority is to forward to Navy Office at the close of each financial year, a report listing any inventions by Service or Civilian personnel either discovered or brought under notice during that year. The initial report is required in respect of financial year 1967-68.

2. NIL reports are to be rendered where appropriate.

3. RI Chapter 53 will be amended in due course.

(CEO (GS) 148/1/4)

### UNCLASSIFIED

#### 433—Transmission of Cash Accounts to the Director of Navy Accounts

1. The following has been approved for inclusion in Article 268 of the Navy Accounts Manual as Clause (2), and is to be implemented forthwith pending issue of amendment sheets:

(2) Wherever possible cash accounts are to be dispatched to reach the Director of Navy Accounts not later than ten days after closing of the cash account.

(3) In any case where this is not possible, eg, ships serving overseas, report by signal is to be furnished not later than ten days after closing of cash account, of date and details of dispatch.'

2. Copies of ABR 5018 are to be amended pending issue of amendment sheets.

(DNA 465/59/8)

## Section 2

### PERSONNEL

#### UNCLASSIFIED

#### 434—Herbert Lott Naval Trust Fund—Awards for Courses Held During the Period 1 April 1967 to 31 March 1968

1. The following sailors as top qualifiers in their particular courses, have been awarded prizes of £10 sterling each from the Herbert Lott Trust Fund.

2. In the POEP and CY courses, there were two equal top qualifiers and the prizes in these cases are to be shared equally.

Course	Rank at time of course	Name	Personal No	Per cent
POQMG	LSQMG	D. J. HORTON	R58242	85.3
POUW	LSUW	K. J. FRANKLIN	R57862	87.4
PORP	LSRP	D. L. HILL	R58566	84.0
POUC	LSUC	R. SWEET	R93396	87.5
POCD	LSCD	S. B. GOLINSKI	R44887	87.5
POWM	LSWM	D. G. MORRISON	R57403	85.3
CY	LTO	R. A. MILLS	R58781	94.0
CY	LTO	M. M. GORMAN	R41792	94.0
RS	LRO	D. E. McKEE	R93067	86.0
RSS	LROS	B. GREEN	R56625	84.0
CERA/CMECH	ERA1	L. E. GREEN	R42317	82.7
MECHTRG (2 prizes)	LME	B. W. FRANKS	R55620	89.9
	LME	B. WRIGHT	P/O64160	87.3
POEP	LEMP	I. McNICHOL	R57579	84.0
POEP	P/A/POEP	M. H. BEAN	R53855	84.0
POEWE	P/POEWE	A. D. JENKINS	R57875	88.0
POEC	LMEC	K. J. McKINNON	R59058	90.0
POEAW	LEMAW	P. J. GILES	R54768	84.0
MECH	MECH2	B. J. JAHNSEN	R51730	76.43
AMECHAE	A/MECHAE2	A. W. ARNELL	R55292	78.6
POAMAE	LAMAE	J. EAGLES	R55195	74.0
POAMW	LAMW	M. W. CARR	R55435	81.0
POAACM	LACM	M. R. POOLE	R93262	76.0

3. Top qualifiers from courses held during the previous year for which prizes were not awarded have been considered in this years competition.

4. The following is a list of courses which were not held during the year under review or for which there were insufficient candidates to qualify for an award (ie, six). The latter are marked with an asterisk:

*POFC	*POASE	*POEWR
POAAH	CNS	
*POEAC	COA	

5. Payment is to be effected through the Ships Cash Account as a charge to Division 648/1/01/113—Other Administrations Recoverable Expenditure, MOD (Navy). See Navy Accounts Manual, Article 332, Clause 2.

6. Authorisation of payment is to be made by the ship or establishment in which personnel are borne at the date of this order.

(DMT 201/201/22)

## Section 4

### EQUIPMENT, STORES AND SERVICING

#### UNCLASSIFIED

#### 435—Alteration and Addition Item—HMAS MORESBY

The following Alteration and Addition Item is approved to be carried out in HMAS MORESBY:

*Class List Item No 7 (Ex TDL 'NHH').*

- a. *Items:*
- To fit shock absorbers in the boat falls in accordance with Navy Office Drawing No 234/350 (Garden Island Drawing No 370/33).
  - To replace the existing 20 HP motors and starters for the 34 ft Survey Boat hoists with 35 HP motors and starters and modify the gears.
  - To rewire from spare 400 amp feeder breaker G1-14 on main switchboard to existing fuse panel G2-14-1 with cable AP180194.
  - To rewire from fuse panel G2-14-1 to 35 HP starters with cable AP180190.
  - To rewire from 35 HP starters to motors with cable AP180190.
- b. Weight compensation of 850 lbs at No 1 Deck Level (which is equivalent to 415 lbs at No 01 Deck Level) is required.
- c. *References:*
- HMAS MORESBYs Form AS 2022 Serial No H6/64 dated 7 November 1964.
  - Navy Office Memorandum 1228/52/54 dated 12 November 1965.  
Navy Office Memorandum 1228/52/54 dated 2 June 1967.  
GMGID Memorandum N20/14/361 dated 8 February 1968.

(CNTS 1228/52/54)

## RESTRICTED

## 436—Gunnery AA Firing Practices—Introduction of New Types

(DCI (RN) 1364/1967)

## Introduction

1. The Type 'A' AA firing practice, with its rigorous instrumentation requirements, has made a significant improvement to standards of performance by demonstrating the potential of a well maintained and drilled system. It is, however, necessarily carried out under set piece conditions specifically to determine the AA gun accuracy of the system under these conditions, but this gives little guide to AA efficiency in action. The Type 'A' practice has become the yard-stick by which a ship's gunnery efficiency is judged; but the undue significance placed on this type of practice alone can be detrimental to the achievement of true AA efficiency since the target parameters are not realistic therefore the necessary requirements for quick reaction to meet the air threat are not presented to the weapons systems. A more balanced series of exercises is necessary where the operational availability and accuracy of the gunnery equipment can be assessed and where the required sense of urgency can be engendered.

2. It is intended that revised instructions for the conduct ordering and evaluation of AAW exercises will be issued to supersede BR 2009.

## Balance of Practices

3. It has therefore been decided as a first step to adjust the balance of AA firing practices laid down for the Fleet, and change the nomenclature of firing practices to achieve the following aims:

- a. *System Assessment Firing Type A (SAFA)*—To establish (or check) the systems performance and accuracy in AA fire under optimum conditions and with special preparations.
- b. *System Assessment Firing Type B (SAFB)*—To check the systems performance and accuracy in AA fire under normal conditions of Service use and with the minimum of special preparations.
- c. *AA Target Firing Exercise (AATFX)*—To exercise crews and control parties under firing conditions.
- d. *AA Gun Direction Firing Exercise (AAGDFX)*—To exercise the command, gun direction and control teams in taking self-defensive measures against a realistic air or missile attack.

4. Thus, distinction is made between the practice which has the aim of assessing the performance of a weapon system (SAFA and B) and the practice which has the aim of simulating action procedures (AATFX and AAGDFX) to test system response and target handling procedures within the AIO. In the first, the assessment is best conducted under controlled deliberate conditions with extensive instrumentation. In the second, although it is desirable for analysis purposes to instrument the practice as fully as possible, this aspect must be of secondary importance to the conduct of the practice at action speed. Much greater emphasis is placed on the AAGDFX, as with the present limited range of targets available, this is the only truly operational AA practice.

## Details of Practices

5. **SAFA**—The preparations and procedure for an SAFA are in all respects the same as for the present Type A shoot. There are, however, two restrictions:

- a. The use of the DELMAR/Rushton high speed/long tow type target is mandatory.
- b. The rate of fire is to be consistent with turret recovery performance and training objectives but ensuring that firing can take place between the maximum effective range of the system and 2,000 yards range present without excessive ammunition expenditure.

6. **SAFB**—The conduct of the SAFB is identical to the SAFA with the notable exception that the stringent ship equipment conditions are relaxed. Only normal 'preparations for firing' to ensure safety are to be carried out, but no special preparations are required. Forms AS 1159 are to be completed, but only the date on which the test was last done are to be shown.

7. **AATFX**—The aim, preparations and procedures are all similar to those for the present Type B shoot. No restrictions are imposed on ship, target or equipment other than those of safety. The only limitation on the conduct of the firing is that the target is to be re-indicated and re-acquired between runs. Records as for the Type B should be taken if possible, but recording failure should not impose 'stop action'.

8. **AAGDFX**—The preparations and procedures for this exercise are similar to the present AAGDFX, but additionally, the following points should be noted:

- a. Runs should start outside maximum detection range, preferably on an unalerted bearing. Method, time and range of initial detection, designation and acquisition are to be recorded and noted for each target of each run.
- b. In ships not fitted with an AA throw-off facility, the exercise should be conducted using primers to simulate gunfire. This method may also be used where safety considerations might otherwise render the practice abortive.
- c. The prime advantages of the AAGDFX over its non-firing counterpart are:
  - (1) it ensures participation by the command AIO and the entire weapons teams;
  - (2) it provides incentive in that a sense of importance and urgency which can only be achieved if the end-product of the teams efforts is gunfire; and
  - (3) it introduces the competitive spirit between condition watchers and when ships are in company.
- d. Attacks should be advanced as the capability of the ship is developed, eg:
  - (1) attack by very high speed aircraft;
  - (2) realistic attacks;
  - (3) very low approach (below radar horizon);
  - (4) attack by (simulated) missiles;
  - (5) use of avoiding and evasive action;
  - (6) night practices; and
  - (7) part of a multiple threat during tactical exercises.

The exercise can be further advanced when ships are in company by the addition of CLAP and the use of RE shell and/or rockets.

- e. This exercise is best conducted from the Ops Room.

- f. The present method of recording this exercise can be improved by making better use of the event recorder as follows:

Pen No 1. 0.5 sec Time Base

- |                      |                     |
|----------------------|---------------------|
| 2. Rp every 500 yd   | } after acquisition |
| 3. Rf every 500 yd   |                     |
| 4. Manual push       |                     |
| 5. Gunfire left gun  |                     |
| 6. Gunfire right gun |                     |

Press pen 4 push as follows:

Director Target/Radar	..	..	..	1 short push
4.5s Target/Radar	..	..	..	2 short pushes
'SHOOT	..	..	..	3 short pushes

#### Frequency of Practices

9. Subject to the training directives issued by the Flag Officer, the following frequency of AA firing practices is recommended:

##### a. SAFA

- (1) as part of a SAT (G);
- (2) prior to deployment, immediately before the pre-deployment leave period;
- (3) at three-monthly intervals, where convenient linked to an Assisted Maintenance Period; or
- (4) on other specially ordered occasions, eg, to investigate poor results in other types of AA practices.

##### b. SAFB

Every three months preferably midway between SAFs A. If the period between two SAFs A is less than three months, the SAFB is not necessary.

##### c. AATFX

Every three months, preferably midway between SAFs A and B.

##### d. AAGDFX

The importance of this exercise cannot be over-stressed. To maintain air defence proficiency, this practice should be conducted as frequently as possible and certainly not less than once a month.

#### Numbering of Runs

10. Runs are to be numbered in sequence beginning with the first firing run of each type after completing work-up:

SAF (A) runs as A1A, A2A, etc.

SAF (B) runs as A1B, A2B, etc.

AATFX runs as A1, A2, etc.

AAGDFX runs as T1, T2, etc.

In ships with more than one firing system, the run numbers should be prefixed with the system, ie, DDG class FCS1 system SAF (A) run 6 would be 1A6A.

#### Date of Implementation

11. These new types of AA firing practices will come into force on (will be promulgated in due course).

(DTWP 1624/211/252)

#### UNCLASSIFIED

#### 437—Stores (General) (Group Class 1355)—Torpedo Inert Components— Change of Stock Numbers

1. The Stock Numbers of the undermentioned items have been changed, as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
1355	00-024-9051	Coupling, half	4730	00-540-0856
1355	00-973-0643	Gasket	1355	00-970-6560
1355	00-770-3527	Cap, bus rod	4925	00-770-3527
1355	00-071-5783	Clamp, cone	1355	00-624-8389

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 400/70/127)



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1. The purpose of this document is to provide a comprehensive overview of the project's objectives and scope. It is intended for the use of all project team members and stakeholders.

2. The project is designed to address the current challenges faced by the organization and to achieve the following goals:

- Increase operational efficiency by 20% within the next six months.
- Enhance customer satisfaction through improved service delivery.
- Reduce operational costs by 15% over the course of the project.
- Implement a robust risk management framework to ensure project success.

3. The project will be managed in accordance with the following principles:

• Transparency: All project activities and decisions will be communicated openly and honestly.

• Accountability: Each team member is responsible for their assigned tasks and the overall success of the project.

• Collaboration: Team members are encouraged to work together, share ideas, and support each other throughout the project.

• Flexibility: The project plan is a guide, not a constraint. We will adapt to changes as needed to ensure the best possible outcome.

4. The project team consists of the following members:

• Project Manager: [Name]

• Team Lead: [Name]

• Team Members: [List of names]

5. The project will be reviewed and reported on at regular intervals to ensure progress and address any issues.

6. This document is a living document and will be updated as the project evolves.

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ANO's 438-452/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
15 August 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*J. Handau.*

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

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19736/68

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451	20-Man Inflatable Liferaft—GRP Containers.
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452	JSP (AS) 102, The Joint Services Staff Manual Volume 11, Service Writing—Introduction in the RAN and Department of the Navy.

## Section 2 PERSONNEL

### UNCLASSIFIED

#### 438—Family Travel by Private Motor Vehicle on Final Removal

1. Where a member has been granted a final removal between the eastern and western states, the southern states and the Northern Territory, or the mainland and Tasmania and desires to undertake the journey by private motor vehicle, he may be issued with departmental travel warrants for the transfer of himself, family and motor vehicle between the following places:

- a. Port Pirie and Kalgoorlie where the journey is between the eastern and western states;
- b. Alice Springs and Port Augusta where the journey is to or from Darwin via Adelaide;
- c. Mount Isa and Charters Towers where the journey is to or from Darwin via Brisbane;
- d. The mainland and Tasmania if the journey is undertaken on a vehicular ferry.

2. Naval Pay Instruction 231/18 (8) should be noted accordingly pending amendment.

3. It is emphasised that this approval relates to final removals only. In all other removals, departmental warrants are not to be issued in these circumstances but the cost of journey by train or vehicular ferry may be taken into account when calculating the advance of 90 per cent to be made under Naval Pay Instructions.

(HPB 252/4/91)

### UNCLASSIFIED

#### 439—Overseas Allowances—United Kingdom

1. Following a review of overseas allowances the rates and certain conditions of Overseas Living Out Allowance, Child Allowance and Rent Allowances payable to personnel serving on long or intermediate term duty in the United Kingdom have been varied. The new rates and conditions are shown as they effect the Naval Pay Instructions and as will be included in those Instructions in due course:

- a. NPI 105/201—Overseas Living Out Allowance—Tables 1 and 2 are omitted and the following inserted in their stead:

<i>Marital Status</i>		<i>Category</i>	<i>Rate per day per group</i>				
			<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>
Married	Accompanied	(a)	3.18	3.97	4.49	4.99	8.58
		(b)	4.16	4.96	5.48	5.97	9.56
Member	other than Married Member	(a)	1.97	3.15	3.83	4.49	6.55
		(b)	2.55	3.72	4.41	5.07	7.12

(Note: A separate rate of Overseas Living Out Allowance for London no longer applies.)

- b. NPI 105/203 Oversea Living Out Allowance—Tables 1 and 2 are omitted and the following inserted in their stead:

Category	Rate per day per group				
	1	2	3	4	5
(a) (d) .. ..	2.86	3.65	4.18	4.67	8.27
(a) (e) .. ..	1.78	2.96	3.65	4.31	6.37
(a) (f) .. ..	0.92	2.10	2.78	3.44	6.63
(a) (g) .. ..	0.99	2.17	2.86	3.52	6.70
(a) (h) .. ..	2.04	3.22	3.91	4.57	6.63
(a) (j) .. ..	2.11	3.29	3.98	4.64	6.70

- c. NPI 105/204 is omitted.
- d. The amount of \$398 per year in line two of NPI 105/205 is omitted and an amount of \$409 per year (\$1.12 per day) inserted in its stead.
- e. (1) The following sentence is added to Paragraph 1 of NPI 105/212: 'It is payable for the whole of the period that the member and his wife are resident in that country.'
- (2) Paragraph 2 of NPI 105/212 is deleted and Paragraph 3 is now re-numbered '2'.
- f. The rate of Child Allowance as shown in NPI 105/217 is changed to the following—an amount of \$210 per year (58 cents per day) for the first child and an amount of \$160 (44 cents per day) for each other child.
- g. (1) The table in NPI 105/221 (a) (iv) is omitted and the following inserted in its stead:

Rank	Per Adult and Child Aged 8 and above			Per Child Under 8		
	£	s	d Stg	£	s	d Stg
Lt, Lt (SD) or relative or lower rank .. ..	2	7	6	1	15	0
Lt Cdr, Lt Cdr (SD) or relative rank to Captain .. ..	3	5	0	2	5	0
Commodore and above .. ..	4	0	0	2	15	0

- (2) The table in NPI 105/221 (b) (iii) is omitted and the following inserted in its stead:

Rank	£	s	d Stg
Lt, Lt (SD) or relative or lower rank .. ..	2	7	6
Lt Cdr, Lt Cdr (SD) or relative rank to Captain .. ..	3	5	0
Commodore and above .. ..	4	0	0

- h. NPI 105/223 is omitted and the following inserted in its stead:

- a. NPI 105/223—Rental Allowance

Subject to the succeeding provisions of this instruction, Rental Allowance will be payable to a member posted for long term or intermediate term duty to and living out in the United Kingdom and renting

furnished, partially furnished or unfurnished accommodation. For the purpose of calculating the rate of allowance, the member will firstly be required to contribute a weekly amount appropriate to his salary representing cost of rent for the member or the member and his family, as appropriate, in Australia. For purposes of assessment the 'Scale of Normal Living Costs' in Australia is shown in Instruction 105/312.

2. The Department will then reimburse the additional rental above the appropriate contribution figure assessed under the last preceding sub-paragraph up to a maximum of the difference between that figure and the appropriate weekly figure specified in Sterling currency in the following table:

Rank	London		Birmingham and Manchester		Bristol, Edinburgh and Greenock area		Belfast and elsewhere	
	Married Accom- panied Members	Other Members	Married Accom- panied Members	Other Members	Married Accom- panied Members	Other Members	Married Accom- panied Members	Other Members
Sub Lieut, Sub Lieut (SD) or officer of relative or lower rank .. ..	14 0 0	10 0 0	11 10 0	8 10 0	11 0 0	8 0 0	10 0 0	7 0 0
Lieut, Lieut (SD) or relative rank .. ..	15 0 0	11 0 0	12 10 0	9 10 0	12 0 0	9 0 0	11 0 0	8 0 0
Lt Cdr, Lt Cdr (SD) or relative rank .. ..	16 0 0	12 0 0	13 10 0	10 10 0	13 0 0	10 0 0	12 0 0	9 0 0
Cdr, Cdr (SD) or relative rank .. ..	17 10 0	13 10 0	14 10 0	11 10 0	14 0 0	11 0 0	13 0 0	10 0 0
Capt .. ..	20 0 0	15 0 0	15 10 0	12 10 0	15 0 0	12 0 0	14 0 0	11 0 0
Commodore and above .. ..	..	..	..	..	..	..	..	..

3. The 'London' rate is applicable when a member is posted to an office which is located within a radius of 16 miles from Charing Cross. Other rates are to be applied to members posted to offices located in the cities named or within a reasonable distance from those cities.

4. The maximum departmental contribution calculated on the basis in Paragraph 2. may be increased by 15s Sterling per week in respect of each dependent child of the member maintained at the post and in respect of whom Child Allowance is payable.

5. The maximum departmental contribution may be further increased by £Stg3 per week for members in receipt of a Representation Allowance of at least \$(A)500 per year.

6. If the actual rental payable by the member exceeds the figures set out in Paragraphs 2., 4. and 5. above, the member is required to meet the first £Stg1 per week of the excess and any balance still remaining may be shared equally by the member and the Department. The admission of any additional liability under this provision is conditional upon the Official Secretary, London, certifying that the total rental involved is reasonable having regard, firstly to the members rank and accommodation needs and secondly to the availability and rental levels of accommodation generally.

7. Where the cost of heating, or the cost of heating and other services (eg, electricity, gas, etc) is included in the rental payable, the actual weekly rental is to be reduced by the amounts shown below, and the rental assistance calculated on the resultant net figure:

Rank	Married Accompanied Member		Other than Married	
	Heating Only	Heating and Other Services	Heating Only	Heating and Other Services
	\$Stg	\$Stg	\$Stg	\$Stg
Sub-Lt, Sub-Lt (SD) or officer of relative or lower rank .. ..	1 10 0	2 10 0	0 10 0	1 5 0
Lieut, Lieut (SD) or relative rank ..	2 5 0	3 5 0	1 5 0	2 0 0
Lieut-Cdr, Lieut-Cdr (SD), Cdr, Cdr (SD) or relative rank .. ..	2 10 0	3 10 0	1 15 0	2 10 0
Captain .. ..	3 0 0	3 15 0	2 0 0	3 0 0
Commodore and above .. ..	3 15 0	4 15 0	3 0 0	4 5 0

8. For the purpose of calculating Rent Allowance as set out in Paragraph 2. above separate garage rental, if paid, may be included as rent paid. This amount is not to be added to the figures appearing in the Table attached to that paragraph but may be included in the calculation in Paragraph 6. Parking fees are not to be included.

9. For the purpose of calculating rental allowance for a member renting partially furnished or unfurnished accommodation the actual rental paid may be supplemented by taking account of expenditure on additional furniture, furnishings, fixtures and fittings on the following conditions:

- Total expenditure of less than £Stg50 does not qualify for assistance and only basic furniture items may be included. These exclude linen and blankets, crockery and glassware, pots and pans and minor electrical equipment which the Department will normally transport from Australia. Items beyond basic living requirements such as radiograms and television sets are also excluded.
- Where a member spends a total amount of at least \$Stg50 on acceptable items, he will qualify for an addition to his actual rental of accommodation at the rate of 4s Sterling per week per £Stg50 of expenditure, pro rata over £Stg50. The amount of expenditure is to be reduced as necessary where the cost value has depreciated.
- Accommodation rental plus any additions as above are not to exceed the relevant rental norms for furnished accommodation in Paragraph 2. of this order.
- The Department will not accept responsibility for loss on sale of any item either individually or in the aggregate and will not freight any item included in the furniture component of the rental calculation.

10. The Department will meet the cost of rates (total or beneficial portion as appropriate) in respect of each members accommodation direct to the appropriate authority and without recovery from the member. Accordingly, whenever possible, leases for accommodation are to be negotiated exclusive of rates.

11. Where a married member occupying the posting of Australian Naval Representative, United Kingdom, not being the Head, Australian Joint Services Staff when that position is occupied by a Naval Officer, or the Inter-Services Technical Officer, is directed to live in Central London he may be paid a rent allowance calculated as follows:

- the member will be required to contribute a weekly amount in accordance with Paragraph 1. of this order; and
- the Department will then reimburse the member the additional rental above the figure as in Sub-paragraph a. up to a maximum of the difference between that figure and £Stg45 per week; and

subject to the following conditions:

- (1) For the purpose of calculating rental allowance Paragraphs 7. to 10. are applicable. Any excess rental is to be met by the member;

(2) Rates are not differentiated between married and unmarried members, nor for number of children, nor in respect of Representation Allowance;

(3) Central London is defined as the area within a radius of 7 miles from Charing Cross and includes suburbs such as Wimbledon, Richmond and Putney.

12. These provisions will be included in the Naval Pay Instructions in due course.  
(HPB 252/201/29)

#### UNCLASSIFIED

#### 440—Re-engagement of Sailors of the Permanent Naval Forces

Naval Order 285 of 1968 is to be amended as follows:

##### Paragraph 6:

- delete* 'Aircraft Mechanician Airframes Engines' and *insert* 'Air Mechanic Airframes Engines.'
- delete* 'Aircraft Mechanician Weapons' and *insert* 'Air Mechanic Weapons.'

(DMT 307/4/6)

(Navy Order 285 of 1968)

#### UNCLASSIFIED

#### 441—Results of Passing Out and Higher Education Test— HMAS LEEUWIN—May 1968

1. The pass marks obtained by Junior Recruits at the Passing Out and Higher Educational Tests held in HMAS LEEUWIN are shown in the Annex to this order.

2. The results of the above test have been adjusted to the HET standards and the sailors mentioned in the Annex have been granted passes in the subjects indicated.

3. Commanding Officers are to ensure that the Certificates of Service of those concerned are noted in the appropriate section.

#### ANNEX HMAS LEEUWIN—Passing out Examination—May 1968

Name	Rank	O/N	III Geog	IV Nav	V Maths	VII Mag and Elec	VIII Eng Exp	Remarks
BACON, Stephen R.	JR 1 (WM)	R96118	56	..	..	..	..	
BAILEY, Keith, M. G.	JR 1 (EM)	R96120	..	..	..	..	51	
BOOTHBY, Robert J.	JR 1 (QMG)	R96125	..	..	..	..	59	
BUIST, Eric J.	JR 1 (CO)	R96132	56	..	..	..	..	
BYLETT, Edward	JR 1 (UC)	R96134	50	..	..	..	..	
CLARK, Howard R.	JR 1 (UW)	R96139	52	..	..	..	..	
COWLISHAW, John H.	JR 1 (NAM)	R96143	50	58	..	..	..	
FITZSIMMONS, Ian R. J.	JR 1 (CK)	R96157	50	..	..	..	51	
GILLAM, Kevin N.	JR 1 (EM)	R96166	50	54	..	..	57	
HARDY, Paul E.	JR 1 (EM)	R96177	..	..	..	..	70	
HOAR, Michael K.	JR 1 (EM)	R96184	53	54	..	..	..	
JACKSON, Alan L.	JR 1 (RP)	R96192	..	..	..	..	64	
JEFFERY, Roger L.	JR 1 (EM)	R96194	57	..	..	..	..	
JELLETT, Raymond	JR 1 (ME)	R96195	51	..	..	..	..	
LATIMER, Mark I.	JR 1 (ME)	R96200	..	52	..	..	63	
LAWLESS, Christopher J.	JR 1 (EM)	R96203	55	..	55	..	50	QESD
LAWRANCE, Graham V.	JR 1 (WM)	R96204	52	..	..	74	..	QESD
LEMMON, Robert J.	JR 1 (NAM)	R96206	67	51	57	64	70	
LINTO, Darryl	JR 1 (NA)	R96209	..	..	..	..	51	
McCANNNA, Phillip G.	JR 1 (SAV)	R96223	52	..	..	..	62	
McCARTHY, Andrew J.	JR 1 (EMA)	R96224	64	65	..	70	..	
MacGREGOR, Robert L.	JR 1 (RP)	R96227	55	..	..	..	..	
MEAKER, Raymond M.	JR 1 (CO)	R96216	59	..	..	..	..	
MERRITT, John W.	JR 1 (EM)	R96217	..	..	61	..	50	
MIHALY, Tibor V.	JR 1 (CD)	R96218	..	..	..	..	64	

Name	Rank	O/N	III Geog	IV Nav	V Maths	VII Mag and Elec	VIII Eng Exp	Remarks
MILLS, Geoffrey D.	JR 1 (NAM)	R96219	.. 53	..	..	..	51	
MORPHELT, Max W.	JR 1 (CO)	R96221	63	..	..	..	..	
NEVIN, Philip A.	JR 1 (QMG)	R96233	.. 50	..	..	..	58	
NIHILL, Terence M.	JR 1 (SBA)	R96235	..	..	..	..	..	
O'BRIEN, Michael	JR 1 (QMG)	R96242	61	..	..	..	..	
PARSONSON, Phillip M.	JR 1 (SAN)	R96250	.. 57	..	..	..	52	
PUTTEE, Ronald	JR 1 (NAM)	R96259	55	..	..	..	..	
RANN, Graeme L.	JR 1 (NAM)	R96261	..	..	..	..	52	
RENNIE, David L.	JR 1 (EM)	R96262	..	..	..	..	50	
RICKMAN, David J.	JR 1 (QMG)	R96265	.. 50	..	..	..	..	
ROOKE, Allen C.	JR 1 (CO)	R96271	57	..	..	..	..	
ROSS, Robert J.	JR 1 (NAM)	R96273	52	..	..	..	61	
RYLEY, William J.	JR 1 (WTR)	R96275	59	52	..	..	52	
SCHIEL, Volker, H.	JR 1 (UW)	R96280	..	..	..	..	53	
STEVENSON, Warren D.	JR 1 (WTR)	R96289	..	..	..	..	54	
THOMAS, Robert	JR 1 (RP)	R96296	.. 50	..	..	..	..	
WATKINS, David W.	JR 1 (EMA)	R96304	70	..	..	..	50	
WHITTY, Ian K.	JR 1 (UW)	R96311	..	..	..	..	53	

(HPB 325/53/17)

## Section 4

## EQUIPMENT, STORES AND SERVICING

UNCLASSIFIED

## 442—Alteration and Addition Item—HMAS MORESBY

The following Alteration and Addition Item is approved to be carried out in HMAS MORESBY:

*Class List Item No 27 (Ex TDL 'ABC')*.

- a. *Item:* To fit a stabiliser for the 230 Volt 60 Cycle power supply to the Type 979 Radar and the Lambda Master Equipment. Total power requirement for the stabilised supply is 4 Kilowatt for radar and 2½ Kilowatt for Lambda.
- b. Weight compensation of 700 lb at 2 deck level or above, as proposed in HMAS MORESBYs Memorandum 162/28 dated 12 April 1967, is approved.
- c. *References:* (1) HMAS MORESBYs Form AS 1182, TDL 'ABC' dated 20 December 1965, forwarded under cover of FOCAF Memorandum AF 1936/41 dated 4 January 1966.  
(2) Navy Office Memorandum 1228/52/155 dated 16 December 1966.  
(3) HMAS MORESBYs Memorandum 162/28 dated 12 April 1967, forwarded under cover of FOCAF Memorandum AF 1212/37/2 dated 20 April 1967.

(CNTS 1228/52/155)

UNCLASSIFIED

## 443—Alteration and Addition Item—HMAS SUPPLY

The following Alteration and Addition Item is approved to be carried out in HMAS SUPPLY:

*Class List Item No 59 (Ex TDL 'BP')*.

- a. *Item:* To install additional 50 watt Amplifier type AP 126471 in spare rack of SRE compartment and connect to four in number additional loudspeakers Pattern 32031 at the following points:
  - a. Main galley;
  - b. sick bay;
  - c. quarterdeck; and
  - d. starboard side boat deck outside laundry and electrical workshop.
- b. Weight variations are to be reported on completion of the item.
- c. *Reference:* HMAS SUPPLYs Form AS 1182 TDL 'BP' dated 12 April 1967, forwarded under cover of FOCAF Memorandum AF 1212/53/13 dated 24 April 1967.

(CNTS 1246/51/196)

## UNCLASSIFIED

**444—Alteration and Addition Item—HMAS SUPPLY**

The following Alteration and Addition Item is approved to be carried out in HMAS SUPPLY:

*Class List Item No 62 (Ex TDL 'BS').*

- a. *Item:* To fit a discharge line from the auxiliary boiler feed pump to the main feed tank in accordance with Navy Office Drawing No MFF-1-14.
- b. Weight compensation is not required.
- c. *Reference:* HMAS SUPPLYs Form AS 1182 TDL 'BS' dated 16 May 1967, forwarded under cover of FOCAF Memorandum AF 1212/53/18 dated 31 August 1967.

(CNTS 1246/51/203)

## RESTRICTED

**445—Guided Weapons—Seacat Missile—Frequency of Testing**

*(DCI (RN) 626/1968)*

1. At present the requirement for testing Seacat missiles is that tests should be carried out every six months.

2. Due to the ageing of some components in MOD 0 missiles and the possibility of damage during transport from armament depot to ships, the rules for testing Seacat missiles have been revised as follows:

- a. *MOD 0 Missiles.* All MOD 0 Seacat missiles should be tested on receipt by the ship, and then at six-monthly intervals.
- b. *MOD 1 Missiles (when introduced into service).* All MOD 1 Seacat missiles should be tested on receipt by the ship and then at six-monthly intervals. No pre-firing checks are necessary.

Before carrying out a practice firing continuity of the boost, guidance and gyro release circuits should be checked.

3. BR 2500 (2) and BR 2500 (2)(A) will be amended.

(DWE 740/252/1175)

## RESTRICTED

**446—Guns (Other Than Aircraft)—QF 4.5 in Mark 5—Modification to Brackets Loading Stop**

*(DCI (RN) 689/1967)*

1. **Information.** A failure occurred in a QF 4.5 in Mk 5 gun when the 141846 bracket loading stop worked loose. This allowed the 141241 plunger to rotate sufficiently to prevent it from entering the recess in the breech block.

2. **Purpose.** To introduce a positive locking device for the 141833 and 141846 brackets.

**3. Parts affected:**

- 141004 Mechanism left gun Assembly
- 141017 Mechanism right gun Assembly
- 14107611 Stop loading left gun Assembly
- 14108911 Stop loading right gun Assembly
- 141833 Bracket loading stop left gun
- 141846 Bracket loading stop right gun
- 141476 Screw Long loading stop bracket
- 141489 Screw Short loading stop bracket
- 141504 Screw Hex hd loading stop bracket.

**4. New parts required:**

- a. 141507—Washer Tab loading stop bracket;
- b. 101621—Screw Set 'UNBRAKO'  $\frac{1}{4}$  in BS Fine  $\times \frac{1}{2}$  in long; and
- c. NS Pattern 0262 : 6387 Pin Cotter split  $\frac{3}{32}$  in diameter  $\times 1\frac{1}{2}$  in long.

**5. Modifications required:**

- 141476 Screw } Machine groove for 101621 screw
- 141489 Screw }
- 141504 Screw } Drill for split pin NS 0262 : 6387, to retain 141507 washer
- 141833 Bracket } In two places drill and tap for 101621 screw, counter-boring—one set screw hole indicated on drawing, and engrave
- 141846 Bracket } 'LOCK' in two places in  $\frac{1}{4}$  in letters. Fill in with red wax.

**6. Drawings:**

NOD 3175/86 Issue number 4.

**7. By whom to be done:**

Staffs of RAN depots.

**8. When to be done:**

- a. HMA Ships—At the next convenient series inspection.
- b. RAN Depots—As convenient, but before issue.

**9. Schedule of Modifications:**

Add serial number 41.

**10. Changes in Store References:**

Item	Before Modification	After Modification
Bracket	141833/3	141833
Bracket	141846/3	141846
Screw	141489/3	141449
Screw	141504/3	141504
Stop	14107611/3	14107611
Stop	14108911/3	14108911

**11. Publications:**

The Catalogue of NA Stores will be amended.

**12. NATO Codification:**

NATO number for the new items 141507 washer and 101621 screw, will be notified when available.

(DAS 706/251/49)



UNCLASSIFIED

**447—Motor Vehicles—Slings Arrangements**

1. The slings used for hoisting motor vehicles are to be generally in accordance with Navy Office Drawing No 108/662 (GI No 1935/57). The design of these slings is based on a working load of 35 cwt and this load is not to be exceeded. Special arrangements are to be made for handling heavier weights.

2. When lifting vehicles with this type of sling the following procedure is to be followed:

- a. the legs of the sling are to be made to bring the line of the lifting wire over the centre of gravity of the vehicle thus ensuring that the load is balanced and level and will come to rest evenly on all wheels. This is particularly important when the vehicle is being lowered on to or hoisted from a floating platform;
- b. fit the hooks under the wheels and connect the sling using spreader beams;
- c. place the gears of the vehicle in neutral and release brakes as permitted by slope of the ground or deck;
- d. lift vehicle just sufficiently to check that the hooks have correctly taken the line of pull around each wheel;
- e. apply the brakes;
- f. lift the vehicle to the required position; and
- g. remove slings and ensure that the vehicle is properly secure before transit.

(ACDC 459/55/282)

UNCLASSIFIED

**448—Shore Wireless Stations—Masts and Towers—Restrictions to be Observed When Carrying out Maintenance**

1. The following instructions are to be observed by personnel carrying out maintenance duties on masts and towers at RAN Shore Wireless transmitting stations. These precautions cover hazards likely to be caused by the presence of radio frequency power in the aerial system; they are additional to, and not a substitute for, any regulations normally observed when working at a high level concerning wind speed, low cloud, proximity of thunderstorms, the use of safety belts, etc.

2. Masts and towers supporting aerial systems associated with high power low frequency transmitters:

- a. Masts and towers must not be climbed without the written permission of the Officer-in-Charge of the Wireless Station;
- b. all work requiring the use of temporary stays, bosuns chair, jury rig halyards or other wires not part of the permanent structure may be undertaken only with radio frequency power to the associated aerial system switched off and the aerial system earthed. Typical of this type of work is replacement, maintenance and greasing of stays and halyards and the inspection of stay insulators;
- c. painting of mast and tower structures may not be undertaken without switching off radio frequency power;

- d. obstruction lighting system maintenance, lamp replacement and inspection may be undertaken only when radio frequency power is switched off and the associated aerial system is earthed; and
- e. a warning notice is to be placed in a prominent position at the base of each mast station:

'MASTS MUST NOT BE CLIMBED WITHOUT PERMISSION OF THE OFFICER-IN-CHARGE.

ANO 448/68'

3. Masts and towers supporting high frequency aerial systems associated with high frequency transmitters exceeding 50 watts:

- a. Masts and towers must not be climbed without the written permission of the Officer-in-Charge of the Wireless Station;
- b. all work requiring the use of temporary stays, bosuns chair, halyards or other wire not part of the permanent structure may be undertaken only with radio frequency power switched off and the aerial system earthed;
- c. painting of mast and tower structures may be carried out without switching off the radio frequency power to the associated aerial system, except when access for painting involves the use of temporary halyards for painters platforms and the like, when Paragraph 3. b. above applies; and
- d. maintenance of obstruction light fittings, lamp replacement and inspection may be undertaken without restriction except when temporary halyards are necessary for access, when Paragraph 3. b. above applies.

4. A glass-fronted key-box is to be provided at each Transmitter Station, suitably marked with a position for Aerial Interlock Keys for each aerial. Before permission is given to work on a mast or tower for which the nature of the work requires the radio frequency power to be switched off, the appropriate aerial interlock keys (which must be in position in the aerial exchange to enable the EHT to be switched on) are to be removed and deposited in the key-box. The key-box is then to be locked and its key held by the senior member of the maintenance or painting party all the time work is being carried out on the mast(s) or tower(s).

5. The Officer-in-Charge of the Wireless Station is to ensure that all personnel are clear of the mast or tower and all temporary rigging of any kind removed or made secure before authorising re-connection of radio frequency power to the associated aerial system.

6. Station Standing Orders are to include a notice to all station staff that masts are not to be climbed other than as authorised by the Officer-in-Charge, and drawing attention to this order.

7. It should be noted that masts supporting aerial systems listed below do not constitute a hazard:

- a. reception in any frequency band;
- b. those associated with V/UHF transmitters whose power output does not exceed 50 watts; and
- c. any other transmitters whose output does not exceed 50 watts.

8. The restrictions outlined in Paragraphs 2 and 3 above, and the relaxations outlined in Paragraph 6 apply only to aerial systems which have been approved. Aerials which have been attached to masts or towers by other authorities must be removed whilst maintenance is being carried out.

9. Navy Order 362 of 1965 is hereby cancelled.

(PEE 1424/1/11)

(Navy Order 362 of 1965)

## UNCLASSIFIED

**449—Stores (General)—Issues to HMA Ships and Establishments From RAN Store Depots**

1. It has been decided to standardise the method of issuing stores of all categories to HMA ships and establishments from RAN store depots and henceforth the procedures detailed in the following paragraphs are to be observed. Paragraphs 2 to 6 detail the normal procedure and Paragraph 7 details the procedure to be followed in the case of Naval Stores issued to ships or units on Naval Store Inventory Account and when spare gear is issued direct to Patrol Boats.

**2. Stores Drawn Direct by a Ships or Establishments Representative**

- a. This method is to be used only for urgent casual demands. In the case of stores 'on EDP', the urgency of the requirement must be of such a high priority that loss of computer stock control is justified;
- b. an officer or sailor drawing stores from a store depot on behalf of the Store Accounting Officer is to identify himself by production of his identity card. The issuer is to check the signature and rank or personal number as given on the receipt against the identity card; and
- c. the stores demand is to be taken direct to the Depot for approval and preparation of Local Issue Vouchers (LIV). The LIVs are to be taken by the ships or establishments representative to the appropriate storehouses where the stores are to be supplied against the representatives signature on Copy No 1 of the LIV. Receipts are to be endorsed with the date and rank of the officer or personal number of the sailor receiving the stores. In cases where the signature on the receipt is not readily legible, the name is also to be inserted in block letters by the recipient. The ships or establishments representative is to be given Copies Nos 3 and 4 of the LIV. Copy No 4 of the LIV is to be taken to the Foreman of Storehouses who is to issue a pass note authorising removal of the stores enumerated thereon. The pass note and Copy No 4 of the LIV are then to be shown to the Dockyard Police Officer at the passing-out point for use in checking the stores. The pass note is to be surrendered to the police, but the LIV is to be retained by the ships or establishments representative. Copies Nos 3 and 4 of the LIV are to be handed in to the ships or establishments store office where they are to be dealt with as indicated in Paragraph 6.

**3. Delivery of Stores by Supply Division Transport**

- a. Periodical replenishments and non-urgent casual requirements are delivered by Supply Division transport. The procedures are detailed in the following sub-paragraphs;
- b. *Ships*
  - (1) The Superintendent of Supply Administration, Sydney (short title—SSA), is responsible for the co-ordination of main storings of HMA ships in respect of Naval Stores, Air Stores, Machinery and Spares, Armament and Weapon Equipment Stores, and Victualling Stores, and he is to be informed by letter of the date proposed for storing ship. If action by signal is necessary, messages should be addressed FOICEA info C of P, in accordance with the provisions of Navy Order 102 of 1968;
  - (2) demands are to be lodged in ample time prior to date required for supply;

- (3) all items are to be suitably labelled or otherwise identified by the store depot to facilitate checking by the ships representative, and are to be segregated, for issue, into cartons, baskets, bundles or lots each of which is to be given a package number and labelled as to ship and store-room (when this information is shown on the demand) to which delivery is to be made. The package number is to be shown on all copies of the Issue Voucher (IV) or LIV, Copy No 3 of which is to be included in the package. For stores not on EDP, Copy No 4 of the LIV is to be sorted according to package and retained pending collection of the stores;
- (4) the ship is to be informed by the store depot of the stores to be supplied in terms of truck, lighter, etc, loads (in lots relative to ships store-rooms where practicable) and a delivery schedule to meet both ship and store depot requirements arranged;
- (5) the stores are to be delivered alongside the ship, and receipt from the ship for packages, etc, obtained on Forms AD 78 (ST110/ST111). When issue is made on LIV forms, Copy No 4 of the LIV is to be handed to the ship when delivery is effected. For stores demanded through the EDP Centre, Form SX 21, Stock in Transit Advice, will be forwarded to the consignee direct from the EDP Centre at the same time as the IVs are sent to the store depot for action. The ship is responsible for providing working parties for unloading trucks, lighters, etc, and embarkation of items; and
- (6) re-usable cartons, baskets, etc, are to be returned by the ship to the store depot for further use.

**c. Establishments**

- (1) Demands are to be lodged at least 48 hours prior to the scheduled delivery day;
- (2) items (suitably labelled or otherwise identified to facilitate checking by the recipient) are to be packaged by the store depot to the extent necessary to ensure safe delivery. Copies No 3 of the relevant IV or LIV are to be included in the packages. Packages are to be allocated package numbers and items delivered loose are to be allocated package or lot numbers; and
- (3) on delivery the driver of the store depot transport is to obtain a receipt on Form AD 78 (ST110/ST111) for packages, etc, delivered and is to hand a copy of the Form AD 78 (ST110/ST111) to the recipient. When issue is made on LIV forms, Copy No 4 of the LIV also is to be handed to the recipient. In the case of those stores demanded through the EDP Centre, Form SX 21, Stock in Transit Advice (which is the IV equivalent to Copy No 4 of the LIV) will be forwarded to the establishment direct from the EDP Centre at the same time as the IVs are sent to the store depot for action. It is the responsibility of the recipient to provide the necessary working party and to unload vehicles without delay.

**4. Stores Dispatched by Road, Rail, Sea, Air or Post:**

- a. When stores are packed in the store depot, Copy No 3 of the IV or LIV is to be placed in a waterproof envelope and tacked underneath the lid of the package (when practicable) or otherwise enclosed with the goods;

- b. if it is necessary for stores on one demand to be dispatched in two or more packages, Copy No 3 of the IV or LIV will be placed in the package bearing the lowest package number. A packing slip, Form AD 71Z (SG101), listing the items contained therein and the package number in which Copy No 3 of the IV or LIV is contained, is to be placed in each additional package. This procedure does not apply in the case of consignments consisting of several packages of a uniform size and description and containing identical stores, when the procedure referred to in Sub-paragraph c. is to be followed;
- c. when stores are dispatched unpacked, in bundles, drums or in other standard packages which do not require to be enclosed in outer (transit) cases, Copy No 3 of the IV or LIV is to be forwarded by the store depot to the ship or establishment by post (air mail where the consignee is overseas) as soon as the stores are dispatched);
- d. in the case of stores issued on LIVs, Copy No 4 of the LIV is to be forwarded to the consignee as an advance note immediately stores are packed and ready for dispatch. For stores demanded through the EDP Centre, Form SX 21, Stock in Transit Advice, will be forwarded to the consignee direct from the EDP Centre at the same time as the IVs are sent to the store depot for action;
- e. the consignee copy of the appropriate forwarding document, ie, Consignment Note or Bill of Lading is to be forwarded by the consignor by post, except in the case of parcels dispatched by mail when no Consignment Notes are to be raised. Any other method of forwarding advice of dispatch of stores, such as by letters, etc, at present used by some store depots, is to be discontinued as from the date of receipt of this order.

##### 5. Permanent Items Issued in Lieu of Items Returned

In the case of permanent items required in lieu of items being returned the IV or LIV normally is not to be released by the Store Depot Voucher Control Section until the receipted ships copy of the Stores Return, Form SX 27 or SX 28 is produced. If it is not practicable to return a defective permanent item until the replacement item is supplied, the Stores Demand is to be prepared in the normal manner and a Stores Return raised for the item returned. The demand is to be annotated 'Defective item retained pending replacement' and the registration details of the Stores Return inserted in the appropriate block. The Stores Return bearing a reference to the demand registration number is to be sent, with the demand for the new item, to the Store Depot, from where it will be returned to the ship or establishment and retained for eventual dispatch with the defective item as soon as the serviceable replacement is received. The Store Depot is to take follow up action to ensure that the defective item is returned.

##### 6. Delivery of Stores on Board

As soon as possible after stores have been received on board the following action is to be taken:

- a. Check the contents of the package against Copy No 3 of the IV or LIV;
- b. verify Copy No 3 with Copy No 4 of the LIV or the Stock in Transit Advice (for those stores demanded through the EDP Centre);
- c. confirm, by re-check, any discrepancy between the stores listed on Copy No 3 and those received;

- d. for non-recurring consumable Naval Stores taken into direct use, obtain signature of responsible departmental officer in the box provided on Copy No 3 of the IV or LIV. For items being placed in stock, endorse particulars of the stowage location on Copy No 3 of the IV or LIV;
- e. pass Copy No 3 of the IV or LIV and Copy No 4 of the LIV, or the Stock in Transit Advice (pinned together), together with details of any discrepancies to the store office for ledger or replenishment record action, as appropriate;
- f. complete the 'Certificate of Receipt' box of Copy No 4 of the LIV or the Stock in Transit Advice. Where there are no differences between the stores received and the quantities and description charged the certificate may be signed by storekeeping sailors of leading rank and above. Where discrepancies are involved or stores are received in a damaged condition the certificate is to be signed in ink by the Store Accounting Officer; in such cases the 'quantity received' and 'condition' columns on the forms are to be completed; and
- g. forward without delay the certified Copy No 4 of the LIV or the Stock in Transit Advice to the consignor.

7. In the case of Naval Stores (including those Naval Stores managed by the Victualling Branch) issued direct to units or ships on Naval Store Inventory Accounts and when Spare Gear is issued direct to Patrol Boats, the foregoing procedure is to be varied as follows:

##### a. *Naval Stores Drawn by a Ships or Units Representative.*

The procedure in Paragraph 2 applies except that Sub-paragraph 2. c. is to be varied as follows:

Copy No 3 of the LIV is to be forwarded by the Store Depot direct to the Supply Officer of the parent ship or base instead of being handed to the ships or units representative at the time the stores are collected.

##### b. *Naval Stores Delivered by Supply Division Transport.*

The procedure in Paragraph 3 applies except that Sub-paragraphs 3. b. (3) and 3. c. (2) are to be varied as follows:

Copy No 3 of the LIV or IV is to be forwarded by the store depot direct to the Supply Officer of the parent ship or base instead of being included in the packages. A Packing Note, Form AD 71Z (SG101) listing the contents and endorsed with the registration details of the IV or LIV, is to be inserted in the packages in lieu of the No 3 Copy of the IV or LIV.

##### c. *Naval Stores Consigned to Units or Ships.*

The procedure in paragraph 4 applies except that Sub-paragraph 4. a. is to be varied as follows:

- (1) One copy of a Packing Note, Form AD 71Z (SG101), listing the contents and endorsed with the registration details of the IV or LIV, is to be inserted in the case in lieu of Copy No 3 of the IV or LIV. Copy No 3 is to be sent by the store depot direct to the Supply Officer of the parent ship or base; and
- (2) when it is impracticable to include the Packing Note with the stores, ie, in the circumstances described in Sub-paragraph 4. c., the Packing Note is to be forwarded by post direct to the unit or ship to which the stores are consigned.

d. *Delivery of Stores on Board.*

The procedure in Paragraph 6 does not apply. The following procedure is to be used:

- (1) On receipt of the stores in the unit or ship, the responsible officer is to check them against Copy No 4 of the LIV for stores collected by a representative or the Packing Note, Form AD 71Z (SG101) for stores delivered by Supply Division transport or dispatched by road, rail, sea, air or post. The Packing Note is to be compared with the No 4 Copy of the LIV or the Stock in Transit Advice, Form SX 21 (in the case of those stores demanded through the EDP Centre); and
- (2) after checking the stores, the officer is to receipt the No 4 Copy of the LIV or Form SX 21, as applicable (other than in the certificate of receipt block), insert particulars of any discrepancies, post his copy of the inventory account and forward Copy No 4 of the LIV or the Form SX 21 to the Supply Officer of the parent ship or base. The latter officer is to complete the 'certificate of receipt' and return this copy to the supplying authority.

e. *Spare Gear Issued to Patrol Boats.*

Spare Gear for Patrol Boats normally is to be issued to the appropriate Operating Base to which all documents are to be forwarded. In exceptional circumstances, it may be necessary for the SSO concerned to issue Spare Gear direct to Patrol Boats, eg, when a Patrol Boat requires items urgently and it is not practicable to obtain them from its Operating Base, and in such cases the procedure is to be the same as that followed for Naval Stores for ships on Inventory Account (*see* Sub-paragraphs a. to d. above).

8. The foregoing will be included in Manuals of Store Depot Operating Procedures. ABR 4 and ABR 93 will be amended as necessary.

(DSAP 400/1/413)

(Navy Order 102 of 1968)

UNCLASSIFIED

#### 450—Supply of Gamlen Products to HMA Ships

1. With reference to Paragraph 4 of Navy Order 642 of 1966, in urgent cases when ships require supplies of Gamlen products in ports other than Sydney, and it is not practicable to await delivery from SNSO, Sydney, the following procedure is to apply:

- a. In Australian ports local purchase action is to be taken in accordance with ABR 4 Chapter 28. Annex A lists Gamlen Company offices and agents in Australian ports other than Sydney.
- b. In overseas ports HMA ships are to contact the nearest office or agent of the Gamlen Chemical Company and arrange for supply of the required items. Annex B lists Gamlen Company offices and agents in various overseas ports. Local purchase action is to be taken in accordance with ABR 4 Chapter 28 subject to the following conditions:
  - (1) No monetary discussions between HMA ships and Gamlen Company offices or agents are to be undertaken other than to advise the office or agent that payment will be made by the Department to Gamlen Chemical Company (A'sia), Sydney.

- (2) Copies of orders/requisitions are not to show rates or amounts and are to be endorsed to clearly show that payment will be made to Gamlen Chemical Company, Sydney.
- (3) All documents, namely delivery dockets, marine receipts, etc, are to be receipted by the Supply Officer and returned to the Gamlen office or agent from whom the items were obtained, for onwards transmission to the Gamlen Chemical Company (A'sia), Sydney.
- (4) On receipt of the stores and completion of vouchering and stores ledger action, claim in favour of Gamlen Chemical Company, Sydney, is to be prepared and certified by the ship to show all details other than rates and amount. At the time of completion of Supply Officers Certificate, the words 'in regard to rate of charge' are to be deleted.
- (5) Claims supported by requisition (pink) copy of the orders are to be forwarded under separate Form NA 5 to the Area Finance Office, Garden Island, who will arrange for rating and valuation of the claim and certificate of correctness of rates by SNSO prior to payment.

2. ABR 4 will be amended in due course.

#### ANNEX A

##### List of Gamlen Chemical Company Sales Representatives and Offices in Australian Ports Other Than Sydney

State	Port	Name and Address	Phone	Cable
NSW	Newcastle	Gamlen Chemical Co (A'sia) Pty Ltd, c/o 10 Dangar Street, Wickham, NSW 2293	61-5033	Gamlenite
NSW	Port Kembla	Gamlen Chemical Co (A'sia) Pty Ltd, c/o TNT, Springhill Road, Coniston, NSW 2500	2-1240	Gamlenite
Vic	Melbourne	Gamlen Chemical Co (A'sia) Pty Ltd, 162-172 Barkly Avenue, Burnley, Vic 3121	42-2000 42-4700 42-6136	Gamlenite
Vic	Geelong	Gamlen Chemical Co (A'sia) Pty Ltd, c/o Geelong Provedores, PO Box 287, Geelong, Vic. 3220	9-2538	—
SA	Adelaide	Gamlen Chemical Co (A'sia) Pty Ltd, 58 Henley Beach Road, PO Box 511E, Mile End, SA 5031	57-4992	Gamlenite
WA	Fremantle	Gamlen Chemical Co (A'sia) Pty Ltd, c/o 11 Ferndale Street, Floreat Park, WA 6014	87-1957	Gamlenite
WA	Albany	Gamlen Chemical Co (A'sia) Pty Ltd, c/o L. Westcott, 225 Albany Highway Albany, WA 6330		—

## APPENDIX A—continued

State	Port	Name and Address	Phone	Cable
Q'ld	Brisbane	.. Gamlen Chemical Co (A'sia) Pty Ltd, 30 Albert Street, PO Box 37, Clayfield, Qld 4011	6-5242	Gamlenite
Qld	Gladstone	.. Gamlen Chemical Co (A'sia) Pty Ltd, c/o Queensland Machinery Pty Ltd, Gladstone, Qld 4680		Machinery
Qld	Townsville	.. Gamlen Chemical Co (A'sia) Pty Ltd, c/o Queensland Machinery Pty Ltd, Townsville, Qld 4810		Machinery
Qld	Cairns	.. Gamlen Chemical Co (A'sia) Pty Ltd, c/o Queensland Machinery Pty Ltd, Cairns, Qld 4870		Machinery
Qld	Bundaberg	.. Gamlen Chemical Co (A'sia) Pty Ltd, c/o Queensland Machinery Pty Ltd, Bundaberg, Qld 4670		Machinery
NT	Darwin	.. Gamlen Chemical Co (A'sia) Pty Ltd, c/o Burns Philp & Co Ltd, PO Box 460, Darwin, NT 5794	2871	—
Tas	Launceston	.. Gamlen Chemical Co (A'sia) Pty Ltd, Cargo Mercury Building, Cnr Wellington and Howick Streets, Launceston, Tas 7250	44-3901	Gamlenite

## ANNEX B

## List of Gamlen Chemical Company Sales Representatives and Offices in Certain Overseas Ports

Port	Name and Address	Phone	Cable
Auckland	.. Gamlen Chemical Co (NZ) Ltd 17/21 Craham Street, PO Box 5545	.. 20-687	Gamlenite
	Gamlen Chemical Co (NZ) Ltd, c/o H. J. Asmuss & Co Ltd, PO Box 213	.. 48-923	Asmolite
Bangkok	.. see Singapore		
Hong Kong	.. Gamlen Hong Kong Room 801, Shell House, Queens Road, Central	.. 23-6662	Gamlenite
	Getz Bros & Co Edinburgh House, Queens Road, Central PO Box 532	.. 23-5061	Getz

## APPENDIX B—continued

Port	Name and Address	Phone	Cable
Manila	.. Getz Bros & Co Inc Pasong Tamo Ext at Don Bosco Road, PO Box 421	.. 88-0911	Getz
Singapore	.. Getz Bros & Co Inc 53 Robinson Road, PO Box 234	.. 9221-2-3	Getz
	Kee Cheong Engineering Works 4-C Raffles Place	.. 74-804	Shipworks
Wellington	.. Gamlen Chemical Co (NZ) Ltd PO Box 1117		Gamlenite
	Gamlen Chemical Co (NZ) Ltd c/o Spencer Clarke and Co Ltd, SM Motors Building Cnr Ghuznee and Taranaki Streets, PO Box 6447	.. 5-6841	Clarkship
Yokosuka	.. Yamamizu Trading Co Ltd, Daisanbashi Kyoda Building, No 1 1-chome, Kaigan-Dori, Naka-ku, Yokohama	.. 20-4806 20-4807	Yamamizu Yokohama

(DSAP 512/80/290)

(Navy Order 642 of 1966)

## UNCLASSIFIED

## 451—20-Man Inflatable Liferaft—GRP Containers

1. GRP containers for 20-man Inflatable Liferrafts, Pattern 5604, together with separate containers for associated survival equipment are being introduced into HMA Fleet by A & A action; the general arrangement of the raft and equipment containers is shown in Fig 1 of Diagram Issue 4 of 1968.

2. Before packing the liferaft into its valise, in accordance with the introductions in BR 1977 (1) 1963, the operating cord pocket is to be removed from the end of the valise and repositioned directly opposite the operating cord eyelet (Fig 2 of Diagram Issue 4 of 1968). The pocket is to be sewn to the valise between the carrying handles, with the top of the pocket 3 in below the valise lacing grommets, using No 8 thread.

3. The valise and raft are to be placed in the lower portion of the GRP container with the operating cord eyelet in way of the rubber membrane. Three holes are to be pierced in the rubber membrane fitted in the upper half of the container and the end of the operating cord is passed through one hole for attachment to the ship. The two halves of the liferaft container are to be fastened together with the bolts provided, and tightened with a tension of 4 in lb. The nuts are to be locked into position with bronze split pins.

4. The line from the hand operating toggle is to be passed through the rubber from the outside and secured to the operating cord in the normal manner, leaving the toggle outside the container.

5. The lazy line is to be passed between the upper and lower halves of the container, back through the rubber in the upper half of the container from the outside, and attached to the operating cord in the normal manner. The length of the lazy line is to be increased from 16 ft to 18 ft to allow for positive withdrawal of the operating cord.

*Note:* This method of attachment of the lazy line allows the upper half of the container to be blown free on inflation of the liferaft.

6. A 4 ft length of 600 lb nylon line is to be secured to the handle of the valise by a bowline, passed through the end of the GRP container (Fig 3 of Diagram Issue 4 of 1968) and secured to the Survival Pack.

#### Packing the Survival Packs

##### Survival Pack No 1

7. The following items are to be packed in Survival Pack No 1, as shown in Fig 4 of Diagram Issue 4 of 1968:

Water (in 16 oz tins) .. .. .	42
Rations (in packages) .. .. .	60
Cup, measuring .. .. .	1
Sponges .. .. .	10
Matches, safety, waterproof .. .. .	2
First Aid Outfit Scale K .. .. .	1
Awning struts .. .. .	2
De-oiling cream .. .. .	1
Torch complete with bulb and batteries .. .. .	2
Signals, distress, Mk 13 Mod 0 .. .. .	2

##### Survival Pack No 2

8. The following items are to be packed in Survival Pack No 2, as shown in Fig 5 of Diagram Issue 4 of 1968:

Water (in 16 oz tins) .. .. .	42
Rations (in packages) .. .. .	60
Cup, measuring .. .. .	1
Sponges .. .. .	10
Repair outfit and clamp .. .. .	2
Matches, safety, waterproof .. .. .	2
Awning struts .. .. .	2
Sea cell (40 hours) .. .. .	1
De-oiling cream .. .. .	1
Signals, distress, Mk 13 Mod 0 .. .. .	2
Bulb for marker light .. .. .	1

#### Raft and Valise

9. The following items are packed inside the raft:

Cat No	Item	Qty
0472/7512 ..	Solar stills .. .. .	6
0472/7511 ..	Rain Water bags .. .. .	3
0472/2230 ..	Outfit, rescue line .. .. .	2
0472/5633 ..	Bellows (wooden type) .. .. .	1
or	or	
0472/ ..	Bellows (rubber type) .. .. .	1
0472/2125 ..	Knife, floating .. .. .	1
or	or	
0472/2228 ..	Knife, floating and can piercer .. .. .	1
BQ1324 ..	Handbook .. .. .	1
27H/2072 ..	Heliograph .. .. .	1
	Rescue strop .. .. .	1
276/2176 ..	Leak stoppers (set of 8 No comprising 2 No each 27C/2178-2179-2180, 7513)	1 set
0472/1962 ..	Bailers with bag .. .. .	3
	Seasickness tablets .. .. .	1 tin
	Drogue .. .. .	1
0562/202000	Sea Cell (4 hours) .. .. .	1
0523/16480 ..	Light fitting complete with cable and plug .. .. .	1
32B/726 ..	Sponge viscose* .. .. .	2

\* Sponge viscose Cat 0462/1964 is used when replacement necessary.

10. It will be noted that the scale of food and rations are those required for three days.

(CONS 1211/51/324)

### Section 5

#### BOOKS, CORRESPONDENCE, FORMS AND STATIONERY

##### UNCLASSIFIED

#### 452—JSP (AS) 102, The Joint Services Staff Manual Volume 11, Service Writing—Introduction in the RAN and Department of the Navy

1. JSP (AS) 102, The Joint Services Staff Manual, Volume 11, Service Writing has been introduced within the RAN. It sets down the rules for all service writing (typing and manuscript).

2. The provisions of the publication have also been adopted by Department of the Navy with the one exception as set down in Paragraph 4 below.

3. Copies of JSP (AS) 102 are being issued without demand in accordance with the Annex.

4. The current practice in Navy Office where material signed by or for Secretary does not have a name typed will continue in lieu of that laid down in JSP (AS) 102, Chapter 2, Paragraph 228a.

5. In addition to the policy laid down in JSP (AS) 102 the convention in respect of quotation marks will be varied as follows:

Single quotation marks will generally be used reserving the double form of quotation marks for a quotation within a quotation.

## ANNEX

## Distribution of JSP (AS) 102, The Joint Services Staff Manual, Volume II, Service Writing

Unit	Column (1)—Initial distribution		Column (2)—Final total distribution		Unit	(1)		(2)	
	(1)	(2)	(1)	(2)		(1)	(2)	(1)	(2)
Navy Office, Canberra and Melbourne .. ..	98	313			<b>Air Squadrons</b>				
			NAS 723 .. ..	1 1					
			NAS 724 .. ..	1 1					
<b>HMA Ships</b>			NAS 725 .. ..	1 1					
ANZAC .. ..	1	2	NAS 805 .. ..	1 1					
BRISBANE .. ..	1	2	NAS 816 .. ..	1 1					
DERWENT .. ..	1	2	NAS 817 .. ..	1 1					
DIAMANTINA .. ..	1	2	NAS 851 .. ..	1 1					
DUCHESS .. ..	1	2			<b>HMA Shore Establishments and Authorities</b>				
GULL .. ..	1	1			<i>New South Wales</i>				
HAWK .. ..	1	1			FOICEA .. ..	1	270		
HOBART .. ..	1	2			FOCAF .. ..	1	10		
KIMBLA .. ..	1	1			GMGID .. ..	—	80		
MELBOURNE .. ..	1	6			ALBATROSS .. ..	1	20		
MORESBY .. ..	1	2			CRESWELL .. ..	1	6		
PALUMA .. ..	1	1			HARMAN .. ..	1	6		
PARRAMATTA .. ..	1	2			KUTTABUL .. ..	1	10		
PERTH .. ..	1	2			KUTTABULL II .. ..	1	2		
QUEENBOROUGH .. ..	1	2			NIRIMBA .. ..	1	10		
SNIPE .. ..	1	1			PENGUIN .. ..	1	10		
STALWART .. ..	1	4			PLATYPUS .. ..	1	6		
STUART .. ..	1	2			RUSHCUTTER .. ..	1	3		
SUPPLY .. ..	1	2			WATERHEN .. ..	1	6		
SYDNEY .. ..	1	6			WATSON .. ..	1	10		
VAMPIRE .. ..	1	1							
VENDETTA .. ..	1	2			<i>Victoria</i>				
YARRA .. ..	1	2			GMWD .. ..	—	21		
OTWAY .. ..	1	1			NOIC VIC .. ..	1	12		
OXLEY .. ..	1	1			CERBERUS .. ..	1	30		
ADVANCE .. ..	1	1			LONSDALE .. ..	1	2		
AITAPE .. ..	1	1							
ARCHER .. ..	1	1			<i>Northern Territory</i>				
ASSAIL .. ..	1	1			NOIC NA .. ..	1	1		
ATTACK .. ..	1	1			MELVILLE .. ..	1	6		
AWARE .. ..	1	1							
LAE .. ..	1	1							
SAMARAI .. ..	1	1							

Unit	(1)	(2)	Unit	(1)	(2)
<b>HMA Shore Establishments and Authorities—continued</b>			<i>Tasmania</i>		
			NOIC TAS .. ..	1	1
<i>New Guinea</i>			HUON .. ..	1	1
NOIC NG .. ..	1	1			
TARANGAU .. ..	1	4	<i>Western Australia</i>		
			NOIC WA .. ..	1	1
<i>Queensland</i>			LEEWIN .. ..	1	15
NOIC QLD .. ..	1	1			
MORETON .. ..	1	4	<i>Overseas</i>		
			CARPENTARIA .. ..	1	10
<i>South Australia</i>			WARATAH .. ..	1	10
NOIC SA .. ..	1	1			
ENCOUNTER .. ..	1	3			

(CEO (GS) 465/1/1199)

RESTRICTED

NO.	NAME	ADDRESS	CITY	STATE
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RESTRICTED



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ANO's 453-466/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
15 August 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

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19857/68

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No	Title
<b>SECTION 1—ADMINISTRATIVE AND GENERAL</b>	
453	Electrical and Radio—Operation of Private Equipment.
454	RI—Quarterly List of Navy Orders Affecting.
<b>SECTION 2—PERSONNEL</b>	
455	Aircrewman Category of the Naval Airman Branch.
456	Furlough.
457	RAN Communication Sailors—Singapore.
<b>SECTION 3—OPERATIONAL AND TRAINING</b>	
458	Training of Engine Room Personnel.
<b>SECTION 4—EQUIPMENT, STORES AND SERVICING</b>	
459	Alteration and Addition Item—HMAS DUCHESS.
460	Ammunition—Propellant—Landing—Destruction—Reports.
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462	Fixed Issuing Prices for Provisions and Victualling Allowances as from 1 July 1968.
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465	Patrol Vessels—Accounting for Naval Stores and Machinery and Spares.
466	Rectifiers—Selenium Type—Precautions in Handling.

## Section 1

### ADMINISTRATIVE AND GENERAL

#### UNCLASSIFIED

#### 453—Electrical and Radio—Operation of Private Equipment

1. Commanding Officers of HMA ships and establishments are to ensure that Standing Orders direct that all private electric, electronic and radio equipment is to be approved by an Electrical Officer as safe from shock and fire risks before installation. In HMA ships and establishments where an electrical planned maintenance system has not been introduced, arrangements are to be made for the regular examination of all private electrical appliances.

2. Private equipment should be supplied from an approved DP switch socket, and the equipment should be switched off at the socket when not in use. At it is possible that in certain ships DP switch sockets are not fitted throughout, the plug supplying the equipment is always to be withdrawn from the socket when the equipment is left unattended.

3. No accountable public expense is to be involved in installing private equipment.

4. Navy Order 453 of 1965 is hereby cancelled.

(CONS 177/51/11)

(Navy Order 453 of 1965)

#### UNCLASSIFIED

#### 454—RI—Quarterly List of Navy Orders Affecting

1. With reference to Page iv of RI, the following list shows those Navy Orders in force on 30 June 1968, which amend or amplify RI (as corrected up to Amendment No 15):

RI Article	Navy Order	RI Article	Navy Order
Chapter 1, Section iv	272/1965	1522	450/1967
0235	142/1968	1525	158/1968
0306	142/1968	1571	158/1968
0323	142/1968	1573	308/1967
0347	467/1968	1602	308/1967
	171/1965	1661	273/1968
	658/1965	1672	171/1968
	710/1965	1842	185/1968
	711/1965	1846	445/1967
Chapter 5	742/1965	1850A	124/1968
	117/1966	1850B	105/1968
	16/1967	Chapter 18, Sections VI-VIII	
	95/1967	Chapter 19, Part II	542/1967
1023	571/1966	Chapter 20, Part III	
1071	378/1966	2039C	274/1968
	257/1967	2093A	100/1968
1232	634/1965	2908	142/1968
	526/1967		
1239	526/1967		

<i>RI Article</i>	<i>Navy Order</i>	<i>RI Article</i>	<i>Navy Order</i>	
3591	} 79/1968	APP 4B ..	{ 483/1965	
3592			..	{ 535/1967
3593			..	{ 497/1966
3594			..	{ 498/1966
4487			..	{ 14/1967
5209	..	APP 5A ..	{ 88/1968	
5211	..	APP 10A ..	{ 174/1965	
5605	..		..	{ 378/1966
5801	..		APP 26B ..	{ 493/1967
6261	..		..	{ 136/1967
AAP 4A	..		APP 45A ..	{ 535/1967
	..		{ 323/1966	

2. Navy Order 494 of 1967 is hereby cancelled.

(CEO (GS) 465/3/4)

(Navy Order 494 of 1967)

## Section 2 PERSONNEL

### UNCLASSIFIED

#### 455—Aircrewman Category of the Naval Airman Branch

Navy Order 270 of 1968 is to be amended as follows:

Delete existing Sub-paragraph e. and insert the following in lieu:

'e. have passed ET 1 and standard NBCD; and'.

(HPB 303/221/87)

(Navy Order 270 of 1968)

### UNCLASSIFIED

#### 456—Furlough

1. The provisions promulgated in Navy Order 474 of 1967, Paragraph 3, which govern the payment-in-lieu of furlough to members who are discharged or retired at their own request for domestic or other pressing circumstances, may only be implemented in cases where the member is or was released prior to completion of engagement or reaching retiring age.

2. This new concession is not to be regarded as a means of generally reducing the qualifying period for pay in lieu of furlough from 15 to 10 years. It is to provide for the exceptional situation where the member has no other alternative than that of applying for early discharge or retirement.

3. It does not, for instance, provide for payment where a member is discharged 'Engagement Expired' because he is unable to re-engage due to domestic or other pressing circumstances; nor would payment be approved if his situation could be met by alternative employment with the Commonwealth at a new place of domicile or employment with the Commonwealth in another appropriate category.

4. Similarly, a short term domestic emergency which can be met by a grant of recreation leave or leave without pay will not enable the member to qualify for the new concession.

(HPB 271/1/63)

(Navy Order 474 of 1967)

### RESTRICTED

#### 457—RAN Communication Sailors—Singapore

1. From time to time there will be a requirement for recommended members of the Communication Branch (General Service Radio and Special), either married or single, to serve at Singapore for a period of two years. A roster of recommended volunteers for such service will be maintained in the Posting Office. It will be necessary to do pre-commissioning training for four weeks at HMAS HARMAN.

2. Final selection of recommended volunteers will be made by the Naval Board.

3. Conditions of service contained in the following paragraphs are promulgated for information purposes:

#### Service

4. Service will count as shore service for all purposes.

#### Promotion

5. The following facilities are available at STC Kranji for Radio Operators wishing to qualify for higher rank:

a. Refresher training.

b. Section 1 of Promotion Boards for higher rank by the Promotion Board convened during visits by HMA ships to Singapore. Appropriate subjects of Section 2 of Promotion Boards in accordance with the instructions in Chapter 12 of ABR 27 and in ABR 5009/64 may also be taken during such visits or at Kranji, except where Section 2 of the Promotion Board consists of a promotion course. Provisional promotion in accordance with ABR 10/64 Article 0214 will apply.

#### Leave

6. Leave will accrue at the rate of 42 days per annum, but with a view to maintaining the sailors health and efficiency and to avoid excessive accumulation of leave, it is expected that at least two weeks a year will be taken locally. RI 0947A refers. Leave Travel—see NPI 105/29.

#### Recreation

7. Recreational facilities at RAF Seletar available to sailors include tennis, golf, swimming and other sporting activities. There are two cinemas and various Service clubs. Sailors wives may join voluntary organisations.

#### Engagements

8. Selected sailors should have sufficient time to serve to cover service in area plus leave on return, otherwise re-engagement is to be effected in accordance with current navy orders.

**Family Passage**

9. Wives and families of selected sailors will be granted passages at Departmental expense. *See* NPI 232 for details.

**Pay and Marriage Allowance**

10. a. *Pay*. To be in Australian currency converted at the normal rate of exchange.
- b. In order to allow credit of Marriage Allowance to continue to a sailor accompanied overseas by his wife, it is necessary for a qualifying allotment at a rate not less than that shown in NPI 84/1 (b) to be declared payable direct to the wife. This should be declared before leaving Australia, if possible, or immediately after arrival in Singapore.

**Accommodation**

11. Unmarried or married unaccompanied sailors will be accommodated in Service messes.

**Allowances**

12. Married accompanied sailors living out. *See* NPI 105/1-29 and NPI 105/301-399.

**Housing**

13. Sailors are responsible for securing suitable accommodation and applying to the appropriate authority for it to be approved. For governing conditions *see* NPI 105/21.

**Taxation Concessions**

14. *See* NPI 105/39.

**Medical, Dental and Optometry**

15. *See* NPI 105/308-9.

**Transport of Furniture to Australia**

16. Any additional furniture necessarily purchased by the sailor while married accompanied in Malaya:

- a. to supplement the furniture contained in a furnished privately-owned residence, occupied because an official residence is not available, to the scale provided in an official residence;
- b. to bring the furniture in a partly furnished official residence up to the scale when items normally supplied are unavailable; or
- c. to bring the furniture in a 'fully' furnished official residence up to the scale when such residences are inadequately furnished,

may be transported to Australia by sea at public expense up to a maximum of 2 shipping tons (80 cu ft) on the return of the sailor and his family to Australia. The prior approval of the Naval Board is to be obtained in all instances. Claims for reimbursement of the cost of transport of the furniture should be submitted to Navy Office on return of the sailor to Australia. NPI 243 refers.

17. Items of furniture bought under the provisions of NPI 105/21 (6) are not to be brought to Australia as they remain the property of the Department.

18. Import duties exemption claims will cover only furniture, electrical goods and household effects purchased and used for at least 12 months prior to sailors return to Australia.

**Allowances**

19. Unmarried or married unaccompanied sailor—living-in—*see* NPI 105/30-100 and NPI 105/301-399.

20. Food prices are generally higher than those in Australia. Trades people call.

21. A separate navy order will be issued regarding WRANS service in Singapore.

22. Navy Order 33 of 1965 is hereby cancelled.

(HPB 333/201/28)

(Navy Order 33 of 1965)

**Section 3****OPERATIONAL AND TRAINING****UNCLASSIFIED****458—Training of Engine Room Personnel**

1. Navy Order 442 of 1966 is *to be amended* to include the following:

2. In order to provide billets at sea for acting Mechanics/Mechanicians D 2nd class and Engine Room Artificers/Engine Room Artificers D 3rd class, to reduce turbulence in posting and to assist in normal forecast posting, it is essential that foreknowledge of expected award of Engine Room Watchkeeping Certificates to individual Mechanics/Mechanicians D and ERAs/ERADs be available in Navy Office.

3. On the last day of January, April, July and October all ships are to report by letter to the Deputy Director of Manning, Navy Office, Canberra, the state of training as follows:

**Report of Training of Engine Room Personnel**

List of names of sailors who could reasonably be expected to qualify for confirmation or for the award of one of the following certificates, giving a brief comment on their training progress and a forecast of the probable date of confirmation or award of the certificate:

- a. Throttle Watchkeeping Certificate (TWC).
- b. Auxiliary Machinery Watchkeeping Certificate (AWC).
- c. Boiler Room Watchkeeping Certificate (BRWC).
- d. Machinery Watchkeeping Certificate Diesel (MWCD).
- e. Engine Room Watchkeeping Certificate (ERWC).
- f. Engine Room Watchkeeping Certificate Diesel (ERWCD).

(DMT 303/21/84)

(Navy Order 424 of 1966)

## Section 4

## EQUIPMENT, STORES AND SERVICING

## UNCLASSIFIED

## 459—Alteration and Addition Item—HMAS DUCHESS

The following Alteration and Addition Item is approved to be carried out in HMAS DUCHESS:

*Class List Item No 140 (Ex TDL 'Y').*

- a. *Item:* To provide two way change over switch in main air conditioning control wiring in accordance with Garden Island Electrical Drawing 533/275 to enable the base load to be alternated between the two compressors fitted.
- b. *Reference:* HMAS DUCHESSs Form AS 1182 TDL 'Y' dated 4 May 1967 forwarded under cover of FOCAF Memorandum 1212/27/37 dated 22 May 1967.

(CNTS 1215/59/175)

## UNCLASSIFIED

## 460—Ammunition—Propellant—Landing—Destruction—Reports

(DCI (RN) 431/1968)

1. Propellant of the following lots is due for withdrawal having reached age limits:

<i>Propellant Lots Affected</i>	<i>Type</i>	<i>Nature of Ammunition for Which Proved and Which May also be Affected</i>
RNC 4771 .. RNC 4786 .. RNC 4788 .. RNC 4799 ..	.. } SC/Z 008	.. Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNC 4747 .. RNC 4778 .. RNC 4779 .. RNC 4809 ..	.. } SC 048	.. Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNC 4764 .. RNC 4790 .. RNC 4796 ..	.. } SC 061	.. Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNC 4777 .. RNC 4795 .. RNC 4808 ..	.. } SC 103	.. Cartridges: QF 4.5 in (SL), QF 4 in
RNC 4817 ..	.. NF 029	.. Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNC 4770 .. RNC 4792 .. RNC 4816 ..	.. } NF/S 168-048	.. Cartridges: QF 4.5 in (SL)

<i>Propellant Lots Affected</i>	<i>Type</i>	<i>Nature of Ammunition for Which Proved and Which May also be Affected</i>
RNC 4765 .. RNC 4766 .. RNC 4781 .. RNC 4797 .. RNC 4798 .. RNC 4810 ..	.. } HSCK/T 134-055	Cartridges: SQUID, A/S Mortar
RNP 710 .. RNP 724 ..	.. } SC 061	.. Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNP 708 .. RNP 709 .. RNP 723 ..	.. } SC 103	.. Cartridges: QF 4.5 in (SL), QF 4 in
RNP 721 ..	.. SC 140	.. Cartridges: Impulse Torpedo
RNP 731 ..	.. NF 029	.. Cartridges: QF 4.5 in (SL)
RNP 699 ..	.. NF 042	.. Cartridges: QF 4 in, QF 4.5 in (SL)
RNP 730 ..	.. NF 059	.. Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNP 779R ..	.. NF 080	.. Cartridges: QF 4 in (FA)
RNP 702 ..	.. NF/S 164-048	.. Cartridges: QF 4.5 in (SL)
RNP 694 .. RNP 695 .. RNP 729 ..	.. } NF/S 168-048	.. Cartridges: QF 4.5 in (SL)
RNP 696 ..	.. NF/S 116-036	.. Cartridges: QF 4 in (FA)
RNP 715 ..	.. NF/S 198-054	.. Cartridges: QF 4.5 in (SL)
RNP 700 .. RNP 705 .. RNP 719 .. RNP 732 ..	.. } HSCK/T 134-055	Cartridges: SQUID, A/S Mortar
RNP 2471 ..	.. SUK/X11	.. Motors Rocket A/C 3 in
BS 20630 ..	.. SUK 1.7-0.6	.. Motors Rocket 2 in Flare
VC 4291 .. VC 4295 ..	.. } N/S 164/048	.. Cartridges: QF 4 in (FA)
MEC 157 ..	.. SC 103	.. Cartridges: QF 4.5 in (SL), QF 4 in
MEC 159 ..	.. SC 048	.. Cartridges: QF 4 in (FA), QF 4.5 in (SL)
MEC 193R ..	.. NF 052	.. Cartridges: QF 4 in (FA)

<i>Propellant Lots Affected</i>	<i>Type</i>	<i>Nature of Ammunition for Which Proved and Which May also be Affected</i>
MEC 160 .. ..	NF/S 164/048 ..	Cartridges: QF 4.5 in (SL), QF 4 in (FA)
MEC 168 .. ..	NF/S 168-048 ..	Cartridges: QF 4.5 in (SL)
2. Action to be taken by HMA ships, establishments and proof ranges		Return to RAN armament depots as early as practicable, if unable to comply within three months from date of this order, report specially to DAS for instructions. NM and ER BR 862 Article 1126 refers.
3. Action to be taken at RAN armament depots		Declare for disposal. Propellant Ac- ceptance Lists are to be amended.  (DAS 700/62/148)

## RESTRICTED

### 461—Cables, Glands and Wiring-cables—Semi-air Spaced Aluminium Sheathed—Installation—Precautions to be Observed

(DCI (RN) 1320/1966 and DCI (RN) 814/1967)

1. MOD (Navy) experience with aluminium air-spaced cables, has shown that it is necessary to retain the PVC sheath of UR63, 79, 83 and 85 to avoid corrosion. Provision of a suitable covering for the PTFE version of UR63 (0561-180779) is being investigated by MOD (Navy). In the future, new installations or replacements should be installed with PVC covered cables.

2. It should be noted that considerable care is needed to install correctly and maintain these cables. Failure generally occurs due to the following causes:

a. *Collapse of Sheath due to an Excessively Sharp Bend.*

The aluminium sheath is extremely liable to collapse when sharply bent. When this happens the cable is rendered useless and must be replaced. Cable runs should be as straight as possible and bends generous and smooth. After installation the cable should be examined visually and by passing the hand over the sheath, particularly under bends. If any doubt exists that a part of the cable has been incorrectly installed, the PVC covering must be stripped off for a more rigorous inspection of that part. The minimum coiling diameter must be worked to when reeving these cables through a ship or whenever a section of cable has to be reshaped. The minimum bending radius is only to be worked to where final bends are made. These diameters and radii are as follows:

<i>Cable No</i>	<i>NATO Classification</i>	<i>Group Class</i>	<i>Catalogue Number</i>	<i>Min BR</i>	<i>Min Coil Diameter</i>
UR63	6145	0561	910-0291	11 in	48 in
UR79	6145	0561	942-4559	11 in	48 in
UR83	6145	0561	942-4563	7 in	30 in
UR85	6145	0561	942-4565	7 in	30 in
0461-180779 (PTFE version of UR63)				11 in	48 in

0461-180779 should be used where the cable is required to pass through hot regions. There is no outer covering over the aluminium of this cable.

b. *Corrosion*

(1) 0461-180779 cable should be run on aluminium channel plate with aluminium cable clips. All glands and gland nuts should be of aluminium, and 8030-66-011-8055 Corrosion Preventive Compound (PX 109) should be applied where the gland nut is in contact with the cable and also to the thread of the gland nut at installation.

(2) Contact with copper, or copper bearing alloys, eg, brass, must be avoided and the cable must be protected from the moisture drip from copper or brass. Contact with asbestos causes corrosion and must also be avoided. Unless it is absolutely necessary the cable should not be run inside funnel uptakes.

(3) Throughout its length the cable should be degreased, pretreated with phosphoric acid to specification RAN 20, then painted with two coats of zinc chromate priming paint to specification CPC 108-60, undercoat to specification CPC E59, and topcoat to specification CPC E59.

(4) PVC covered cables are more resistant to corrosion, therefore, the remarks above, in general, do not apply except where the outer (aluminium) conductor has been exposed, either at glands or on inspection for kinks, cracks, etc. Where the outer PVC covering has been cut away its ends are to be sealed using 0474-474040 packing material (plastic filling compound) and the exposed aluminium, as well as these ends, taped with 5970-66-029-3833 insulation tape, electrical (Scotch 22).

*Ingress of Water due to Inefficient Sealing*

c. Great care is to be taken to ensure that no water or moist air enters the end of the cable when it is prepared for termination. The ingress of water into semi-air spaced cables is certain to cause breakdown. Steps should be taken to ensure that splits and cracks in the cable do not occur. When 0611-64014 and 0611-64015 plugs or 0611-64016 and 64017 sockets are fitted to cables UR63 or 0561-180779 a Schrader valve may be fitted to the plug or socket body via a tapped hole normally fitted with a blanking screw. To ensure complete dryness, warm dry air is to be passed through the cable for 10 minutes and the blanking screw replaced immediately on completion.

d. It is important to prevent the ingress of copper or aluminium dust down the cable when the cable is cut or terminated. The sheaths of these cables should therefore be cut by pipe cutter and the insulation and inner conductor sheared. A hacksaw must not be used. The ends of cables are to be effectively sealed with self-adhesive tape immediately after cutting, until they are properly terminated.

### Radio Interference Suppression

3. It is a requirement that the aluminium sheath of the cable should be securely bonded to earth where the cable passes into the ship. This is to avoid strong HF interference being conducted along the length of the cable. On the inboard side of the gland the PVC sheath should be stripped back for 2 in, a clip manufactured from 9540-66-029-3884 aluminium alloy channel, fitted around the aluminium sheath and an earth tail of the same material connected to the ships structure. Bolts and nuts should be cadmium plated steel.

(ACDC 177/201/19)

## UNCLASSIFIED

**462—Fixed Issuing Prices for Provisions and Victualling Allowances as from 1 July 1968**

1. The price lists for fresh meats and smallgoods and the supplementary price list for fresh fruit and vegetables, which have operated since 1 January and 1 April 1968, respectively, have been amended as from 1 July 1968.

2. Revised price lists have been distributed to all HMA ships and establishments.

3. Consequent upon the revision of those prices, the following rates of victualling allowances per head per day, will apply as from 1 July 1968:

	<i>Ashore</i>	<i>Afloat</i>
	\$	\$
Messes of 50 or less victualled from a separate galley ..	0.80	0.82
All other messes of 300 or less .. .. .	0.79	0.80
Messes of more than 300 .. .. .	0.77	0.79
Additional for ships of the Strategic Reserve and for ships deployed with the USN in the Far East .. .. .	—	0.04
Supplementary 'Broadside' messing allowance for HMA Ships ANZAC, DIAMANTINA, DUCHESS and QUEENBOROUGH .. .. .	—	0.01
HMAS MELVILLE .. .. .	0.82	—
HMAS TARANGAU .. .. .	0.84	—
Cadets at RANC .. .. .	} 0.88	*
Junior Recruits at Training Establishments .. .. .		
Apprentices at RANATE .. .. .		
Australian Sea Cadets attending Camps and Courses .. .. .		

\*The allowance of 88 cents per day for Cadet Midshipmen, Junior Recruits, Apprentices and Australian Sea Cadets is increased to 90 cents per day when victualled on board ships undergoing training and when messed separately.

4. Navy Order 276 of 1968 is hereby cancelled.

(D of V 903/51/147)

(Navy Order 276 of 1968)

## UNCLASSIFIED

**463—HRC Fuse Discrimination**

1. Instances have occurred where stator windings of motors have burnt out due to the circuits being incorrectly fused.

2. It is sometimes necessary to use fuses of a higher rating than is recommended due to higher starting currents, etc. If the recommended fuse is being frequently replaced the following procedure is to be observed:

- Check that there is no fault in the equipment or cables.
- Replace existing fuse with next higher rated fuse.
- Check remainder of circuit to ensure that fuse discrimination is maintained.
- Note on the fuse panel that the fuse rating has been altered.
- Amend the 'As Fitted' drawings.

3. The discrimination between fuses where one fuse feeds a number of smaller fuses shall be:

- 440 Volt Circuits—Ratio approximately 3 to 1, ie, 200 amp feeds 80 amp feeds 30 amp.
- 115 Volt Circuits—Ratio approximately 2 to 1.

4. Navy Order 358 of 1965 is hereby cancelled.

(PEE 1215/56/195)

(Navy Order 358 of 1965)

## RESTRICTED

**464—Leakage of Information on Tenders for Supplies and Services**

1. Both Department of Supply and the Commonwealth Stores Supply and Tender Board, Commonwealth Treasury have recently expressed concern at unauthorised disclosure of information in regard to Commonwealth tenders and contracts.

2. While tender offers must on occasion be discussed between Departmental demanding officers and the respective tenderers such discussions must be confined to relevant details of the actual offer only. No indication of any sort is to be given as to the likely success of an offer, or as to the number or details of any other offers.

3. Instances have occurred recently where persons who are not Commonwealth employees have had in their possession copies of Stores Circulars issued by the Commonwealth Stores Supply and Tender Board. Officers of this Department who receive or have access to Stores Circulars are reminded that these circulars contain trade and commercial information supplied to Commonwealth Government Departments on the understanding that such information is not made available to unsuccessful tenderers or any other member of the public. Inquiries by members of the public for information contained therein should be referred to the office of the Commonwealth Stores Supply and Tender Board.

4. Correspondence and documents dealing with these matters should be stamped 'COMMERCIAL IN CONFIDENCE' and handled in accordance with ANO 475/66.

5. Navy Order 434 of 1967 is hereby cancelled.

(SEO (MAT) 400/1/296)

(Navy Order 434 of 1967)

## UNCLASSIFIED

**465—Patrol Vessels—Accounting for Naval Stores and Machinery and Spares**

1. Due to practical difficulties associated with the transfer of operational base spare gear allocated to individual patrol vessels when patrol vessels are transferred between bases, it has been decided that operational base spare gear is to be allowed to the operational base on the basis of the number of vessels deployed thereto and is to be accounted for in the Spare Gear ledgers of the respective bases.

2. Details of the procedures to be followed in connection with Naval Stores and Machinery and Spares are set out in a new Chapter 41 to ABR 4 as at the Annex to this order. The existing Article 1841B is cancelled. ABR 4 will be amended.

3. In maintenance bases other than commissioned establishments, the base spares are to be accounted for in the appropriate store accounts.

4. Navy Orders 309 of 1966 and 524 of 1967 are hereby cancelled.

## ANNEX

### ABR 4 Chapter 41

#### Patrol Vessels

##### 1. 4101 Patrol Vessels and Bases:

The following arrangements are to apply to equipment and stores in patrol vessels and patrol vessel operational and maintenance bases.

##### 2. 4102 Naval Stores

- a. *Patrol Vessels*—The 'Tender' system as detailed in 1902, 1903 and 1904 is to be followed.
- b. *Operational and Maintenance Bases*—To be accounted for in the normal store accounts of the parent ship or establishment.

##### 3. 4103 Fitted Equipments, Portable Fittings and Drawings:

- a. *Patrol Vessels*—To be recorded in the vessels combined Lists of Equipment, etc, which are to be dealt with in accordance with Chapter 35, except that the lists are to be maintained by technical staff in the operational base and the triplicate and quadruplicate copies are to be distributed to the operational and maintenance bases respectively.
- b. *Bases*—To be recorded in the relevant Lists of Equipment, etc, of the parent ship or establishment.

##### 4. 4104 Spare Gear:

Will be supplied under the following headings:

- a. *On Board Spares*—Those spares which will actually be carried on board each patrol vessel.
- b. *Operational Base Spares*—Those spares which would normally be carried in a larger vessel but which cannot be carried in a patrol vessel because of weight and space restrictions. These spares will be allocated on the basis of one set for each vessel permanently deployed to an operational base.
- c. *Maintenance Base Spares*—Those spares allocated to each maintenance base. Quantities vary according to the number of vessels being maintained.

##### 5. 4105 Spare Gear—Accounting

Spare gear is to be accounted for as follows:

- a. *On Board Spares*—Separate Electrical and Engineering Accounts are to be maintained for each vessels outfit of on board spares on Forms E 55C and E 55R. These ledgers are to be maintained by the appropriate technical staff at the base in the normal manner.
- b. *Operational and Maintenance Base Spares*—These spares are to be accounted for in the Spare Gear ledgers of the base.

##### 6. 4106 Spare Gear—Allowances:

Allowances of Spare Gear will be promulgated as follows:

- a. *On Board Spares*—In the patrol vessels combined List of Equipment, etc.
- b. *Operational Base Spares and Maintenance Base Spares*—In the List of Equipment, etc, in the case of commissioned establishments. These items will be shown in a consolidated list of allowances of spare gear for patrol boats supplied by the Superintending Machinery and Spares Officer as an attachment to the relevant 'J' page. Items in the list will be numbered, commencing at 1 for each category, namely electrical and engineering. The page will be headed 'Patrol Boat Spare Gear' and is to be allocated a number in accordance with 3504 (f); for this purpose the patrol boat is to be regarded as the supported equipment and pages will be prefixed with the letter 'P', eg, P10J. The body of the page will be endorsed 'Items and line numbers as per attachment' and show the number of sets allowed which will be the equivalent to the number of boats permanently deployed to the base. The page, with its attachments, is to be filed in correct sequence in the relevant List of Equipment, etc. The resultant page and line number are to be quoted in all subsequent transactions affecting these items.

7. 4107 Stocktaking of equipment and spare gear on board is to be carried out under the supervision of the technical staff at the operational base, as detailed in Chapter 16.

8. 4108 Usage of spare gear during patrols is to be noted by crew members, as items are fitted, on Forms AS 149 which are to be handed over to the operational base staff on return of the craft. The forms are to be used to post the Spare Gear ledgers and as a requisition to replenish 'on board' spares from base stocks. After action is complete, they are to be retained at the base as on official record of the spares used.

##### 9. 4109—Transfer of Patrol Vessels:

When patrol vessels are transferred between operational bases, the vessels accounts are to be transferred to the new base as follows:

- a. *Inventory Account*—As detailed in 1902 (11) and (13).
- b. *On Board Spare Gear Ledgers*—On Forms AS 549. Supporting vouchers are also to be transferred.

10. 4110 In the event of that number of patrol vessels permanently allocated to an operational base is reduced, holdings of operational base spares are to be reduced accordingly and surplus items are to be returned to the Superintending Machinery and Spares Officer, Forms AS 197 being raised in the normal manner to adjust the Lists of Equipment, etc.

(DSAP 400/56/68)

(Navy Orders 309 of 1966 and 524 of 1967)



UNCLASSIFIED

**466—Rectifiers—Selenium Type—Precautions in Handling**

1. Selenium rectifiers are used in a wide variety of service applications. When these rectifiers burn out or suffer internal arcing, the extreme heat generated causes the selenium to react chemically with the organic lacquer finish. The compounds produced in the reaction, both fumes and residue, are toxic and the following precautions are to be observed by maintenance personnel concerned:

- a. The fumes produced in the reaction smell like garlic and thus their presence should be immediately detectable. However, after a short exposure the nose becomes insensitive to the odour. Therefore personnel should heed the first warning and leave the contaminated area until the fumes have dissipated to a harmless level; and
- b. should it be necessary to use bare hands during the replacement of the defective item, they should be thoroughly washed immediately afterwards. Failure to carry out this procedure could result in skin eruptions.

2. All unserviceable Selenium Rectifiers whether permanent or consumable items, are to be wrapped and marked 'Unserviceable Selenium Rectifier Pattern....., POISONOUS. Do not handle with bare hands' and disposed of as follows:

- a. To be dumped at sea by ships staff, wherever practicable. Forms AS 331Z should be completed for permanent items disposed of in this manner and processed in accordance with ABR 4, Article 1011; or
- b. if dumping at sea by ships staff is not possible, the items should be returned to the SNSO, Sydney, who is authorised to make necessary local arrangements for their subsequent disposal at sea by dumping, when the quantity held warrants such action.

3. This order is to be brought to the attention of all maintenance and storekeeping personnel concerned.

4. Navy Order 408 of 1965 is hereby cancelled.

(PEE 177/51/53)

*(Navy Order 408 of 1965)*

Registrar

RESTRICTED

ANO's 467-479/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
29 August 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*A. Handau.*

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

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20360/68

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## Section 1

### ADMINISTRATIVE AND GENERAL

#### UNCLASSIFIED

#### 467—Discussions with Representatives of Private Firms

1. The security clearance of private firms and their representatives should be confirmed by SEO (S), DNI, Command or area Security Officers as appropriate, before entering into discussions or transactions of a classified nature.

2. The fact that representatives of firms have had previous dealings with Department of the Navy or other Departments, should not be regarded as confirmation of their bona fides so far as security is concerned.

(SEO (S) 1617/201/79)

#### UNCLASSIFIED

#### 468—Reports of Proceedings

1. The requirements have been amended for the rendering of reports of proceedings by ships:

- a. operating under the operational control of an authority other than their administrative authority; or
- b. on detached service abroad.

2. In future, reports of proceedings are always to be addressed to the ships administrative authority, with copies to the other authorities referred to in Paragraph 3 below who may have a requirement to be informed of the proceedings.

3. Ships operating under the operational control of an authority other than their administrative authority are to forward copies of their reports of proceedings to that authority who may forward comments to Navy Office and the administrative authority if he so desires. Other authorities in the operational chain of command are to receive copies as required by local orders or instructions. Should these instructions conflict with local orders these instructions are to prevail.

4. Paragraph 10 of Appendix 29A of Regulations and Instructions is being amended.

(ASNS 18/206/913)

#### UNCLASSIFIED

#### 469—Universal Time

1. USN and other authorities frequently use the term Universal Time (UT), which has the same meaning as Greenwich Mean Time (GMT).

2. Information has been received from the Nautical Almanac Office of the Royal Greenwich Observatory that there is no intention of changing the term GMT in either The Air Almanac or The Nautical Almanac in the near future.

(DNSD 16/1/76)

**Section 2**  
**PERSONNEL**

## UNCLASSIFIED

**470—Dangers and Effects of Administration of Drugs and Reaction to  
Immunisation Procedures—Warning**

1. Drugs of the Barbiturate, Amphetamine, Tranquiliser and Antihistamine groups, which are supplied under various trade names, can have dangerous side reactions which have been regarded as the cause of accidents.

2. The side effects vary according to the individual and the type of drug used; the most common being drowsiness, dizziness, weakness, mental inco-ordination and sickness which may last 48 hours after the last treatment.

3. Similarly the reactions to various immunisation procedures can have a deleterious effect on individuals. The intake of even small amounts of alcohol may potentiate any tendency to drowsiness resulting from drugs and exacerbate adverse side effects of immunisation procedures.

4. All personnel are to be warned of the possible dangerous effects of these drugs and procedures and the following restrictions are to be applied:

- a. Aircrew who have been prescribed any of these drugs, are to be temporarily grounded, the Squadron Commander is to be informed and they are not to fly until passed fit by the Medical Officer (*see also* ABR 1991, Article 0467, Paragraph 6).
- b. Divers prescribed the drugs are only to dive at the discretion of the Medical Officer who is to ensure that the Diving Officer is aware of the circumstances (*see also* ABR 1991, Articles 0726 and 0728 (1)).
- c. Submarine personnel prescribed any of these drugs, or subjected to immunisation procedures, at the discretion of the Medical Officer may be permitted to carry on their normal duties in a submarine.
- d. Service motor transport drivers who have taken these drugs or are suffering from reaction to immunisation procedures are not to drive until passed fit by the Medical Officer who is to inform the Transport Officer of any such case.

5. No person under treatment with these drugs or suffering from reactions to immunisation procedures is to be allowed to work with moving machinery, climb heights or take charge of boats. The responsible officer concerned is to be so informed by the Medical Officer.

6. Navy Order 144 of 1966 is hereby cancelled.

(MDG 1002/59/26)

(*Navy Order 144 of 1966*)

## UNCLASSIFIED

**471—Medical and Dental Examinations Before Embarkation for Service  
Overseas**

As soon as notification of a posting for service overseas is received the officer or sailor concerned is to be instructed to report to the Medical Officer and Dental Officer for examination in accordance with RI 4487. The medical fitness of the officer or sailor for his posting is to be advised by signal as soon as a medical examination is

completed. The duplicates of the medical documents raised are to be forwarded without delay to MDG in accordance with Article 0735 of ABR 1991—Naval Medical and Hospital Instructions.

(MDG 327/54/109)

## UNCLASSIFIED

**472—Repatriation and War Service Homes Benefits and Taxation  
Exemption—Service in the Vietnam Area**

1. This order explains the manner in which benefits arise under Repatriation, War Service Homes and Tax Legislation for special service.

2. Special service is performed during a period when a member is outside Australia and he or his unit is allotted for special duty in a special area. It may also include the time of travel to and from the place of special duty.

3. Special duty is duty relating directly to warlike operations or a state of disturbance. It does not include temporary duty in special areas, such as staff visits or other occurrences of a short term nature, nor does it include service in ships engaged in escort duties or in transporting personnel and supplies to or from special areas.

4. Special areas are defined by regulations. Those currently defined are Vietnam (Southern Zone) and an area seaward (100 miles) as contained in Annex 'A'.

5. The allotment of RAN ships or units for special service is made from date of departure from the last port of call in Australia to the date of arrival at the first port of call on return to Australia.

6. Annex 'B' to this order lists the ships and units which have been allotted for special service in the Vietnam area to date and the periods of allotment, where applicable. This allotment will confer eligibility on permanently posted crew members of ships, and members posted to the respective units, for the following benefits:

- a. Repatriation entitlement for occurrences during the period of allotment;
- b. War Service Homes benefits;
- c. Returned from Active Service Badge; and
- d. Complete tax exemption for the period of allotment and for periods of leave accrued during allotted service.

7. A member permanently posted from Australia to a ship or unit which is allotted for special service will himself be allotted from the date of his departure from the last point in Australia.

8. Allotment for special service will continue during movements between allotted ships or units and, for purposes of tax exemption, whilst a member is in hospital because of illness or injury sustained during allotted service.

9. The position of a member who is temporarily on board a ship allotted for special service but who is not permanently posted to the ship, eg, a Midshipman under training, will be considered in relation to whether his particular service satisfies the requirement of special service (*see* Paragraphs 2, 3 and 4). If so he will be allotted individually for the period involved.

10. Should a member while serving overseas suffer death or incapacity from hostile action when he is not allotted for special duty repatriation pension or pensions may be applied as if he were so allotted. Any such occurrence should be specially recorded and reported to Navy Office.

11. Members who become eligible for Repatriation or War Service Homes benefits under this order and who wish to avail themselves of such benefits should apply direct

to the Deputy Commissioner, Repatriation Department, or the Deputy Director, War Service Homes, Department of Housing, in the capital city of their state of residence, as appropriate (see RI 4861 (7)).

12. Advice of the allotment of RAN ships or units subsequent to the dates shown in Annex 'B' of this order, will be promulgated from time to time.

13. Particulars of the pay, allowances, accounting arrangements, leave, etc, to apply during allotted service will be forwarded to the appropriate authorities prior to the departure of each ship or unit.

14. Navy Order 362 of 1966 is relevant.

#### ANNEX A

##### Definitions of Special Areas (Vietnam)

- a. Vietnam (Southern Zone)—31 July 1962.  
b. Waters Adjacent to Vietnam—1 March 1967.

All that area of land and waters (other than land or waters forming part of the territory of Cambodia or China) bounded by a line commencing at the intersection of the boundary between Cambodia and Vietnam (Southern Zone) with the shore of Vietnam (Southern Zone) at high-water mark; thence proceeding in a straight line to a point 100 miles west (true) of that intersection; thence proceeding along an imaginary line parallel to, and at a distance of 100 miles from, the shore of Vietnam at high-water mark to its intersection with the parallel 21 degrees 30 minutes north latitude; thence proceeding along that parallel westerly to its intersection with the shore of Vietnam at high-water mark; thence following the shore of Vietnam at high-water mark to the point of commencement.

#### ANNEX B

Allotment of RAN ships and Units for Special Service for the purpose of the Repatriation (Special Overseas Service) Act 1966-1967 and the Income Tax Assessment Act (1936-1967)—Vietnam.

HMA Ship or Unit	Period	
	From	To
CDT 3—		
Contingent 1 .. ..	*5.2.67	29.8.67
Contingent 2 .. ..	*12.8.67	11.3.68
Contingent 3 .. ..	*11.2.68	Date of return to Australia
HMAS HOBART .. ..	7.3.67	27.9.67
	22.3.68	Date of return to Australia
HMAS PERTH .. ..	2.9.67	10.4.68
RANHFV .. ..	*15.10.67	Date of return to Australia
RAN Element of No 9 Squadron RAAF	Date of departure from Australia	Date of return to Australia

\* These are the dates applicable to the main body of the particular contingent.

(HPB 302/201/25)

(Navy Order 362 of 1966)

#### Section 4

### EQUIPMENT, STORES AND SERVICING

#### UNCLASSIFIED

#### 473—Armament Stores—Cox Gun Equipment—411235 Bolt/Punch Ammunition Set No 2—Reduction in Quantity of Nuts and Registers

1. *Authorities concerned* .. RAN Armament Depots, HMA ships and shore establishments authorised to hold Cox Gun Bolt/Punch Ammunition sets.
2. *Information* .. ..
  - a. The allowances of Cox Gun equipment for HMA ships and shore establishments are laid down in Navy Order 51 of 1966.
  - b. An outfit of Bolt/Punch equipment includes:
    - 411222 Bolt/Punch ammunition set No 1—2 sets
    - 411235 Bolt/Punch ammunition set No 2—1 set
  - c. 411235 Bolt/Punch ammunition set No 2, packed in Box C190, at present comprises:
    - 411380 bolt ammunition No 6—40
    - 411393 bolt ammunition No 7—40
    - 411406 bolt ammunition No 8—40
    - 411062 punch ammunition No 6—25
    - 411075 punch ammunition No 7—25
    - 411009 nuts—130
    - 411111 registers—130
    - 411065 washers—320

The quantity of registers and nuts in the set No 2 is based upon 1 per round for each bolt round plus 5 per cent for spares.
  - d. The latest design of punch No 6 and punch No 7 round is 1 in longer than were the previous rounds and this has necessitated a slight modification to the method of packing in Box C190 in order to accommodate them.
  - e. The revised method of packing reduces the number of nuts and registers in the set (411235) from 130 of each to 120 of each, ie, the 5 per cent spares have had to be eliminated (but the bolt round will still be covered by its associated nut and register).
3. *Action* .. .. HMA ships and shore establishments:
  - a. RAN armament depots will supply 411235 sets with the 5 per cent spares of nuts and registers so long as ammunition so packed remains. When necessary, however, sets with these spares eliminated will be issued.

3. *Action*—continued
- b. Further nuts and registers, if required, are available in the 411222 set No 1 held (*see* Paragraph 2 b. above).
  - c. Loose nuts and registers can be obtained, if and when required, from the nearest RAN armament depot.
4. *RAN Armament Depots* .. CL (P) 136 dated 1 June 1966 refers.
5. *Amendments to publications* Warrants of Naval Armament Stores will be amended to show contents of 411235 Bolt/Punch ammunition sets to consist of the alternative quantities of nuts and registers.

(DAS 728/67/49)

(Navy Order 51 of 1966)

## UNCLASSIFIED

**474—Lighting—Senior Officers Distinguishing Lights**

(DCI (RN) 1183/1967)

1. The siting of Senior Officers Distinguishing Lights is becoming increasingly difficult, having regard to the demands of modern ship construction. Also, in the case of some ships, considerable interference problems are being met.
2. It has accordingly been decided to discontinue the use of these lights, particularly as their purpose can largely be achieved by a floodlit flag or pennant.
3. This order is effective on receipt.
4. Surplus light fittings are to be returned to store.
5. Relevant publications will be amended.

(DNSD 1211/51/594)

## RESTRICTED

**475—Mine Countermeasures—Magnetic Sweep MM Mark 11—Amount of Shortening Permissible When Carrying Out Repairs**

1. Instances have come to light in the Royal Navy in which magnetic sweeps have been repaired by cutting out damaged sections of cable without replacement. It is important that the effects of shortening should be realised and that the maximum amount by which any part of a sweep may be reduced in length should be specified.
2. Shortening of the married portion, and additionally in the case of open sweeps, shortening of the buoyant legs, means that each yard removed will result in a given mine exploding that much nearer the ship. Shortening in other parts of the sweep will result in a reduction of swept path.

3. The following table shows the normal lengths of cables comprising a sweep. No section should be more than 5 yds shorter than the lengths quoted. It is permissible for all sections of the sweep to be 5 yds short simultaneously provided the effects on safety and efficiency are realised:

<i>Section</i>	<i>MM Mark 11 (O) and (L)</i>
Married Portion—Including Ribbon Tail .. ..	300 yds
Forward Catenary .. ..	150 yds
After Catenary—(L) sweeps only .. ..	125 yds
Starboard Buoyant Leg .. ..	125 yds
Port Buoyant Leg .. ..	165 yds from end of Married Portion

4. The 50 yds electrodes used with the open versions of MM Mark 11 have not been included in the above table. These have been found to require complete replacement after periods varying between 50 and 80 hours pulsing.

5. If a length of buoyant cable has to be inserted it should not be less than 10 yds long, the sweep being cut equidistant either side of the defect in order to bring the section back to its normal length. This is necessary in order to avoid the adverse effect on the buoyancy of the section concerned if two buoyant-to-buoyant joints are placed too close together. Joints inserted when repairing sweeps should be positioned so that they are staggered by not less than 1 yd from any adjacent joints when drummed.

6. Where a sweep is found to have had repair joints previously inserted, the section affected should be measured before further repairs are carried out. If the band of paint and figures which are applied at 10 yd intervals during manufacture are still legible it will be necessary only to measure between the bands on either side of the joint. The number of joints should always be kept to a minimum. Thus, if by inserting a length longer than 10 yds a joint can be dispensed with, this should be done, subject to cable being available and having regard to the condition of the remainder of the sweep.

7. Admiralty has advised that the relevant handbooks are being amended.

(DWE 400/202/87)

## UNCLASSIFIED

**476—Naval Stores—Introduction—Lubricating Oil Mineral OM-13 in Aerosol Packs**

(DCI (RN) 255/1966)

**Item Concerned**

1. Following successful trials by the RN of aerosol containers for the spray lubrication of the Admiralty Fire Control Box, Mk 10, the following item has been introduced:

<i>NATO Supply Classification</i>	<i>Class Group</i>	<i>Catalogue Number</i>	<i>Description</i>	<i>D of Q</i>	<i>Accounting Classification</i>
9150	0475	220-1239	Lubricating Oil Mineral OM-13 in 16 oz aerosol pack filtered to 5 microns and dehydrated	No	C

**Purpose**

2. For use in the routine maintenance of certain nominated Weapon Control Equipments, which at present are:

- a. AFCB Mk 10.
- b. GW Launcher Control Console, Mk 20, Mods 0 and 1.

**Instructions for Use**

3. When using the oil spray, electrical supplies to the equipment being lubricated **MUST** be switched off to avoid the danger of an electrical shock being transmitted to the operator through the metal of the container coming into contact with live terminals.

**Allowances**

4. 0475/220-1239 Aerosols, will be initially allowed as shown hereunder, and should thereafter be demanded on the basis of expenditure. It is estimated that with reasonable care, the oil in each aerosol should be sufficient for two routine maintenance lubrications of the equipment concerned:

HMA ships and fleet shore establishments holding the equipments referred to in Paragraph 2	}	3 No each.
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**Supply Arrangements**

5. Ships in commission and reserve also } To be demanded now from normal  
fleet shore establishments } storing yards.
- New construction vessels and ships under- } Will be supplied as part of the  
going extended refit } first outfit of stores.

(9Z5/15/£Z5 SDC)

**UNCLASSIFIED****477—Stores (General) (Group Class 8430)—Footwear, Mens—Change of Stock Numbers**

1. The Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
8430	00-238-4064	Boot, knee .. ..	8430	00-262-8253	
8430	00-238-4065	Boot, knee .. ..	8430	00-262-8254	
8430	00-238-4066	Boot, knee .. ..	8430	00-262-8255	
8430	00-238-4067	Boot, knee .. ..	8430	00-262-8256	
8430	00-238-4068	Boot, knee .. ..	8430	00-262-8257	
8430	00-238-4069	Boot, knee .. ..	8430	00-262-8258	
8430	00-238-4070	Boot, knee .. ..	8430	00-262-8259	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074, RAN Catalogue of Stores, will be amended in due course.

(DSAP 917/65/213)

**Section 5****BOOKS, CORRESPONDENCE, FORMS AND STATIONERY****RESTRICTED****478—Form S 1148 Series—Report of Failures of Gun Armament and Underwater Weapon Material and Explosives**

1. The following instructions are to be observed when rendering reports on failure of Gun Armament and Underwater Weapon Materials and explosives on forms in the S 1148 Series.

2. Guns, breech mechanisms and explosives:

- a. S 1148 (H) Report of failures of guns above 20 mm, mortars (including A/S types), breech mechanisms and associated armament stores occurring during firing and drill.
- b. S 1148 (I) Report of failure of cartridges for guns, mortars (including A/S types) above 20 mm, tubes, primers and grenades.
- c. S 1148 (J) Report of failures of shell above 20 mm, A/S mortar projectiles and fuzes.
- d. S 1148 (L) Report of failure of rocket motors and rocket shell.
- e. S 1148 (N) Report of failure of naval aircraft gun armament, ancillary equipment and ammunition.
- f. S 1148 (O) Report of failure of SAA 20 mm, and below (other than in naval aircraft).
- g. S 1148 (P) Report of failure of pyrotechnics and power cartridges.

3. Where no appropriate form is provided for reporting a failure, reports are to be typed and prepared along the lines as shown on forms in the S 1148 series.

4. Forms S 1148 (H), (I), (J), (L), (N), (O) and (P) are to be rendered as follows:

- a. The original and one copy to the Administrative Authority who should forward the original together with remarks for information of the Naval Board.
- b. Copies one each to the Naval Ordnance Inspecting Officer and the Naval Armament Supply Officer at the port which the ship will visit next.
- c. Copies one each to the Naval Ordnance Inspecting Officer and the Naval Armament Supply Officer at the port at which the defective stores will be landed (if different from b.) and preferably accompanying the defective stores.
- d. The Forms S 1148 Series are no longer required to accompany a practice analysis. However, where an analysis is directly affected by a failure which necessitated the raising of a Form S 1148, a cross-reference should be included in the analysis form.

5. The Naval Ordnance Inspecting Officers and Naval Armament Supply Officers referred to in 4 b. and c. will forward their remarks to the Director of Naval Quality Assurance, Department of the Navy, Navy Office, Canberra, with copies to the Administrative Authority, the reporting ship and any other recipients of the original reports.

6. The Naval Ordnance Inspecting Officers and Naval Armament Supply Officers on the Australia station are situated as follows:

New South Wales and Queensland:

Inspector of Naval Ordnance,  
HMA Naval Establishments,  
Garden Island,  
NSW 2000.

Superintending Armament Supply Officer,  
RAN Armament Depot,  
Spectacle Island,  
NSW 2000.

Victoria, South Australia, Western Australia and Tasmania:

Inspector of Naval Ordnance,  
Private Bag No 8,  
PO Ascot Vale,  
VICTORIA 3032.

Victoria Only:

The Officer-in-Charge,  
RAN Armament and Weapon Equipment Depot,  
MARIBYRNONG, VICTORIA 3032.

Western Australia Only:

The Officer-in-Charge,  
RAN Armament and Weapon Equipment Depot,  
BYFORD, WA 6201.

There are no Armament Depots in Queensland, South Australia and Tasmania.

7. Special appointments of Deputy Inspector of Naval Ordnance (Air) are not held in the Royal Australian Navy, and these duties will be carried out by the Naval Ordnance Inspecting Officer of the area in which the RAN air station is situated.

8. Requisitions from HMA ships for inspection at ports in Australia other than Sydney or Melbourne should only be made in accordance with Paragraph 6 if it is considered that the matter is of such importance that it is unacceptable to wait until the ships next visit either of these two ports.

9. It is important that all reports of failures be clearly identified with the ships serial number and date. The 'number/year' method of allocating serial numbers should be used, commencing with No 1 at the beginning of each year (eg, No 1/68, 2/68, etc).

10. In order to ensure positive identification, the serial number is to be quoted in all correspondence, and packages containing stores landed for examination should be marked with the serial number and name of the forwarding ship.

11. The return of defective explosive is to be carried out in accordance with the Naval Magazine and Explosive Regulations, BR 862/1960 Chapter 18.

12. All Forms S 1148 are to be signed as appropriate by the Captain of the ship and the Administrative Officer concerned.

13. Navy Order 391 of 1965 is hereby cancelled.

(DNQA 18/251/1)

(Navy Order 391 of 1965)

Section 6

ESTABLISHMENTS

UNCLASSIFIED

479—Naval Stores (General)—Floor Maintenance Equipment for use in HMA Establishments—Introduction

1. The following items of cleaning equipment have been introduced for use in HMA establishments and initial allowances will be as indicated hereunder:

Group Class	Catalogue Number	Description	Acctg Classn	Allowances
7910	66-026-5114	Holder, floor polishing machine pad	P	1 No for each Hi-Shine machine carried (see Paragraph 2 below).
7910	66-026-5116	Pad, floor polishing machine (medium)	C	5 No for each Hi-Shine machine fitted with 7910-66-026-5114
7910	66-026-5115	Pad, floor Polishing machine (coarse)	C	2 No for each Hi-Shine machine fitted with 7910-66-026-5114.

2. The Holder, Floor Polishing Machine pad is to be fitted to the Hi-Shine machine when the brushes currently in use are beyond economical repair and stocks become exhausted.

3. Although Pads, Floor Polishing Machine are available from trade sources in three grades, namely, fine, medium and coarse, the fine grade pad is not recommended for service use as it has limited application. In addition the medium type pad after some wear is suitable for fine work.

4. Demands, in accordance with the allowances indicated, should be forwarded to SNSO, Sydney, for supply of the items referred to in Paragraph 1 above.

5. The above items, currently held under the following Catalogue Numbers, should be re-identified in accordance with ABR 4 Article 1812:

0461/L72776	Pad, floor polishing machine (medium)
0461/L72777	Pad, floor polishing machine (coarse)

(DSAP 514/62/256)



The Board of Directors of the Corporation...

RESOLUTIONS

Resolved, that the Board of Directors...

Resolved, that the Board of Directors...

Resolved, that the Board of Directors...

Resolved, that the Board of Directors...

Resolved, that the Board of Directors...

Resolved, that the Board of Directors...

Resolved, that the Board of Directors...

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Resolved, that the Board of Directors...

Resolved, that the Board of Directors...

ANO 480/68



# AUSTRALIAN NAVY ORDER

Navy Office, Canberra,  
10 September 1968.

The enclosed order is promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*Handau.*

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers in  
Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY

## Section 4

## EQUIPMENT, STORES AND SERVICING

## UNCLASSIFIED

## 480—Instructions for the Issue of Victualling, Naval and Armament Stores to the Australian Sea Cadet Corps and Naval Reserve Cadet Units

1. Commencing 1 July 1968 the procedures and scales of issue of stores contained in the following paragraphs, replace the instructions and other information in Parts IV, V, VI and Appendices IV and V of Naval Instructions for the ASCC of the Navy League of Australia.

2. A supply of forms referred to in Annex E with the exception of Forms AS 151 and AS 151Y (*see* Inst 68), will be forwarded to each unit without demand. Pending receipt of these supplies, urgent demands and returns only are to be made to the Director of Naval Reserves using Forms ASCC 14 and/or ASCC 12.

3. The following instructions will be incorporated in Naval Cadet Instructions when the current review of the organisation has been completed.

## UNIFORM CLOTHING

## Section 1—General

## Supply

4. All clothing is supplied from Royal Edward Victualling Yard, Sydney, NSW, and remains the property of the Commonwealth.

## Uniform—Quantities Allowed

5. A unit may demand uniforms required for the maximum number of cadets in the authorised complement. In the event of a unit being below the maximum strength allowed for a sustained period, the quantities held are to be restricted to those required for the reduced numbers borne.

6. Should the number of cadets in a unit temporarily exceed the authorised complement, the excess in numbers borne are to be carried on a supernumerary basis and are to be kitted up only as vacancies occur in the authorised complement.

7. Demands are to be prepared in accordance with the instructions in Section 7. For made-to-measure clothing a self-measurement form is to be included.

8. The sizes and measurements of items of uniform are detailed in Annex C.

## Accounting

9. Units are to account for clothing in accordance with the instructions in Section 12.

## Issues

10. Clothing is issued in accordance with the conditions set out in Section 2.

## Cadets, Uniform Replaced or Recovered

11. Items which have been replaced or recovered and are serviceable, should be dry cleaned and re-issued. Such items must be accounted for in the normal manner. Unserviceable items are to be surveyed. (*See* Paragraph 92.)

## Dry Cleaning of Uniform

12. Dry cleaning of uniforms referred to in Paragraphs 11 and 24 are accepted as a Naval commitment. Commanding Officers of units in or near capital cities are to make arrangements through the Senior Officer for uniforms to be cleaned under local Service contracts. In areas where there are no naval dry cleaning contracts, cleaning is to be performed by dry cleaners holding Service contracts for either the Army or the RAAF. If these do not exist, the most advantageous arrangements are to be made locally.

13. Accounts for dry cleaning are to be forwarded to the Senior Officer for checking and then to the Naval Authorising Officer for payment. A certificate as to the correctness of the account is to be attached.

## Section 2—Issue, Replacement and Recovery

## Issue of Uniform to Officers, Instructors and Cadets

14. A member appointed to or enrolled in the ASCC shall be issued on loan with the appropriate uniform detailed in Annex B.

15. Authority for the initial issue of uniform to officers and instructors will be given by the Director of Naval Reserves.

## Issue of Uniform to Members of the NERF or CNF

16. A member of the NERF or CNF undertaking duties in the ASCC is not to be issued with the uniform of the pattern described in Paragraphs 27 or 28, but is to wear the uniform appropriate to his rank in the Naval Forces.

17. A member of the CNF undertaking duties in the ASCC not having a uniform, may be issued with uniform to the scale laid down in Annex B of these instructions and to the pattern appropriate to his rank in that Force.

18. Replacement of items of uniform for members of the NERF and CNF undertaking duties in the ASCC, will be in accordance with the rules applicable to those Forces.

## Care of Uniform

19. A member is responsible for the proper care and preservation of the uniform issued to him. Commanding Officers are to inform cadets of their responsibility for custody and maintenance of uniforms issued.

## Replacements

20. Necessary replacement of items of uniform may be demanded by the Commanding Officer in the following cases:

- a. On expiration of life of items as detailed in Annex B provided replacement is necessary;
- b. on account of fair wear and tear; or
- c. outgrown by Cadets.

Such replacements are to be made on a one for one basis.

## Alterations on Promotion

21. On promotion to higher rank, an officer or instructor may be reimbursed the cost of necessary alterations to uniform, within the limits of the amounts approved by the Naval Board. Receipts are to be forwarded to the Naval Authorising Officer.

22. On promotion from instructor to officer rank, a member shall be issued with such additional items of uniform necessary to bring his kit up to the authorised scale.

23. Items no longer required are to be returned to store.

#### Recovery of Uniforms

24. When a cadet leaves the unit for any reason all articles of uniform issued to him are to be returned to the unit within 14 days, unless he is transferring to another unit.

25. Officers and instructors who resign are to return all items of uniform issued.

#### Issues on Repayment

26. With the approval of the Senior Officer, the following items of uniform may be issued on repayment to members of the ASCC:

- a. Officers and instructors—all items of uniform listed in Annex B; and
- b. cadets—all items of uniform listed in Annex B, knife clasps and appropriate badges.

### Section 3—Uniform and Badges

#### Description of Uniform

27. The uniform of an officer of the ASCC shall be of the same pattern as that of an officer of the Royal Australian Naval Reserve, with the following exceptions:

- a. Instead of each distinctive stripe of gold lace round the sleeve and on the shoulder straps, there shall be waved a stripe of  $\frac{1}{8}$  in gold lace. The waved stripe of the distinctive lace shall consist of continuous curves; and
- b. the cap badge will be defaced by a plate bearing the letters 'ASCC'. The buttons shall bear the letters 'SC'.

#### Description of Uniform—Instructors

28. The uniform to be worn by Chief Petty Officer Instructors and Petty Officer Instructors shall be of the same pattern as that of the Chief Petty Officer or Petty Officer of the Royal Australian Naval Reserve, with the following exceptions:

- a. The cap badge shall bear the letters 'ASCC' and the buttons the letters 'SC';
- b. a Chief Petty Officer shall wear the letters 'SC' on both lapels of the coat;
- c. a Petty Officer Instructor shall wear on the left sleeve a crossed anchor badge in gold surmounted by the letters 'SC';
- d. when dressed in tropical uniform a Chief Petty Officer Instructor will wear no distinguishing Sea Cadet Corps badges;
- e. when dressed in tropical uniform a Petty Officer Instructor will wear on the left sleeve a badge of crossed anchors in blue with the letters 'SC' superimposed; and
- f. Chief Petty Officer Instructors and Petty Officer Instructors may wear an arm badge bearing the Unit Name (eg, TS NONSUCH). These badges embroidered or woven in red on a blue background are to be worn centrally on each arm of the jacket, the top being 1 in below the shoulder seam.

*Note:* When dressed in tropical uniform, the badge embroidered or woven in blue on a white background may be worn on the shirt, white, tropical.

#### Description of Uniforms—Cadets

29. The uniform to be worn by cadets shall be that for a cadet of the Royal Australian Naval Reserve, with the following exceptions:

- a. The cap ribbon shall bear the words 'Sea Cadet Corps';
- b. a patch bearing the words 'Sea Cadet Corps' in red worsted shall be worn on the left arm, the base of the patch being 4 in from the bottom edge of the sleeve; and
- c. Sea Cadets may wear an arm badge bearing the Unit Name (eg, TS NONSUCH). These badges, embroidered or woven in red on a blue background are to be worn centrally on each arm of the jumper, seamans, serge, the top being 1 in below the shoulder seam.

*Note:* When dressed in tropical uniform the badge embroidered or woven in blue on a white background may be worn on the flannel cotton.

#### Good Conduct Badges or Good Service Badges—Instructors

30. Good Conduct Badges and Good Service Badges earned during former naval service may be worn by Petty Officer Instructors.

31. A Petty Office Instructor may be awarded Good Service Badges not exceeding three in number, in respect of his service in the ASCC. They shall be granted under authority of the Commanding Officer.

32. The first badge may be awarded after four years qualifying service as prescribed in this article, the second after eight years service, and the third after 12 years service, provided that for two years before the award the instructors attendance and conduct has been satisfactory.

33. The whole of an instructors service in the ASCC including time as a cadet, is to count as qualifying service for the award of Good Service Badges except for:

- a. That portion of time in the PNF or mobilised time as a Reserve sailor for which Good Conduct Badges have been awarded;
- b. time prior to absence from membership of the ASCC for five years or more; and
- c. any year in which he, as an instructor, failed to qualify for the Annual Special Allowance and as a cadet, was not classified as efficient.

34. An instructor may be deprived of one or more Good Service Badges as a penalty for offences which, in the opinion of the Commanding Officer, are of sufficient gravity to warrant such action.

35. The Commanding Officer may restore badges of which an instructor has been deprived after six months 'Very Good' service for each badge after deprivation. In the event of an instructor being deprived of a badge the circumstances should be reported to the Senior Officer.

36. Good Service Badges are to be worn in the same position and be similar to those worn by the RANR, the width of the stripe being  $\frac{1}{8}$  in. When more than one is worn, the distance between them is to be  $\frac{1}{8}$  in measured perpendicularly. Badges shall be gold, or blue on white.

37. Instructors entitled to wear Good Conduct Badges may also wear Good Service Badges in conjunction with them, but the combined number of badges worn is not to exceed three. Good Conduct Badges are to be worn superior to Good Service Badges, the distance between the lower Good Conduct Badge and the higher Good Service Badge being  $\frac{1}{2}$  in, measured perpendicularly.

**Good Service Badges—Cadets**

38. Good Service Badges, not exceeding three in number, may be awarded to Cadets of, or above the rank of Cadet Able Seaman in respect of their service in the ASCC. They shall be granted under the authority of the Commanding Officer.

39. The first badge may be awarded after one years efficient service and the second and third at two and three years efficient service respectively.

40. Badges should not be awarded as a matter of routine, but only if the cadet is diligent in his duties and attendance and if his behaviour is satisfactory.

41. A Commanding Officer may deprive a cadet of one or more Good Service Badges if such action is warranted. Good Service Badges deprived may be restored after six months 'Very Good' service for each badge after deprivation.

42. Good Service Badges are to be worn on the left arm and are the same as those worn by the RANR the width of the stripe being  $\frac{1}{8}$  in. When more than one is worn, the distance between them is to be  $\frac{1}{8}$  in measured perpendicularly.

**Section 4—Wearing of Uniform****Uniform—When to be Worn**

43. A member is permitted to wear uniform when attending instruction, continuous training, Guards of Honour, church parades, and on other occasions approved by the Senior Officer. The wearing of uniforms at other times is prohibited. A member is not to appear partly in uniform and partly in civilian dress.

**Illegal Wearing of Uniform**

44. Commanding Officers of units are to inform members that the Defence Act imposes penalties for the illegal wearing of naval uniforms.

**Uniform not to be Worn at Meetings**

45. No officer, instructor or cadet, whilst in uniform, shall be present at any political, trade or other similar public meeting.

**Wearing of Swords**

46. Swords do not form a part of the compulsory uniform of officers. However, they may be worn on appropriate occasions approved by the Senior Officer.

**Cadets—Wearing of Badges**

47. Badges, in red worsted and blue on white, for the appropriate rank are to be worn on the left arm. The badge for a Cadet Leading Seaman is that for a Leading Seaman in the RNR but the badge for a Cadet Petty Officer does not have the crown superimposed above the crossed anchors. Badges in red worsted are to be worn on blue serge uniform. Blue on white is to be worn on tropical dress. Cadet Petty Officers may wear gold badges. These are to be provided at his own or the units expense.

48. Category Badges (not more than one) are to be worn on the right arm on the blue uniform only. A Good Shooting Badge may, in addition, be worn on the right cuff.

**Cadet—Wearing of Uniform**

49. Before the first issue of uniform is made to any cadet, he is to be given careful instruction in the correct method of wearing it. Care is to be taken to see that the

individual garments are suitable size and in good clean condition. No alterations to garments by cutting or otherwise damaging them is permitted, but where necessary, minor alterations may be carried out, such as shortening sleeves, trousers, etc.

50. It is to be impressed on every cadet that the uniform issued to him, is that approved by Her Majesty the Queen.

51. Kits are to be mustered periodically and worn or misfitting articles replaced.

**Section 5—Victualling, Messing and Accommodation****Victualling and Messing During Continuous Training or Courses**

52. During continuous training or courses in HMA ships and establishments for any period exceeding 24 hours, members may be victualled at Government expense:

- a. The names of members are to appear separately in the Joining and Leaving Sheets;
- b. cadets will be victualled at the rate of victualling allowance promulgated in Navy Orders; and
- c. where approved continuous training periods of at least seven days are held in localities where service victualling is not available, the Unit may be reimbursed the actual cost of victualling incurred during that period, or the amount which, had the training been undertaken in one of HMA ships or establishments in the same locality, would have been credited for victualling, whichever is the less.

**Mess Gear and Bedding**

53. The local Naval Authority, or an officer deputed by him, may approve the issue of mess gear and bedding on temporary loan during periods of continuous training or courses.

**Accommodation**

54. As far as practicable ships and establishments shall arrange for cadets to be victualled in a separate mess from the remainder of the ships company.

**Section 6—Stores—Allowances**

55. Allowances of stores (other than uniforms) which may be issued are listed in Annex D. The quantities shown in the allowances columns represent:

*Accountable Stores.* The maximum quantity which may be held in the unit at any time.

*Non-accountable Stores.* The maximum quantity which may be drawn and held by a unit in any year.

56. Accountable items remain the property of the Commonwealth. Non-accountable items are issued outright to the unit. All items must be recorded in the stores ledger (accountable items on Forms AS 151, non-accountable items on Forms AS 151Y—see Section 12).

57. Stores in excess of allowances will not be supplied without prior Naval Board approval (see Paragraph 68).

## Section 7—Demand Procedure

58. Demands for stores required to:

- a. Complete to allowance of accountable items; or
- b. replenish stocks of non-accountable items within the allowance,

are to be made on Forms SX 14, Stores Demand. Detailed instructions as to how to prepare Forms SX 14 are contained in Annex 'A'.

59. Separate demand forms are to be prepared for the following categories of stores:

- a. General Naval Stores
- b. Electrical Naval Stores
- c. Victualling Stores
- d. Stationery
- e. Books of Reference
- f. Armament Stores
- g. Hydrographic Stores
- h. Medical and Dental Stores.

60. Each demand is to be given a registered number commencing with 1 on introduction and recommencing at 1 at the beginning of each calendar year thereafter.

61. Demands are to be typed or written with ballpoint pen. Any alterations to the quantities demanded are to be initialled by the demanding officer after verifying that the alteration is necessary.

62. Demands are to be signed (with ballpoint pen) only by Commanding Officers whose names are to be typed or inserted by hand in block letters underneath their signature in cases where the signatures are not readily readable. Completed demands are to be dealt with as follows:

- a. The Hectograph Master sheet is to be detached and a sheet of flimsy paper placed behind each master to protect the carbon impression. The masters and flimsy paper are to be inserted flat between special cardboard covers and enclosed in special manilla envelopes. (See Paragraph 63.) Under no circumstances are the masters to be folded;
- b. the master copy is to be forwarded to:  
Superintendent of Supply Administration, Garden Island,  
NEW SOUTH WALES 2000;
- c. ships copies are to be filed as a record of dues in (ie, stores demanded but not yet received) and for follow up action as necessary. When the stores have been received and the Accounting Copy of the Local Issue Voucher, Form SX 22 (see Paragraph 69) has been filed the ships copy of the demand is to be endorsed accordingly. When all items on the demand form have been received the ships copy is to be retained with the relevant vouchers; and
- d. a periodical check of ships copies of demands is to be made to ensure that issue vouchers are received.

63. The following special items of stationery which are available on demand are required for use in conjunction with Forms SX 14, for the purpose stated:

- |                         |    |   |
|-------------------------|----|---|
| <i>Backing Sheets</i>   | .. | To be placed behind the sets of forms when being typewritten.             |
| <i>Flimsy Paper</i>     | .. | To be placed behind each completed master copy to protect the impression. |
| <i>Cardboard Covers</i> | .. | Masters are to be placed between these covers when dispatched.            |
| <i>Envelopes</i>        | .. | For dispatch of master copies.  |

**Replacement of Defective Accountable Items**

64. Items required to replace items being returned to a store depot, etc, for survey or being surveyed locally (see Section 10) are to be demanded on Forms SX 14.

65. The defective items being returned for survey are to be returned to the appropriate store depot at the same time as the replacement items are demanded, the demands being accompanied by the relevant Stores Return Form SX 28.

66. When the defective items are being surveyed locally, the demands, Forms SX 14, are to be endorsed in the 'Remarks' panel 'In lieu of items surveyed locally—SS 7 Registration No. . . . . refers'. Reason for Demand Code 1 is to be entered in the appropriate column of such demands (see Annex 'A').

**Replacement of Accountable Items Lost**

67. Items required to replace items lost are to be demanded on Forms SX 14. A notation is to be made in the 'Remarks' panel 'In lieu of approved SA 116 Regd No. . . . .'. Reason for Demand Code 4 is to be entered in the appropriate column of such demands.

**Stores Required in Excess of Allowances**

68. When stores are required in excess of the allowances detailed in Annex 'D', Form AS 130 is to be prepared and dealt with as detailed in the following paragraphs:

- a. Six copies of the form are to be prepared, Section 'A' being completed by the originating unit (see detailed instructions in Annex 'A') and copies disposed of as follows:
  - (1) Copies Nos 1 to 5 .. To the Senior Officer;
  - (2) Copy No 6 .. Retained by originating unit;
- b. The request is to be examined by the Senior Officer who is to complete Section 'B' of the form as appropriate. When supply is recommended the Senior Officer is to state whether or not amendment to the allowances of stores in Annex 'D' is recommended;
- c. After completion of Section 'B' of the form by the Senior Officer copies of the form are to be disposed of as follows:
  - (1) *If supply is not recommended*

Copies Nos 1 to 4	..	Return to originator;
Copy No 5	..	Retained by Senior Officer;
  - (2) *If supply is recommended*

Copies Nos 1, 2 and 3	..	To Local Naval Authority for his remarks and recommendations and onwards transmission to the Director of Naval Reserves, Navy Office;
Copies Nos 4 and 5	..	Retained by Senior Officer;

- d. Copy No 3 of Form AS 130 will be returned to the Senior Officer with the final decision endorsed thereon. On receipt of this copy the Senior Officer is to endorse Copy No 4 'approved' or 'not approved' and return to the originating unit for information;
- e. If approved, supply will be arranged by Navy Office without demand.

#### Section 8—Receipt of Stores

69. Forms SX 22 Local Issue Vouchers will be prepared at the issuing store depot on receipt of Stores Demands, Forms SX 14.

70. When stores are packed at the store depot, Copy No 3 of Form SX 22 will be placed in a waterproof envelope and enclosed within the package.

71. When stores are dispatched unpacked, in bundles, drums or in other standard packages which do not require to be enclosed in outer (transit) cases, Copy No 3 of Form SX 22, will be forwarded to the demanding unit by post as soon as the stores are dispatched.

72. Copy No 4 of Form SX 22 will be forwarded as an advance advice note immediately stores are packed and ready for dispatch.

73. The demanding units (ie, consignees) copy of the appropriate forwarding document, ie, Consignment Note or Bill of Lading, will be forwarded by post.

#### Delivery of Stores at Unit

74. As soon as possible after stores have been received at the unit, the following action is to be taken:

- a. Check the contents of the package against Copy No 3 of the Local Issue Voucher Form SX 22;
- b. verify Copy No 3 with Copy No 4;
- c. confirm by recheck, any discrepancy between the stores listed on Copy No 3 and those received;
- d. post store ledger;
- e. complete the 'Certificate of Receipt' appearing in the bottom right hand corner of Copy No 4. The Certificate is to be signed in ink by an officer; and
- f. forward without delay the certified Copy No 4 to the Superintendent of Supply Administration, Garden Island, NSW 2000.

#### Damages, Shortages and Non-delivery

75. Should it be found on checking the contents of packages that the quantities of stores actually received are less than those invoiced or that items are damaged, the fact is to be reported immediately to the Superintendent of Supply Administration.

76. The following particulars, as appropriate, are to be included in the report:

- a. Nature of receipt given to the carrier;
- b. damage (if any) to the exterior of package or other evidence of rough handling;
- c. details of defective packing;
- d. evidence of any disturbance of packing; and
- e. presumed cause of damage or shortage and reason for presumption.

77. The items shown as supplied, on the No 3 copy of the Local Issue Voucher are to be taken on charge in the store account. After investigation of missing or damaged items at the store depot, etc, concerned, adjusting vouchers will be forwarded to the unit and are to be used to adjust the store account.

78. Differences (which are confirmed after investigation) between the quantities shown on Copy No 3 of the Local Issue Voucher and those actually received are to be listed in detail on Copy No 4 of the Local Issue Voucher when providing the certificate at Paragraph 74 e. quoting any signals, letters, etc, concerning the discrepancies.

79. Non-delivery of consignments advised in Paragraph 69 or by other special means are also to be reported to the Superintendent of Supply Administration after the lapse of a reasonable period for transit of the stores.

80. On delivery of stores any receipts given must be qualified with the words 'External Condition Good—Contents Not Examined', except where damage to the package or the goods, or both, is observed, in which event a note to this effect is to be endorsed on the receipt.

81. Insured packages of stores are, where practicable, to be opened in the presence of the carriers agent. A clear receipt is never to be given if any doubt exists as to the condition of the contents and in such an event, the following endorsement is to be used:

'Stores in apparently good condition, technical examination necessary and right reserved to claim for damage subsequently discovered'.

#### Section 9—Internal Issues and Returns

82. Where accountable items are permanently sited outside the store, the location of the items is to be noted on the relevant ledger pages. Where accountable items normally held in the store are required to be removed therefrom on temporary loan, the signature of the person receiving the item is to be obtained in a Temporary Loan Book (Form AS 1092). On return the entry is to be completed by the person in charge of the store.

#### Section 10—Return of Stores to Store Depots, etc, and Local Survey

83. Serviceable stores surplus to requirements are to be returned to the appropriate store depot, etc, on Stores Returns Forms SX 28.

84. Unserviceable accountable items are to be disposed of as follows:

- a. Units in reasonably close proximity to an appropriate store depot, etc—To be returned to the store depot on Forms SX 28 provided that freight and other costs are not involved; and
- b. all other cases—The stores are to be surveyed locally on Survey Voucher, Form SS 7, by specified inspecting officers such as the Director of Naval Reserves, Staff Officer Cadets, Naval Liaison Officers or other officers deputed by the Local Naval Authority. (See Paragraph 92.)

#### Stores Returns, Forms SX 28

85. Detailed instructions as to how to prepare Forms SX 28 are contained in Annex A (2). Hectograph Master Sheets are to be handled in the same manner as for Stores Demands, Forms SX 14, Hectographs (see Paragraph 62 a.).

86. Each Stores Return is to be given a registered number commencing with 1 on introduction and recommencing at 1 at the beginning of each calendar year thereafter.

87. The forms are to be prepared with ballpoint pen or typed and are to be signed (with ballpoint pen) only by the Commanding Officer. In cases where the Commanding Officers signature is not readily readable his name is to be typed or inserted by hand in block letters underneath the signature.

88. Return Procedures are to be as detailed in the following paragraphs:

a. *Stores taken to store depots, etc, by representatives of units:*

- (1) The Hectograph Master Sheet and Ships Copy of the Stores Return, Form SX 28, accompanied by the stores, are to be taken direct to the return storehouse of the appropriate depot; and
- (2) a temporary receipt will be given on the Ships Copy which is to be used to credit the store account and filed pending receipt of a receipted Stores Return Voucher, Form SX 25.

b. *Stores collected by store depot, etc, transport from unit:*

- (1) The Hectograph Master Sheet is to be handed over with the stores; and
- (2) a temporary receipt is to be obtained from the driver and the Ships Copy is to be used to credit the store account and filed pending receipt of a receipted Stores Return Voucher, Form SX 25.

c. *Stores returned by Rail, Road, Sea, etc:*

- (1) The package number and brief details of the mode of dispatch are to be inserted in the 'Remarks' panel on the Stores Return, Form SX 28;
- (2) the Hectograph Master Sheet of the Stores Return together with the appropriate shipping documents is to be forwarded to the consignee in sufficient time to arrive in advance of, or at the same time as the stores;
- (3) an additional copy of the Stores Return (on flimsy paper) is to be prepared and placed in the package with the stores. Where for any reason this is not possible, one copy of a simple form of packing slip detailing the items contained in the package and endorsed with the Registered Number of the Stores Return is to be used; and
- (4) the Ships Copy of the Stores Return is to be used to credit the store account and filed pending receipt of a receipted Stores Return Voucher, Form SX 25.

**Receipt of Stores Returned—Stores Return Voucher, Form SX 25**

89. On receipt of the Stores Return, Form SX 28, Hectograph Master Sheets at Stores Depots, Stores Return Vouchers, Forms SX 25, will be prepared by spirit duplicator process:

- a. Copy No 3 of the Stores Return Voucher, Form SX 25, after survey and check of the stores, will be receipted and returned to the unit. This copy is to be verified with the Ships Copy of the Stores Return, SX 28, which is to be endorsed with the SX 25 Registered Number, and annotated to show that a receipted SX 25 has been received. Any differences are to be investigated and the SX 25 filed;
- b. if it is disclosed that an error has been made in the unit, the Ships Copy of the Stores Return, SX 28, and the ledgers are to be amended as necessary. Differences in catalogue numbers only need be adjusted. Discrepancies

which cannot be adjusted in the unit are to be reported to the Superintendent of Supply Administration who will arrange for adjusting vouchers to be prepared and forwarded to the unit. These vouchers are to be attached to the Stores Return Voucher, SX 25, to account for the differences in quantities; and

- c. a periodical check of Ships Copies of Stores Returns, SX 28, is to be made to ensure that receipted copies of Stores Return Vouchers, SX 25, are received.

**Dispatch of Stores**

90. All stores to be dispatched by rail, road, sea or air are to be properly and securely packed. Different categories of stores are not to be packed in the same package unless warranted by special reasons such as economy, in which case items are to be packed in separate parcels and properly addressed before being placed in the outer package, the flimsy copies of the Stores Return SX 28 (*see* Paragraph 88 c. (3)) being placed in the individual packages.

91. Claims for reimbursement of freight costs are to be forwarded to the Naval Authorising Officer for payment.

**Local Survey at Units**

92. The procedure to be followed in the survey of stores at units is:

- a. The stores are to be surveyed by the officers referred to in Paragraph 84 b.;
- b. Survey Vouchers, Forms SS 7, detailing the items are to be prepared in triplicate. Detailed instructions as to how to prepare the forms are contained in Annex 'A'. It is important that the following particulars be completed on the Survey Vouchers:
  - (1) Date of receipt (if this information is not known, the period the items have been in use should be stated as closely as practicable);
  - (2) source of supply;
  - (3) original cost. Where not known, the RAN Liaison Officer is to be requested to ascertain the cost;
  - (4) whether the stores have become unserviceable through fair wear and tear or otherwise; and
  - (5) reasons for applying for survey.
- c. The Survey Vouchers are to be referred to the Surveying Officers, who are to report on the condition of the items and make recommendations for repair or disposal. (*See* Annex 'A' (3)). The recommendations should, generally, be one of the following:
  - (1) To be returned to store depot, etc, for repair;
  - (2) to be brought to arisings (the possibility of obtaining useful arising should always be considered before an item is recommended for destruction); or
  - (3) to be destroyed.
- d. Copies 1 and 2 of the Survey Voucher, SS 7, are to be forwarded to the Superintendent of Supply and Administration, Sydney, for approval. Copy No 2 will be returned to the unit concerned when approved and is to be attached to Copy No 3. Copy No 3 is to be retained by the unit as the accounting copy, and is to be filed when the approved Copy No 2 is received.

*Note:* Copy No 1 will also be returned to the unit if completion of destruction or arisings certificates is necessary. This copy is then to be returned to the SSA, Sydney.



- e. After the necessary approval has been obtained the recommendations of the surveying officers are to be put into effect, except in the case of infected or unhygienic stores the immediate destruction of which is recommended by a medical or other responsible officer, when covering approval only need be obtained. Officers concerned are to ensure that all items to be brought to arisings or destroyed, are in fact dealt with accordingly before relevant certificates are signed, in order to safeguard against the possibility of items being substituted for serviceable items and again produced for survey at a later date;
- f. If an item is surveyed 'to be returned to store depot, etc, for repair', the Survey Voucher, SS 7, is to be endorsed accordingly, a Stores Return, SX 28 prepared, and action taken as detailed in Paragraph 88.

### Section 11—Stores Lost or Damaged

#### Responsibility for Stores

93. Responsibility for stores issues by the Naval Board rests with the Navy League in the case of ASCC Units. The Commanding Officers of the Naval Reserve Cadet Units will be responsible for the accounting, safe custody and control of stores issued to Naval Reserve Cadet Units. The Director of Naval Reserves may make recommendations to the Naval Board regarding apportionment of liability where losses or damage have arisen through unavoidable causes. Commanding Officers are to ensure that adequate arrangements are made for the safe custody of all Government stores.

#### Procedure for Reporting Losses by Theft, Robbery or Fraud

94. If there is no direct evidence of theft, but the circumstances preclude any other explanation of the loss, the case is to be dealt with as a loss by theft. Action to be taken is:

- a. *Notify Police.* All instances of theft or suspected theft are to be reported, as soon as they are discovered, to the local police. In cases of theft or suspected theft the time factor is important and a preliminary notification should therefore be made to the police as early as possible. It is important that losses be reported promptly as a purpose of reports to the police is to place the matter on record, so that the missing items will be returned if subsequently located;
- b. *Inform Senior Officer and Commonwealth Auditor.* Notification is to be forwarded to the Senior Officer and Naval Liaison Officer of all losses by theft, robbery or fraud, as soon as they are discovered. The local Naval Authority will inform the local audit inspector as soon as possible. Preliminary notification is not to be delayed pending full investigation;
- c. An investigation is to be conducted by the Commanding Officer;
- d. Forward detailed report to the Senior Officer for forwarding through the Naval Liaison Officer to the Director of Naval Reserves with his remarks and recommendations. The report should be a comprehensive and carefully considered one under the signature of the Commanding Officer. Statements from officers or cadets or copies of evidence taken at investigations are not to be forwarded with the report. The report is to deal with the following aspects:
  - (1) What is the amount of the loss or deficiency and how, where and when did it occur? If the date of loss is not known, the date the item was last sighted is to be stated. Where not known the RAN Liaison Officer is to be requested to obtain the cost;

- (2) in whose custody the articles were at the time of the actual or supposed theft?
- (3) whether any inquiry was held and with what result?
- (4) whether the articles were recovered and if not what steps were taken to recover them?
- (5) if there is evidence of theft, robbery or fraud is prosecution proposed, or if not, why not?
- (6) what steps were taken to inform the police and with what result? Copies of police statements should be forwarded. If such statements are not readily forthcoming, the rendition of the report should not be delayed, the police statement being forwarded when available;
- (7) full particulars of any disciplinary action taken or proposed or the reasons why such action is not considered appropriate;
- (8) particulars of any monetary charge made or proposed; and
- (9) does the investigation show any defect of the existing system of control and if so what remedy is proposed;

- e. Prepare and process Loss Voucher, Form SA 116. As early as practicable after completion of the investigations (*see c.*), Forms SA 116 (Copies 1 and 3 only) are to be prepared, and the copies disposed of as follows:

Copy No 1—To accompany report forwarded in accordance with d.

Copy No 3—To be used to provisionally adjust the Store Account and then filed.

When approved by the Naval Board, formal advice will be forwarded to the unit. Copy No 3 is then to be endorsed with details of the approval.

95. Where the stores are recovered (ie, stores taken into unlawful possession, removed from the usual place of custody and later recovered either with or without apprehension of the person responsible) action at Paragraph 94 h. is to be taken. In cases of attempted theft (ie, an unsuccessful attempt to obtain physical possession of stores, etc, unlawfully) the Senior Officer and Naval Liaison Officer are to be informed.

#### Procedure for Reporting Losses (other than by Theft, Robbery or Fraud), Deficiencies or Damage

96. The action to be taken is:

- a. The loss, deficiency or damage is to be reported to the Commanding Officer who is to arrange for an investigation to be carried out;
- b. in the case of important stores, details are to be reported to the Senior Officer who is to inform the Director of Naval Reserves through the Naval Liaison Officer. The report should be a comprehensive and carefully considered one under the signature of the Commanding Officer. Statements from officers or cadets or copies of evidence taken at investigations are not to be forwarded with the report;
  - (1) For this purpose important stores are to be regarded as including:
    - (a) Anchors, boats, binoculars, cameras, telescopes, watches, electrical instruments, portable radio equipment, etc;
    - (b) any single item of a value exceeding \$20; and
    - (c) groups of items of a total value exceeding \$20 which are lost at the same time or in the same set of circumstances.

(2) The reports are to deal with the following aspects:

- (a) What is the amount of the loss, deficiency or damage and how, where and where did it occur? If the date of loss is not known, the date that the item was last sighted is to be stated;
- (b) whether an inquiry was held and with what result?
- (c) was the loss, deficiency or damage caused or necessitated through fraud, mistake, default, neglect or error of any person? If so the names of the persons concerned;
- (d) what steps have been taken to recover the stores or the resultant financial loss?
- (e) full particulars of any disciplinary action taken or proposed or the reasons why such action is not considered appropriate; and
- (f) does the investigation show any defect of the existing system of control and, if so, what remedy is proposed?

c. as early as practicable after completion of the investigation (*see a. above*), Forms SA 116 (Copies 1 and 3 only) are to be prepared and the copies disposed of as follows:

Copy No 1—To be forwarded to the Senior Officer for forwarding to the Director through the Naval Liaison Officer for covering approval. In the case of important stores (*see (b) above*) the Form SA 116 is to accompany the report.

Copy No 3—To be used to provisionally adjust the store account and filed.

When approved by the Naval Board, the Senior Officer is to be informed. Copy No 3 is to be endorsed with details of the approval.

### Section 12—Accounting

#### Form of Account

97. A record of all stores supplied is to be kept by each unit on Forms AS 151 for accountable stores and AS 151Y for non-accountable stores. A separate page showing the Group Class, Catalogue No, Description and Denomination of Quantity is to be prepared for each description of stores. The pages are to be enclosed in binders, Forms AS 155. (Each binder will hold approximately 200 pages.)

#### Arrangement of Forms AS 151 and AS 151Y

98. Forms AS 151 and AS 151Y are to be arranged in the one series in numerical order of catalogue number within each Group Class, separate sections being maintained for Naval, Victualling, Armament and Hydrographic Stores, Books of Reference and Presentations, Relics and Trophies, Medical and Dental Stores. Pages for items for which a catalogue number has not been allocated are to be arranged alphabetically at the end of the appropriate Group Class.

#### Posting of Ledgers

99. Ledger entries are to be made, in ink, as follows:

##### a. Receipts:

- (1) Accountable items. The date of receipt, voucher number, and quantity received are to be entered in the appropriate columns of the Form AS 151 and the remains column adjusted.
- (2) Non-accountable items. The date of receipt and quantity received are to be entered on the Form AS 151Y and the remains column adjusted.

#### b. Internal Issues and Returns:

(1) Accountable items—*see* Section 9.

The remains column is not to be altered.

(2) Non-accountable items. The date on which the issue is made is to be entered on the Form AS 151Y and the remains column adjusted immediately the issue is made. The quantity shown in the remains column represents the stock on hand and should not include quantities in use.

#### c. Returns to Store Depots, etc:

(1) Accountable items. The date of issue, registered number of the Stores Return, SX 28, and quantity returned are to be entered in the appropriate columns of the Form AS 151 and the remains column adjusted.

(2) Non-accountable items. The date of issue is to be entered on the Form AS 151Y and the remains column adjusted.

#### d. Losses, etc:

The date of the Loss Voucher, voucher number and quantity are to be entered in the appropriate columns of the Form AS 151 and the remains column adjusted.

#### e. Voucher Number:

(1) In the column headed 'Voucher Number' on Form AS 151 both the form identification number, eg, SX 22, SS 7, etc, and the registration number are to be inserted as per the following examples:

SX 22	SS 7
-----	-----
1675	1

(2) The registration number of Form SX 22 is the number shown in the panel endorsed 'Form Code LIV', not that in the panel endorsed 'Back Reference' which is the number of the demand, Form SX 14, raised by the unit.

100. Presentations, Relics and Trophies (PR and T) loaned from Naval sources are to be dealt with in the same manner as accountable stores, separate Forms AS 151 being raised for each item supplied. The forms, clearly endorsed to indicate that the items are presentations, relics or trophies are to be inserted in a separate PR and T section of the ledger.

#### Filing of Vouchers

101. Vouchers are to be filed by types of vouchers in numerical order of registration number.

#### Uniforms—unit Issues and Replacements

102. Units are to raise an Issue Card (Form ASCC 7) for each cadet, and every item of uniform issued is to be recorded thereon together with the date of issue. The card is to be signed by the cadet in acknowledgment of issue. When uniforms are returned entries are to be made on the card showing the items returned and the date. When uniforms issued to cadets are replaced for any reason, entries are to be made on the Issue Card showing the issues and returns as appropriate.

103. Inspections and audit of stores ledgers, etc, will be made by Naval representatives.

## Section 13—General

**Half Yearly Musters**

104. All accountable stores are to be mustered by two officers or instructors of the unit concerned on 31 March and 30 September of each year or as near as possible to these dates. A certificate signed by the mustering officers or instructors is to be inserted in the stores ledgers AS 151 and AS 151Y. Any deficiencies disclosed during the muster are to be treated as losses and dealt with as detailed in Section 11.

105. The Commanding Officer is to inform the Senior Officer of the results of the musters within one month thereof. The Senior Officer is to inform the Naval Liaison Officer of these results. Store accounts are to be produced for examination by inspecting officers.

**Forms**

106. A list of forms to be used together with their catalogue numbers is contained in Annex 'E'. Necessary forms (except Forms AS 151 and AS 151Y, *see* Paragraph 107) are to be obtained on demands prepared and dealt with as detailed in Section 7.

107. Requirements of Forms AS 151 and AS 151Y which require to be serially numbered before issue, are to be requested, by letter, from the Senior Inspector (Stores), c/o Superintendent of Supply Administration, Garden Island, NSW 2000. Stores demands are not to be used. When received, the Forms AS 151 and AS 151Y will be accompanied by Forms AS 155A detailing the numbers allocated to the forms. As the forms are taken into use, the group class and catalogue numbers of the items for which the form is to be used is to be inserted against the relevant form number.

## ANNEX A

## Instructions for Preparation of Forms

## 1. Form SX 14—Stores Demand

- a. Remove two sheets of protective flimsy paper from sets.
- b. When being handwritten the set of forms is to be placed on a metal or plastic writing sheet to ensure a good impression. When being typewritten the special backing sheet (*see* Paragraph 63) is to be placed behind the set.
- c. Insert in appropriate spaces (panels/columns of the form) the undermentioned information. (*Note:* For guidance of demanding officers, the spaces which are not to be completed by the demanding unit are also detailed.)

STORE DEPOT CODE: Not to be completed by demanding unit.  
 SOURCE: The code number allocated the unit—(*see* Annex 'F'), eg, '1456'.  
 YEAR: Last two digits of current year to be shown, eg, '68'.  
 REG'R: Not to be completed by demanding unit.  
 (Register)  
 REGISTRATION NO: Demanding units registered number for this demand. (*see* Paragraph 60.) Demands to be numbered sequentially from 1 at the beginning of each calendar year.  
 ISSUE AUTHORISED: Not to be completed by demanding unit.

## ANNEX A—continued

CONSIGNEE CODE: Not to be completed by demanding unit.  
 CONSIGNEE: Name of demanding unit and address for delivery of stores, eg, 'TS NUNSUICH, 48 Mort St, Braddon, ACT 2601'.  
 REMARKS: Any applicable remarks.  
 DATE REQUIRED: This information is optional. Date on which delivery of the stores is required. Any date stated is to be expressed in the form '07OCT68' or '13OCT68'—with no spaces between characters.  
 OFFICER DEMANDING STORES: Signature and rank of units Co. Officers name to be typed or printed immediately under signature.  
 SEQ NO: (Sequence No) Number each item on form sequentially from '1'. The last item on each form is to be indicated by the insertion of the letter 'F' after the sequential number, eg, if three items only are included on the form the sequential number for the third item would be shown as 3F.  
 GROUP CLASS: The Group Class of the item as shown in the Allowances of Stores, eg, '0575'.  
 CATALOGUE NO: Catalogue number of the item as shown in the Allowances of Stores, eg, '51487'.  
 SHORT NAME: A brief description of the item, eg, 'RULERS, PARALLEL'.  
 D OF Q: Denomination of Quantity as shown in the Allowances of Stores, eg, 'No'.  
 CL: Accounting Classification for the item as shown in the Allowances of Stores, eg, 'A'.  
 REASON CODE: One of the following codes:  
 1—if demand is to replenish stocks on non-accountable items within the allowance.  
 2—if demand is for items in replacement of defective accountable items being returned to a store depot, etc, for survey or being surveyed locally. Particulars of the Stores Return, Form SX 28, or Survey Voucher, Form SS 7, are to be included in the 'Remarks' panel. (*See* Paragraphs 64-66.)  
 3—if demand is for items to complete to allowance of accountable items. When it is to replace items lost or damaged, details of the Loss Voucher and Navy Office file number are to be included in the 'Remarks' panel.  
 USAGE CODE: Not to be completed by demanding unit.

## ANNEX A—continued

STOWAGE LOCATION: Completion is optional.  
 QUANTITY: As applicable.  
 REQUIRED:  
 QUANTITY ONBOARD: Quantity on ledger charge in unit at time of preparing demand.  
 QUANTITY ALLOWED OR 12 MTHS EXP: Quantity allowed as shown in the Allowances of Stores.

## 2. Form SX 28—Stores Return

- a. Remove the two sheets of protective flimsy paper from sets.
- b. When being handwritten the set of forms is to be placed on a metal or plastic writing sheet to ensure a good impression. When being typewritten, the special backing sheet (*see* Paragraph 63) is to be placed behind the set.
- c. When an additional copy is required (*see* Paragraph 88 c. (3)) a sheet of flimsy is to be inserted behind the Ships Copy with carbon paper between.
- d. Insert in appropriate spaces (panels/columns of the form) the undermentioned information. (*Note:* For guidance of returning officers the spaces which are not to be completed by the returning unit are also detailed.)

STORE DEPOT USE ONLY Not to be completed by returning unit.

OFFICER RETURNING STORES: Signature and rank of units CO Name to be typed or printed in block letters immediately under signature.

SOURCE: The code number allocated to the unit—(*see* Annex 'F', eg, '1456').

YEAR: Last two digits of current year to be shown, eg, '68'.

REG'R: (Register) Not to be completed by returning unit.

REGISTRATION NO: Returning units registered number for this return (*see* Paragraphs 85-87). Returns to be numbered sequentially from '1' at the beginning of each calendar year.

IN LIEU OF ITEMS DEMANDED ON: When replacements have been demanded the registered number of the Stores Demand raised to demand the replacement items is to be shown, eg, 'SX 28/12'. In such cases the demand form SX 28 is to be forwarded with the Stores Return.

RETURNED TO: Not to be completed by returning units.

REMARKS: Any applicable remarks. The method of returning the items (*see* Paragraph 88) is to be entered in this panel and if they are dispatched by rail, road, sea, etc, details of the package numbers, consignment notes, etc, are to be included.

## ANNEX A—continued

REASON FOR RETURN: As appropriate.

SEQ NO: (Sequence No) Number each item on form sequentially from '1'. The last item on each form is to be indicated by the insertion of the letter 'F' after the sequential number, eg, if three items only are included on the form the sequential number for the third item would be shown as 3F.

GROUP CLASS: The Group Class of the item as shown in the Allowances of Stores, eg, '0581'.

CATALOGUE NO: Catalogue number of the item as shown in the Allowances of Stores, eg, '51467'.

SHORT NAME: A brief description of the item, eg, 'DINGHY, SAILING'.

D of Q: Denomination of Quantity as shown in the Allowances of Stores, eg, 'No'.

CL: Accounting classification for the item as shown in the Allowances of Stores, eg, 'N'.

QUANTITY RETURNED: As applicable.

## 3. Form SS 7—Survey, Transfer and Conversion Voucher

- a. Form SS 7 is to be prepared in triplicate when local survey is required. Copy numbers are to be inserted in the top right hand corner of each copy.
- b. The undermentioned particulars are to be inserted in the appropriate spaces (panels/columns) of the form by the unit:

TYPE OF STORES: Category of stores as shown in Allowances of Stores, eg, Victualling Naval Stores, etc.

FOR STORES LOCATED AT: Precise location of stores, eg, drill hall, parade ground, etc.

SHIP OR ESTABLISHMENT: Name of unit.

SOURCE: Code number allocated to the unit—(*see* Annex 'F', eg, '1234').

YEAR: Last two digits of current year to be shown, eg, '68'.

REGISTRATION NO: Units registered number for this voucher. Survey vouchers to be numbered sequentially from '1' at the beginning of each calendar year.

SEQ NO: (Sequence No) Number each item on form sequentially from '1'. The last item on each form is to be indicated by the insertion of the letter 'F' after the sequential number, eg, if three items only are included on the form the sequential number for the third item would be shown as 3F.

## ANNEX A—continued

GROUP CLASS:	The Group Class of the item as shown in the Allowances of Stores, eg, '0628'.
CATALOGUE NO:	The Catalogue Number of the item as shown in the Allowances of Stores, eg, '12345'.
SHORT NAME:	A brief description of the item, eg, 'STRETCHERS, AMBULANCE'.
D of Q:	Denomination of Quantity as shown in the Allowances of Stores, eg, 'No'.
QUANTITY ISSUED FOR SURVEY:	The quantity requiring survey.
REASON FOR SURVEY, TRANSFER OR CONVERSION:	The particulars required to be included in accordance with Paragraph 92 b.

- c. The Surveying Officers are to indicate the result of the survey by completing the undermentioned spaces (panels/columns) of the form:

QUANTITY RECEIVED OR SURVEY REPORT	The quantity found in the condition surveyed as indicated in the condition code in the panel at the top centre of the form.
CODE—CONDITION:	The condition code of the quantity surveyed, eg, '3' for repairable items.
WE/I HAVE SURVEYED ETC.....	To be signed by the officers surveying the stores. The name of each officer is to be typed or printed in block letters immediately under his signature.

*Note:* In the event of the deterioration being due to other than fair wear and tear this is to be clearly stated.

- d. After approval when the articles are to be destroyed or brought to produce (see Paragraph 92 e.) the certificate 'I certify that articles have been .....destroyed or brought to produce.....' is to be signed by the Commanding Officer of the unit.

*Note:*

- (1) In the RAN, Forms SS 7 are used as Transfer and Conversion vouchers as well as Survey Vouchers. Because of this and certain other reasons the following blocks on the front of the form are not to be completed by the unit or Surveying Officers:

TO  
FROM  
REG'R  
FOR DTO USE  
D OF Q CODE  
POSTING CODE  
CODES—USAGE

## ANNEX A—continued

ORIGINAL VALUE  
SALE  
WRITE-OFF  
DOWN GRADING  
RECOMMENDATIONS OF SURVEYING OFFICERS  
Are Approved/Concurred In.  
RECEIVED STORES, ITEM NUMBERS AS SHOWN.

- (2) Apart from completing the 'Routing Instructions' by addressing copies Nos 1 and 2 of the form to the Director of Reserves, the panels on the back of the form are not to be completed by the unit or Surveying Officers.

## 4. Form AS 130—Application for Stores in Excess of Allowances

Procedure for completing Section A (by unit)

Insert in appropriate spaces (panels/columns) the undermentioned information. No entries are to be made in spaces not mentioned:

FROM:	Name of Unit.
ORIGINATORS SERIAL NUMBER:	Units registered number of this form immediately followed by an oblique stroke and the last two digits of the year when raised, eg, '1/68'.
TO:	The title of the Divisional Senior Officer.
GROUP CLASS CATALOGUE NUMBERS:	The Group Class and Catalogue Numbers of the additional items requested. Where this information is not known the Naval Liaison Officer should be requested to ascertain the details.
DESCRIPTION:	Brief name of the item.
DENOMINATION OF QUANTITY:	As applicable.
ALLOWANCE PRESENT: PROPOSED:	As applicable.
NOW REQUIRED QUANTITY: VALUE:	As applicable. When the value is not known the Naval Liaison Officer should be requested to ascertain the details.
FULL REASON FOR REQUIREMENTS:	Explain why the additional items are required. It is necessary that only items essential (not merely desirable) for the efficient operation of the unit are requested.
SIGNATURE OF DEMANDING OFFICER:	The signature of the units Commanding Officer. The name of the officer is to be typed or printed in block letters immediately under the signature.

ANNEX B  
Clothing Scales

Scale A—Officers

1. An Officer to whom a Certificate of Appointment has been issued shall be provided with the following articles of uniform.

Item	Quantity	Replacement
Coat, undress, officer, serge No 2, M to M	No 1	Six years
Trousers, officer, serge No 2 M to M	Pr 1	
Cap, peaked	No 1	Four years
Cap covers	No 2	
Badge, cap	No 1	
Plate, cap, ASCC	No 1	
Raincoat, Mans proofed Nylon	No 1	Four years
Shirt, white	No 2	Three years
Collars, stiff	No 2	
Necktie, black	No 1	
Boots, light	Pr 1	
Trousers, action working	Pr 1	Four years
Shirt, action working	No 1	
Socks, black	Pr 2	
Shoulder straps	Pr 1	Six years

2. In addition to the items listed in Paragraph 1 above tropical dress to the following scale may be issued to officers in Units designated by the Naval Board as being in hot weather areas.

Item	Quantity	Replacement
Shorts, white	Pr 1	Four years
Shirt, white tropical	No 1	
Stockings, white	Pr 1	
Shoes, canvas, white	Pr 1	

3. The following uniform will be issued to officers serving in Units situated wholly within the tropics, in lieu of that listed in Paragraphs 1 and 2 of this order.

Item	Quantity	Replacement
Trousers, serge No 2	Pr 1	Six years
Shoulder straps	Pr 1	
Jacket, serge No 2 working dress	No 1	
Cap, peaked	No 1	Four years
Cap covers	No 2	
Badge, cap	No 1	
Plate, cap, ASCC	No 1	
Shirts, tropical, white	No 2	
Shorts, tropical, white	Pr 2	
Stockings, white	Pr 1	
Stockings, blue	Pr 1	
Shoes, canvas, white	Pr 1	Four years
Socks, black	Pr 2	
Shorts, blue working	Pr 1	
Shirt, action working	No 1	Four years
Boots, light	No 1	Three years
Raincoat, mans proofed Nylon	No 1	Four years

ANNEX B—continued

Scale B—Instructors

4. Chief Petty Officer Instructors and Petty Officer Instructors to whom Certificates of Appointment have been issued shall be provided with the following articles of uniform.

Item	Quantity	Replacement
Coat, DB serge No 2	No 1	Six years
Trousers, serge, Class I and III	Pr 1	
Cap	No 1	Four years
Cap covers	No 2	
Badge, cap CPO or PO	No 1	
Plate, cap, ASCC	No 1	
Raincoat, mans proofed nylon	No	Four years
Shirts, white	No 2	Three years
Collars, stiff	No 2	
Necktie, black	No 1	
Boots, light	Pr 1	
Trousers, action working	Pr 1	Four years
Shirt, action working	No 1	
Socks, black	Pr 2	

5. Tropical dress according to the following scale may be issued to instructors in Units designated approved by the Naval Board as being in hot weather areas.

Item	Quantity	Replacement
Shorts, white	Pr 1	Four years
Shirt, white, tropical	No 1	
Stockings, white	Pr 1	
Shoes, white canvas	Pr 1	

6. The following uniform will be issued to Chief Petty Officer Instructors and Petty Officer Instructors serving in Units situated wholly within the tropics, in lieu of that listed in Paragraphs 4 and 5 of this order:

Item	Quantity	Replacement
Trousers, serge Class I and III	Pr 1	Six years
Jacket, serge No 2, working dress	No 1	
Cap	No 1	Four years
Cap covers	No 2	
Badge, cap CPO or PO	No 1	
Plate, cap, ASCC	No 1	
Shirts, white tropical	No 2	Four years
Shorts, white, tropical	Pr 2	
Stockings, white	Pr 1	
Stockings, blue	Pr 1	Four years
Shoes, white canvas	Pr 1	
Socks, black	Pr 2	
Shorts, blue working	Pr 1	Four years
Shirt, action working	No 1	
Boots, light	Pr 1	Three years
Raincoat, Mans proofed nylon	No 1	Two years

## ANNEX B—continued

## Scale C—Cadets

7. On completion of a probationary training period of approximately one month, each cadet may be issued with the following articles of uniform, on the authority of his Commanding Officer:

Item	Quantity	Replacement
Jumper, serge .. .. .	No 1 ..	} Four years
Trousers, serge .. .. .	Pr 1 ..	
Collar, blue .. .. .	No 1 ..	
Scarf, black .. .. .	No 1 ..	
Cap, white, Class II .. .. .	No 1 ..	
Ribbon, cap .. .. .	No 1 ..	
Lanyard, knife .. .. .	No 1 ..	
Flannel, cotton .. .. .	No 1 ..	
Sweater, blue, square neck .. .. .	No 1 ..	
Boots, heavy .. .. .	Pr 1 ..	

8. Tropical dress according to the following scale may be issued to cadets in units designated by the Naval Board as being in hot weather areas.

Item	Quantity	Replacement
Shorts, white .. .. .	Pr 1 ..	} Four years
Stockings, blue .. .. .	Pr 1 ..	

9. The following uniform will be issued to cadets serving in units situated wholly within the tropics, in lieu of that listed in Paragraphs 7 and 8 of this order:

Item	Quantity	Replacement
Trousers, serge .. .. .	Pr 1 ..	} Four years
Cap, white Class II .. .. .	No 1 ..	
Ribbon, cap .. .. .	No 1 ..	
Lanyard, knife .. .. .	No 1 ..	
Flannels, cotton .. .. .	No 2 ..	
Boots, heavy .. .. .	Pr 1 ..	
Shorts, white .. .. .	Pr 2 ..	
Stockings, blue .. .. .	Pr 1 ..	
Sweater, blue, square neck .. .. .	No 1 ..	Six years

## ANNEX C

## Clothing Measurements and Sizes

Boots, heavy or light, fitting 5 .. .. .	Sizes 4 in to 13 in
Boots, heavy or light, fitting 6 .. .. .	
Cap, peaked .. .. .	Sizes 6½ in to 7¼ in (in ½ in sizes)
Cap, white, Class II .. .. .	Sizes 6 in to 7¼ in (in ½ in sizes)

## ANNEX C—continued

## Coat, DB serge No 2

Size	Height		Chest of Coat Buttoned Inches
	ft	in	
3	5	3 to 5 4	34
3½	5	3 to 5 4	35
3½	5	7 to 5 8	34
4	5	5 to 5 6	36
4½	5	5 to 5 6	37
4½	5	9 to 5 10	36
5	5	7 to 5 8	38
5½	5	7 to 5 8	39
5½	5	11 to 6 0	38
6	5	9 to 5 10	40
6½	5	9 to 5 10	41
6½	6	1 to 6 2	40
7	5	11 to 6 0	42

Collar, blue .. .. .	Sizes 1, 2, 3, 4.
Collar, stiff .. .. .	Sizes 12 in to 18½ in (in ½ sizes)
Flannel, cotton .. .. .	Sizes 1, 2, 3, 4, 5.
	Chest of Wearer 34 in, 36 in, 38 in, 40 in, 42 in.

## Jacket, Serge No 2, working dress

Size	Height		Chest Inches	Length of Back Inches
	ft	in		
03	4	9 to 5 0	29 to 30	21
02	5	1 to 5 2	30 to 31	21½
01	5	1 to 5 2	31 to 32	21½
1	5	3 to 5 4	32 to 33	22
2	5	3 to 5 4	34 to 35	22
3	5	3 to 5 4	36 to 37	22
4	5	5 to 5 6	34 to 35	22½
5	5	5 to 5 6	36 to 37	22½
6	5	5 to 5 6	38 to 39	22½
6X	5	5 to 5 6	38 to 39	22½
7	5	7 to 5 8	35 to 36	23
8	5	7 to 5 8	37 to 38	23
9	5	7 to 5 8	39 to 40	23
9X	5	7 to 5 8	39 to 40	23
10	5	9 to 5 10	36 to 37	23½
11	5	9 to 5 10	38 to 39	23½
12	5	9 to 5 10	40 to 41	23½
12X	5	9 to 5 10	40 to 41	23½
13	5	11 to 6 0	38 to 39	24
14	5	11 to 6 0	40 to 41	24
15	5	11 to 6 0	42 to 43	24
15X	5	11 to 6 0	42 to 43	24
16	6	1 to 6 2	39 to 40	24½
17	6	1 to 6 2	41 to 42	24½
18	6	1 to 6 2	43 to 44	24½
18X	6	1 to 6 2	43 to 44	24½

## ANNEX C—continued

## Jumper, serge

Size	Height of Wearer		Chest of Wearer Inches	Length of Body Inches	Length of Sleeve Inches
	ft	in			
02	5	2	30	25	20
01	5	2	32	25	20
1	5	4	34	26	21
2			36	26	21
3			38	26	21
4			40	26	21
5			42	26	21
6	5	6	34	27	22
7			36	27	22
8			38	27	22
9			40	27	22
10			42	27	22
11	5	8	34	28	23
12			36	28	23
13			38	28	23
14			40	28	23
15			42	28	23
16	5	10	36	29	24
17			38	29	24
18			40	29	24
19			42	29	24
20			44	29	24
21	6	0	36	30	25
22			38	30	25
23			40	30	25
24			42	30	25
25			44	30	25

## Raincoats, Mans, proofed Nylon

	SM	M	OS	XOS
Length at centre back (from collar seam to bottom hem)	46 in	47½ in	49 in	52 in
Chest (buttoned)	51 in	52 in	53 in	56 in
Size of Collar (buttoned)	16½	16½	17¼	17¾
Shirt, action working	.. .. . Sizes 13½ in to 18 in (in ½ sizes)			
Shirt, white, tropical	.. .. . Sizes 14 in to 17 in (in ½ sizes)			
Shirt, white	.. .. . Sizes 13½ in to 18 in (in ½ sizes)			
Shoes, canvas, white, fitting 5	.. .. . Sizes 4 in to 14 in			
Shoes, canvas, white, fitting 6	.. .. . Sizes 5 in to 14 in			

## ANNEX C—continued

## Shorts, white, tropical

Size	Waist Inches	Seat Inches	Side Seam Inches
01	28	34	19
0	29	35	19½
1	30	36	20
2	31	37	20½
3	32	38	20¾
4	33	39	21¼
5	34	40	22
6	35	41	22
7	36	42	23¼
8	38	44	23½
9	40	46	24
10	42	47	24½
11	45	49	25½
12	47	51	26
5½	30	36	23
6½	32	38	23¼
7½	34	40	24½
8½	36	42	25¾
3¼	34	40	20½
4¼	36	42	21¼
5¼	38	44	22
6¼	40	46	23¼

## Shorts, blue, working

Size	Waist Inches	Seat Inches	Side Seam Inches
01	28	34	19½
0	29	35	20
1	30	36	20½
2	31	37	21
3	32	38	21¼
3½	34	40	21
4	33	39	21¾
4¼	36	42	21¾
5	34	40	22½
5¼	38	44	22½
5½	30	36	23½
6	35	41	22½
6¼	40	46	23¾
6½	32	38	23¾
7	36	42	23¾
7½	34	40	25
8	38	44	24
8½	36	42	26¼
9	40	46	24½
10	42	47	25
11	45	49	26
12	47	51	26¼

Socks, black .. .. .  
 Stockings, blue or white .. .. .

Size 0, 1, 2, 3, 4, 5  
 Length of foot 9½ in, 10 in, 10½ in,  
 11 in, 11½ in, 12 in



## ANNEX C—continued

## Trousers, action working

Size	Waist Inches	Inside Leg Inches
0	28	30
1	28	31½
2	29	31
3	30	29
4	32	30
5	34	31
6	36	32
7	38	32½
8	40	33
3½	30	30½
4½	32	31½
5½	34	32½
6½	36	33½
3¼	33	28
4¼	35	29
5¼	37	30
6¼	39	31
6A	41	31
7A	44	32
8A	46	32

## Trousers, serge, Class II

Size	Waist Inches	Inside Leg Inches
02	28	28
01	29	28
1	30	28½
2	31	28½
3	32	28½
4	33	29
5	34	29
6	30	30
7	31	30
8	32	30
9	33	30
10	34	30
11	35	30
12	30	32
13	31	32
14	32	32
15	33	32
16	34	32
17	36	32
18	38	32
19	40	32
20	32	34
21	33	34
22	34	34
23	36	34
24	38	34
25	40	34

## ANNEX C—continued

## Trousers, serge, Class I and III

Size	Waist Inches	Inside Leg Inches
3	30	28½
3¼	33	27½
3½	30	30½
4	32	29½
4¼	35	28½
4½	32	31½
5	34	30½
5¼	37	29½
5½	34	32½
6	36	31½
6¼	39	30½
6½	36	33½
7	38	32½

## Trousers, serge No 2, working dress

Size	Height				Waist Inches	Inside Leg Inches
	ft	in	ft	in		
03	4	9 to 5	0		27 to 28	26½
02	5	1 to 5	2		28 to 29	27½
01	5	1 to 5	2		29 to 30	27½
1	5	3 to 5	4		28 to 29	29
2	5	3 to 5	4		30 to 31	29
3	5	3 to 5	4		31 to 32	29
4	5	5 to 5	6		30 to 31	30½
5	5	5 to 5	6		31 to 32	30½
6	5	5 to 5	6		33 to 34	30½
6X	5	5 to 5	6		36 to 37	30½
7	5	7 to 5	8		30 to 31	31½
8	5	7 to 5	8		32 to 33	31½
9	5	7 to 5	8		34 to 35	31½
9X	5	7 to 5	8		37 to 38	31½
10	5	9 to 5	10		31 to 32	32½
11	5	9 to 5	10		33 to 34	32½
12	5	9 to 5	10		35 to 36	32½
12X	5	9 to 5	10		38 to 39	32½
13	5	11 to 6	0		33 to 34	33½
14	5	11 to 6	0		35 to 36	33½
15	5	11 to 6	0		37 to 38	33½
15X	5	11 to 6	0		40 to 41	33½
16	6	1 to 6	2		34 to 35	34½
17	6	1 to 6	2		36 to 37	34½
18	6	1 to 6	2		38 to 39	34½
18X	6	1 to 6	2		41 to 42	34½

ANNEX D  
General Naval Stores

Category or Reference No	Pattern No	CLASS A—Accountable NA—Non-Accountable	Description	Denom of Qty	Allowance per Unit	Remarks
0221	21003	A	Anchors, boats 20 lbs galvanised	No	1 per each boat issued	For firefighting instruction only
0243	4729	NA	Charges, 2 gal for extinguisher Patt 47260	No	Six per annum	
0243	47260	A	Extinguisher, Fire, foam 2 gals without charges and hose	No	Two ..	
0243	47262	NA	Hose Metallic 4 ft for use with Ext Patt 47260	No	Two ..	
0251	20	NA	Calls Boatswain .. ..	No	1 per 20 Cadets of authorised complement	
0251	7499	A	Bells, watch, complete 8 in diam 5— $\frac{5}{8}$ height, 10— $\frac{5}{8}$ weight	No	One	
0251	L50143	NA	Rings for Flags American Patt	No	As required for flags issued	
0251	L50047	NA	Clips for Flags American Patt	No	As required for flags issued	
0252	5902	A	Lanterns, Anchor .. ..	No	One	
0252	L50284	A	Lanterns, Port Brass 6 in x 4 $\frac{1}{2}$ in	No	One	
0252	L50287	A	Lanterns, Starboard Brass 6 in x 4 $\frac{1}{2}$ in	No	One	
0255	9717	NA	Crutches .. ..	No	As required for boats issued	
0262	16895	NA	Boat Hook .. ..	No	1 per whaler issued	
0274	699	NA	Needles, sail, middling .. ..	No	12 per annum	
0274	910-5444	NA	Marlin, Spike 9 in .. ..	No	3 per annum	

0275	2391	NA	Palms, Roping .. ..	No	3 per annum	
2075	2392	NA	Palms, Seaming .. ..	No	3 per annum	
0350	12011	NA	Cordage, manila, 1 $\frac{1}{2}$ inch .. ..	FMS	120	
0350	L77651	NA	Rope, Terelyenne, Signal Hal-yard	FMS	120	
0350	33750	NA	Lines, White, Hand lead 1 $\frac{1}{8}$ in ..	No	Two	
0350	L77640	NA	Spunyarn (Aust Flax 40 thread 3 yarn)	Lbs	Two	
0442	L59385	NA	Enamel, Light grey, Marine exterior Finishing to Specn SCA Int 227	Gals	2 per annum for each whaler issued	
0442	L59399	NA	Enamel, white (EN/30) in gal tins	Gals	1 per annum for each whaler issued	
0442	942-9375	NA	Varnish, hard drying general purpose	Gals	1 per annum for each dinghy issued	
0461	305	A	Jackets, lifeboat type .. ..	No	1 per 5 cadets of authorised complement	
0461	475	A	Stretchers, Ambulance, Neil Robertson	No	One	
0461	3856	NA	Dividers 5 inch .. ..	No	Six	
0461	9121	NA	Targets Small 6 in .. ..	No	Four per cadet per annum	
0472	307/L1	A	Buoys, Life Circular, Fibreglass	No	One	
0472	6940	NA	Oars .. ..	No	As required for boats issued	
0472	6950	NA	Stave for boat hook, 12 ft .. ..	No	One for each whaler issued	
0472	7521	A	Dinghy, Sailing 14 ft (fully equipped)	No	One per 60 cadets of authorised complement	

## General Naval Stores—continued

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Category or Reference No	Pattern No	CLASS A—Accountable NA—Non-Accountable	Description	Denom of Qty	Allowance per Unit	Remarks
0472	7525	A	Whaler, 27 ft (fully equipped)	No	One per 60 cadets of authorised complement	Not required for School Units unless specially authorised. D of R to authorise issue and allocate priorities in all cases
0477	9087	NA	Blocks, wood, common, single 5 in	No	Two	
0477	9088	NA	Blocks, wood, common, single 3 in	No	Three	
0477	9096	NA	Blocks, wood, common, double 5 in	No	Three	
0477	L74026	A	Blocks, single, IB swivel eye with hook	No	One	
0552	160100	A	Rulers, parallel rolling, brass 18 in C/W transit case	No	Six	
0558	16410	A	Boxes, transport for 5 in lantern Patt 16409	No	Two	
0571	0210	A	Compass boat, 4½ in card in dwarf metal binnacle with oil lamp	No	One for each whaler issued	
7240	66-013-4772	A	Plastic water can, 5 gal ..	No	One per boat issued	
0276	L62531	A	Shipwrights kit of tools (NS1) for boat maintenance	No	One .. ..	Not required for School Units unless boats have been issued

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## Electrical Naval Stores

0558	198307	NA	Head set. Earphone double (STD code 40494) with cord Patt 0576/180365 and plug Patt 0611/651	No	1 per ten Cadets of authorised complement	
0558	10561	NA	Keys, morse PO type ..	No	Two	
0558	16409	A	Lantern, signalling, portable 5 in hand	No	Two	
0558	160011	A	Torch, signalling, morse ..	No	Two	
6135	66-014-3454	NA	Batteries for 16001 ..	No	Twelve	
0559	012-0282	A	Buzzer 3V ..	No	Two	
0562	3361	NA	Cells, secondary for boxes Patt 423182	No	Six	
0562	402317	A	Cells, secondary for boxes Patt 423182	No	Six	
0584	9952513	NA	Lamps 11V, 36W for 5 inch signalling lantern	No	Four	
0611	400621	NA	Receivers, telephone ..	No	Six	
0627	N.P.	A	Transformer 240V-12V AC for 16409 complete with connections	No	Two	

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## Victualling Stores

0330	805	NA	Flannelette .. ..	Yds	1 per rifle issued	
0330	LIKE 1508	NA	Twine, roping, flax .. ..	Lbs	One	
0330	L74360	NA	Twine, marlin, white 2 ply 60 yds Aust flax	Lbs	Two	
0330	LIKE 1560	NA	Lines, hemp, whiting ..	No	One	
0330	LIKE 1563	NA	Lines, hemp, codfish ..	No	One	
0330	824904	NA	Ensign British blue 2 yd x 1 yd 4 breadth undefaced	No	One	
0330	839004	NA	Flag, national, Australian 4 breadth	No	One	
0340	9814	A	Wallet, for flags .. ..	No	One	
0340	60001-60731 inclusive	NA	Flags signal .. ..	Set	One	

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ANNEX D—continued  
Stationery

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Category or Reference No	Pattern No	CLASS A—Accountable NA—Non-Accountable	Description	Denom of Qty	Allowance per Unit	Remarks
AS322		NA	Deck log book .. .. .	No	One	
		NA	Equivalent ranks in 3 services chart	No	One	
S283		NA	Saluting and marks of respect . .	No	One	
		NA	Ranks and Badges in the RAN	No	One	
		A	Compass card .. .. .	No	One	
		A	Simple elements of W/T and voice technique	No	One per five cadets of authorised complement	
		A	Cadet instructions .. .. .	No	Three	
<b>Books of Reference</b>						
BR98(3)		A	Minor Landing Craft and Boats Signal Book	No	Ten	
BR67(1)		A	Manual of Seamanship Vol 1 . .	No	One per ten cadets of authorised complement	
BR67(2)		A	Manual of Seamanship Vol 2 . .	No	One per twenty cadets of authorised complement	
BR67(3)		A	Manual of Seamanship Vol 3 . .	No	One per thirty cadets of authorised complement	
ABR 232		A	Signal Card .. .. .	No	One per five cadets of authorised complement	
*ABR27 Vol 2 (10) (ORD)		A	General Naval Knowledge Pocket Book	No	One per cadet of authorised complement	
BR 1834		A	RN Handbook of Parade and Rifle Drill	No	One	

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\*(Note: BR 827 in lieu is to be issued as long as stocks are obtainable)

Armament Stores

231 NIV	A	Rifles, .303 No 1 drill ..	No	One per two cadets of authorised complement	
24979112	A	Sling, rifle .. .. .	No	One per drill rifle issued	
231004	A	Rifle No 1 Mk 3 assembly ..	No	One per ten cadets of authorised complement	If issue approved by Do/R
24979111	A	Sling, rifle, web, undyed ..	No	One per firing rifle issued	If issue approved by Do/R
235066	A	Bayonets No 1, Mk 1 assembly	No	One per ten cadets of authorised complement	If issue approved by Do/R
235010	A	Scabbard, Mk 2 bayonet No 1 assembly	No	One per ten cadets of authorised complement	If issue approved by Do/R
24917613	A	Frog, bayonet, undyed ..	No	One per ten cadets of authorised complement	If issue approved by Do/R
231043	A	Rifle No 2 Mk 4 assembly ..	No	One per ten cadets of authorised complement	If issue approved by Do/R
24979112	A	Sling, rifle .. .. .	No	One per ten cadets of authorised complement	If issue approved by Do/R
249 Various	A	Belts waist—extra large large .. small ..	No	One per two cadets of authorised complement	
249 Various	A	Anklets web—Size 1 undyed Size 2 undyed Size 3 undyed	Prs	One per two cadets of authorised complement	
22302812	A	Cleaning Gear for Rifle No 1 Oil, bottle .. .. .	No	1 No per Firing Rifle No 1 issued	
22305912	A	Pull through, Mk 4A, Single Asst			
223214	NA	Gauze, Wire Pieces ..			
223268	A	Cleaning Gear for Rifle No 2 Rod No 6 bore tool ..	No	1 per 8 rifles No 2 issued	
223300	NA	Cleaner rod No 6 .. .. .	No	1 per 4 rifles No 2 issued	
223419	NA	Brush rod No 6 .. .. .	No	1 per 4 rifles No 2 issued	

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ANNEX D—continued  
Armament Stores—continued

Category or Reference No	Pattern No	CLASS A—Accountable NA—Non- Accountable	Description	Denom of Qty	Allowance per Unit	Remarks
	357486	NA	<i>Ammunition</i> .303 Cartridges ball in charges in charger cases	rounds	40 per cadet per annum if rifles No 1 Mk 3 issued	
	357848	NA	Cartridges .22 rimfire ..	rounds	40 per cadet per annum	
6545-66- 019			<i>Hydrographic Stores</i>			
			Chart of local harbour ..	No	One	
			Chart of abbreviations ..	No	One	
			Instructional series of admiralty charts ..	No	Six	
	9799	NA	<i>Medical Stores</i> First aid kit, general purpose ..	No	One	

## ANNEX E

## List of Forms Used in Stores Functions

## Group Class Forms

Catalogue No	Form No	Description
SA 242	AS 130	Application for Stores in Excess of Allowances
SA 206	AS 151	Ledger Page—Accountable Stores
SS 137	AS 151Y	Ledger Page—Non-accountable Stores
LG 119	AS 155	Cover for Ledger Pages
SA 205	AS 1092	Temporary Loan Book
SS 7	SS 7	Survey, Transfer and Conversion Voucher
SX 14	SX 14	Stores Demand
SX 22	SX 22	Local Issue Voucher
SX 25	SX 25	Stores Return Voucher
SX 28	SX 28	Stores Return
SA 116	SA 116	Loss Voucher

## ANNEX F

## Sea Cadet Corps, Naval Reserve Cadet Units

Unit	Code
TS ADELAIDE, Adelaide, SA .. .. .	7604
TS ALBATROSS, Wollongong, NSW .. .. .	7129
TS AVALON, Geelong Grammar, Vic .. .. .	7013
TS BARWON, Geelong, Vic .. .. .	7005
TS BEDFORD, Kwinana Beach, WA .. .. .	7528
TS BENDIGO, Bendigo, Vic .. .. .	7021
TS BUNDABERG, Bundaberg, Qld .. .. .	7323
TS CANBERRA, Canberra, ACT .. .. .	7706
TS CONDAMINE, Manly, NSW .. .. .	7102
TS CORAL SEA, Townsville, Qld .. .. .	7382
TS DERWENT, Hobart, Tas .. .. .	7404
TS EMU, Burnie, Tas .. .. .	7420
TS ENDEAVOUR, Cairns, Qld .. .. .	7331
TS ESPERANCE, Dover, Tas .. .. .	7455
TS FLINDERS, Port Lincoln, SA .. .. .	7617
TS GAMBIER, Mount Gambier, SA .. .. .	7625
TS GAYUNDAH, Brisbane, Qld .. .. .	7307
TS HENTY, Portland, Vic .. .. .	7064
TS LATROBE, Yallourn, Vic .. .. .	7080
TS LEVEN, Ulverstone, Tas .. .. .	7439

ANNEX F—*continued*

TS MAGNUS, Brisbane C of E Grammar, Qld	..	..	..	7315
TS MELBOURNE, Albert Park, Vic	..	..	..	7048
TS MERSEY, Devonport, Tas	..	..	..	7447
TS MILDURA, Mildura, Vic	..	..	..	7072
TS MORROW, Geraldton, WA	..	..	..	7544
TS PALUMA, Stafford, Qld	..	..	..	7374
TS PARRAMATTA, Parramatta, NSW	..	..	..	7188
TS PERTH, Fremantle, WA	..	..	..	7501
TS PIONEER, Mackay, Qld	..	..	..	7358
TS SHROPSHIRE, Canterbury, NSW	..	..	..	7153
TS SIRIUS, Arncliffe, NSW	..	..	..	7161
TS SYDNEY, Snapper Island, NSW	..	..	..	7110
TS TAMAR, Launceston, Tas	..	..	..	7412
TS TOBRUK, Newcastle, NSW	..	..	..	7145
TS TYALGUM, Southport, Qld	..	..	..	7366
TS VANCOUVER, Albany, WA	..	..	..	7536
TS VOYAGER, Williamstown, Vic	..	..	..	7056
TS WARRAMUNGA, Darwin, NT	..	..	..	7714
TS WARREGO, Woolwich, NSW	..	..	..	7137
ST IVES HIGH SCHOOL (NRC), Sydney, NSW	..	..	..	7196
SYDNEY GRAMMAR (NRC), Sydney, NSW	..	..	..	7226
THE SCOTS COLLEGE (NRC), Sydney, NSW	..	..	..	7218

(DNA 930/51/179)



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
12 September 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY

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## Section 1

### ADMINISTRATIVE AND GENERAL

#### UNCLASSIFIED

#### 481—Motor Transport—Records

1. It is the responsibility of officers of ships and establishments concerned to ensure that complete records are maintained of each journey, miles run and petrol consumed in respect of each motor vehicle allocated.

2. Form NMT 1 (Daily Record) is to be completed by the driver as each journey is undertaken and signed by the Officer-in-Charge at the end of the day. When service transport is used for recreational purposes, the journeys carried out are to be indicated accordingly on Form NMT 1.

3. Form NMT 3 (Monthly Record) is to be compiled at the end of each month to record the daily employment, mileage run, petrol and oil consumption, etc. Particulars of all repairs and replacements effected are to be shown in the 'Remarks' column. When a vehicle is laid up for repair a notation to that effect is to be made on the form. When the use of transport is authorised on a repayment basis, particulars of the amount received and a reference to the official receipt are also to be shown on Form NMT 3.

4. Form NMT 15 (Quarterly Record) is to be compiled at the end of each quarter from information contained in Forms NMT 3 and forwarded to the Director of Supply Administration and Planning (Melbourne). (Navy Order 332 of 1968 is relevant.)

5. Users of vehicles loaned from the Reserve Pool are to complete all relevant Forms NMT 1, returning them to CSS, Sydney, for compilation of Forms NMT 3 and NMT 15.

#### 6. Disposal of Records:

- a. Forms NMT 1 and 3 are to be retained by ships and establishments for a period of 12 months for audit purposes or for transmission to Navy Office, if and when required, and then destroyed; and
- b. Forms NMT 15 are to be retained by all concerned for 12 months after the relevant vehicle/s are disposed of or transferred and then destroyed.

7. ABR 5013, Motor Transport Instructions, is being amended.

(DSAP 459/53/128)

(Navy Order 332 of 1968)

#### UNCLASSIFIED

#### 482—Naval Technical Services Branch—USN Weapon Equipments—RAN Ordalt Committee—Terms of Reference

1. Consequent on the introduction of surface and underwater weapon equipments of US origin into the RAN an Ordalt Committee has been established under the chairmanship of the Director of Weapons and Electrical Engineering.

2. The RAN Ordalt Committee has been instituted by the Naval Board to examine and review all proposals for modifications to surface and underwater weapon equipments of USN origin.



3. Subject, when appropriate, to confirmation by Naval Staff of a requirement and to confirmation by the Directors concerned that funds are available, the Ordalt Committee will decide which Ordalts are to be adopted. The Ordalt Committee will also determine the method for implementation of the agreed decision and consequential publication, drawing or microfilm amendments required.

4. The committee is to take action to inform ANA Washington, within 45 days of receipt of a design change proposal, of the decision of the Ordalt Committee.

5. The Ordalt Committee is the highest technical authority in the RAN on all questions concerning modification to surface and underwater weapon equipments of USN origin. The decisions of the Ordalt Committee are the authority for action by divisions and branches except in cases where Naval Staff policy is involved (eg, a major departure from modification standard) or where the overall cost of the modification to the department is estimated to exceed \$40,000, when the approval of the Naval Board is required.

6. Directors of divisions and branches on whose votes expenditure on approved modifications is borne will obtain the approval of competent authority in the normal course for expenditure of money in those instances where the amounts involved exceed their delegation.

7. DWE is responsible for:

- a. the submission of all modifications to non-expendable surface and underwater weapon equipments to the Ordalt Committee; and
- b. advising the A and A Committee of the Ordalts which have been adopted that require A and A action for installation.

The adoption of these Ordalts make the A and A mandatory.

8. DAS is responsible for the submission of all modifications to expendable ordnance to the Ordalt Committee.

9. The permanent members of the Ordalt Committee are:

DWE	..	..	..	Chairman
DNS	..	..	..	Representative
DAS	..	..	..	Representative
DTWP	..	..	..	Representative
DDG Type Desk	..	..	..	Representative
CINO	..	..	..	Representative (for expendable ordnance)

Other specialist officers may be co-opted as desired.

10. The Committee will meet at Navy Office, Canberra, as arranged by the Chairman.

11. Where any Committee member will not be attending a particular meeting he should notify the Chairman and nominate another Committee member to speak on his behalf as necessary.

12. Navy Order 430 of 1967 is hereby cancelled.

(DWE 1205/255/125)

(Navy Order 430 of 1967)

UNCLASSIFIED

### 483—RAN Lifesaving Committee

Navy Order 373 of 1968 is to be amended as follows:

#### Paragraph 3

*amend to read* as follows:

The Committee is under the chairmanship of the Co-ordinator of Naval Safety, and the following are represented:

Director of Navigation and Staff Duties  
 Director of Naval Aviation Policy  
 Director of Manning and Training  
 Medical Director-General  
 Director of Submarine Maintenance and Repair  
 Director of Naval Stores  
 Director of Victualling  
 Principal Naval Architect  
 General Manager, Garden Island Dockyard  
 OIC School of Safety Equipment and Survival, HMAS ALBATROSS  
 Director of Transportation, Department of the Army

(CONS 8/204/50)

(Navy Order 373 of 1968)

## Section 2

### PERSONNEL

UNCLASSIFIED

### 484—Anti-gas Respirators in Darwin—Returning Arrangements

1. Anti-gas respirators for personnel posted to the Darwin area are to be returned within the appropriate ship or establishment during draft-out procedure. Ships and establishments will thus hold over their normal allowances of AGRs, the excess of which should be returned to the Superintending Armament Supply Officer, Sydney, or the appropriate regional Armament Supply Officer.

2. Personnel posted from the Darwin area will redraw an anti-gas respirator on arrival in their new posting.

(HPB 710/51/231)

UNCLASSIFIED

### 485—Courses—Medical Officers Refresher Courses in Anaesthetics

1. Medical Officers in Charge of Royal Australian Naval Hospitals are to ensure that all medical officers serving therein are fully versed in giving anaesthetics by modern methods.

2. All medical officers should from time to time undergo a brief refresher course of instruction in the administration of anaesthetics, given by a specialist in anaesthetics. Such refresher course will provide opportunities for them to become acquainted with advances made in this subject. These courses are of about four weeks duration at the larger civil teaching hospitals in Melbourne and Sydney.

3. Applications are to be made through the usual channels to the Naval Board.

4. Medical officers for whom approval has been given to undergo the course are required to be registered with the Medical Board of the State in which the course is to be taken, before they can commence the course.

5. In Victoria, Board meetings are held on the first Thursday of each month at 224 Queen Street, Melbourne 3000, and in New South Wales arrangements for the necessary registration can be made by the medical officer concerned contacting the Secretary of the Medical Board of NSW at 52 Bridge Street, Sydney 2000, approximately one month before the commencement of the course.

6. A registration fee will be charged to medical officers who are not registered in any Australian State; otherwise no fee will be required.

7. The registration fee will be accepted by the Department as a charge to public funds and reimbursement will be made on production of the official receipt from the Board concerned.

8. Courses in Victoria for officers coming from outside that State will be arranged so that the commencement date of the course is close to the first Thursday of the month.

9. The attention of all medical officers is to be drawn to the contents of this order.

10. Navy Order 456 of 1965 is hereby cancelled.

(MDG 312/51/42)

(Navy Order 456 of 1965)

#### UNCLASSIFIED

##### 486—Gowrie Scholarships—1969 Award

1. The Naval Board has been advised that the following awards for the year 1969 will be made from the Gowrie Scholarship Trust Fund:

- a. Post-graduate Research Travelling Scholarships, for two years, of \$1,800 per annum (2 per annum).
- b. University or similar Scholarships for duration of course or \$150 per annum (8 per annum).
- c. Secondary School Scholarships, for one or two years, of \$80 per annum (10 per annum).

2. Applications must be submitted not later than 30 November, as follows:

- a. *For Post-graduate Scholarships*—to the Registrar of the University of graduation in Australia.
- b. *For other Scholarships*—to Secretary, The Gowrie Scholarship Trust Fund, Box E5, PO St James, NSW 2000.

3. The scholarships are available only to members of the Armed Forces who served in a combat area during the War of 1939-45, or to their descendants.

4. Forms of application and instructions are obtainable from the Secretary of the Trust, or through the University or School.

5. Navy Order 447 of 1967 is hereby cancelled.

(HPB 134/1/4)

(Navy Order 447 of 1967)

#### UNCLASSIFIED

##### 487—Indulgence or Reduced Fare Air Passages in Service Aircraft Flying Between UK and Australia

1. Some relatives of RAN personnel have planned visits to the UK hoping to be able to obtain an indulgence or reduced fare air passage in UK Ministry of Defence aircraft flying between the UK and Australia.

2. UK Ministry of Defence Instructions do not allow the carriage of families or relatives of RAN personnel in UK Service Aircraft or aircraft operated on behalf of the UK Forces. Personnel concerned should, therefore, be informed that their relatives must expect to pay a full commercial fare for the return journey to Australia.

(DMD 187/1/266)

#### UNCLASSIFIED

##### 488—Medical Treatment of Snake Bite

1. For many years conflicting recommendations have been made for the first-aid treatment of snake bite and the subject has been further complicated by contradictory reports from research laboratories on more elaborate methods of treatment.

2. Early in 1961 the British Red Cross Society asked the Royal Society of Tropical Medicine and Hygiene for advice on the first-aid treatment of snake bite in the United Kingdom and overseas. A committee was appointed by the Council to sift the available evidence and draw up simple and precise recommendations for the teaching of first-aid and for the guidance of doctors inexperienced in the treatment of snake bite.

3. The following recommendations are based on the report of the above-mentioned committee and other authorities:

##### First-aid by Untrained Persons for Snake Bite Anywhere in the World:

- a. Kill the snake and handle the dead snake only by the tail. Keep it.
- b. The commonest symptoms are fright and fear of death. Convincing reassurance is vital at all stages. Death from snake bite is rare.
- c. Keep the patient at rest and under close observation.
- d. Apply a lightly constricting ligature; use a handkerchief or piece of cloth to occlude veins and lymphatics draining the bitten area (but not the arteries). This must be released for 1 minute in every 30.
- e. Wash the bitten surface with plain water without rubbing.

- f. Immobilise the bitten part as for a fracture and if possible keep it in a dependent position.
- g. Administer analgesics (eg, aspirin) but not morphia.
- h. If breathing stops, maintain artificial respiration until medical help arrives (*see* Navy Order 514 of 1966, Appendix C).
- i. Call a doctor or transfer to hospital (with the dead snake, if available).

#### Medical Treatment of Snake Bite in Australia:

4. a. Initiate first-aid treatment as above, if this has not already been done.
- b. If less than half an hour has elapsed since the bite, a significant amount of venom may be removed by incision through the fang marks, or local excision of the bitten area, and vigorous suction. After half an hour, incision and suction are unlikely to be effective and the added trauma should be avoided.
- c. Inject the appropriate antivenene intravenously, according to the instructions contained in the Commonwealth Serum Laboratories Handbook of Instructions and the leaflet enclosed with the serum. The Commonwealth Serum Laboratories Handbook is included in all medical officers reference libraries, as is 'Dangerous Snakes of Australia' which will assist in identification of the offending snake. Notes on the identification of snakes are also to be found in the Commonwealth Serum Laboratories Leaflet, together with advice on selection of antivenene if the snake cannot be identified.
- d. Supplies of antivenene may be obtained from the Medical and Dental Store Officer, direct from the Commonwealth Serum Laboratories, from offices of the Commonwealth Health Department, or from local hospitals, according to the urgency of the requirement.

#### Medical Treatment of Snake Bite Overseas:

5. The above principles should be followed, but local authorities should be consulted, for instance, in identifying snakes, selecting antivenene, and obtaining supplies of antivenene. In the United Kingdom, antivenene will not be required, as there is only one venomous species of snake (*vipera berus*) whose bite is generally considered less dangerous than the use of antivenene.

6. Navy Order 379 of 1965 is hereby cancelled.

(MDG 327/54/49)

(Navy Order 379 of 1965)

UNCLASSIFIED

#### 489—Photographs

1. When members of the RAN are travelling overseas at government expense and are required to obtain unmounted photographs, eg, passport photographs, they may avail themselves of naval photographic facilities in most areas and hence the photographs are free of charge. Where a member is unable to make use of these facilities and has to pay the cost charged by commercial photographers these costs may be reimbursed.

2. RI Article 1734 will be amended accordingly.

(HPB 3935/2/46)

## Section 4

### EQUIPMENT, STORES AND SERVICING

UNCLASSIFIED

#### 490—Food—Precautions Against Food Poisoning

1. Prevention of food poisoning depends to a large extent on:
  - a. scrupulous personal hygiene by all concerned with food handling;
  - b. cleanliness of all galley equipment and implements; and
  - c. proper routines in storage, handling, preparation, cooking and serving of food to prevent the multiplication of germs.
2. Exposure of any food, especially meat and meat products, fish, eggs, milk and milk products, reconstituted ice-cream powder and artificial cream, including the many dishes of which they may be an ingredient, in the natural atmosphere of the galley, encourages contamination by harmful bacteria and provides ideal conditions for the bacteria to multiply.
3. To keep this risk at a minimum, the following precautions should be observed:
  - a. The particular foods referred to in Paragraph 2 and any other prepared foods which are not to be served and eaten, or cooked immediately should be stowed in the galley ready-use refrigerator until required.
  - b. Refrigerated foods should be cooked as soon as possible after thawing and lengthy periods of thawing should be avoided.
  - c. Hot food should be served freshly cooked or, on completion of the cooking process, it should be transferred direct into pre-heated hot cupboards if not required immediately for collection from the serving point.
  - d. Food which has been cooked and which is not intended to serve hot should be covered with greaseproof paper or other suitable material and placed in as cool a part of the galley as is available (or in a pantry or larder). As soon as it has cooled and in any case no longer than 1½ hours after completion of cooking, the food should be transferred to the galley ready-use refrigerator. Similar precautions should be taken in the case of left-overs of cooked food which it is intended to keep for a later meal.
  - e. All dishes of food of which the ingredients have previously been cooked and which it is intended to serve hot should be heated through rapidly and thoroughly in an oven or under a grill and then treated like freshly cooked food, ie, served immediately or transferred into a pre-heated hot cupboard. Merely to warm up food is insufficient since this can cause germs to multiply and transform a safe dish into a dangerous one. Food with a meat content should not be re-heated more than once.
  - f. Unless displayed in refrigerated counters, only the minimum quantities of cold dishes should be exposed for service, replenishments being drawn as required from the galley ready-use refrigerator. At the termination of the meal all cold dishes should be returned to and held in the refrigerator until required for serving again.
  - g. Foodstuffs should not be held in galley ready-use refrigerators for more than 48 hours. For longer periods, the ships main cold or cool rooms should be used as appropriate (*see* ABR 93, Appendix 16).

4. This order is to be brought to the notice of all officers and sailors responsible for the preparation, cooking and serving of food.

5. Navy Order 419 of 1965 is hereby cancelled.

(D of V 903/51/116)

(Navy Order 419 of 1965)

#### UNCLASSIFIED

#### 491—Group Classification Labels for Government Explosives—Introduction of New Design Label

1. Group classification labels for Government explosives have been redesigned to accord with agreed international standards and will be introduced on boxes of naval explosives as replacement becomes necessary.

2. The new label is printed in black on an orange background and depicts a bursting bomb followed by the words 'Australian Government Explosive/Navy' and the explosive group and classification.

(DAS 735/52/163)

#### UNCLASSIFIED

#### 492—Safety—Motor Transport—Carrying of Passengers in Load Carriers—Precautions

1. To protect passengers from the danger of falling off lorries, trucks and trailers not fitted with seats, the undermentioned notice should be affixed in the back of such vehicles, emphasising the need to sit below the height of the tailboard and sides of the vehicle:

**NOTICE**

**STANDING IS PROHIBITED** while vehicle is in motion. To avoid risk of falling out, passengers must sit below the top of the sides and tailboard.

2. ABR 5013, Motor Transport Instructions, will be amended accordingly.

3. Navy Order 361 of 1965 is hereby cancelled.

(DSAP 187/51/166)

(Navy Order 361 of 1965)

#### UNCLASSIFIED

#### 493—Stores General (Group Class 5820)—Radio and Television Equipment Except Airborne

1. Investigations have revealed that Item 5820-66-019-6375 Chair Pedestal, Radar and Sonar Operators, is a standard office type chair and the item identification has been revised as follows:

Group/Class	Catalogue Number	Description
7110	66-019-6375	Chair, Rotary

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 518/51/1294)

#### Section 5

#### BOOKS, CORRESPONDENCE, FORMS AND STATIONERY

#### UNCLASSIFIED

#### 494—Revised Supply System Forms SX 8, SX 10, SX 12, SX 14, SX 16, SX 18 and SX 22

1. The following supply system forms have been reprinted with minor amendments:

Form SX 8	Issue Order—Single with hectograph
Form SX 10	Issue Order—Multi with hectograph
Form SX 12	Stores Demand—Single with hectograph
Form SX 14	Stores Demand—Multi with hectograph
Form SX 16	Supply Requirement Note—Single with hectograph
Form SX 18	Supply Requirement Note—Multi with hectograph
Form SX 22	Local Issue Voucher

2. It will be necessary for Store Depots to maintain stocks of both the earlier (1967) version of Forms SX 22 and the later (1968) version and to match equivalent versions of hectograph masters with the appropriate version of Forms SX 22 when reproducing the latter.

3. To alleviate any difficulties in this regard, demanding authorities are to ensure that their entire stocks of the 1967 version of Forms SX 8, SX 10, SX 12, SX 14, SX 16 and SX 18 are exhausted before using the 1968 version of these forms to demand stores.

(DSAP 464/77/92)

Section 6

ESTABLISHMENTS

UNCLASSIFIED

495—Supply of Electric Current to Residences and Quarters

1. The provisions of Instruction 376 of ABR 5018—Navy Accounts Manual—are varied as follows:

(i) Instruction 376 (c)—first paragraph—substitute:

'With the exception of members of the Papua New Guinea Division of the Royal Australian Navy (who are not required to pay separate electricity charges) tenants of married quarters who are supplied with electricity from Service sources and who do not settle accounts direct with local supply undertakings are to be charged on the basis of the local authority domestic rate.

Lower charges for night water heating are to be applied where such concession would be available if the residence was metered to a supply authority main.

At HMAS TARANGAU (where the residences are not metered) the charge for electricity used by personnel occupying married quarters is to be calculated in accordance with a basis shown in the Territory of Papua and New Guinea Government Gazette for unmetered premises at Lorengau Manus District, ie, for an estimated 16 hours per day during which the generators may be said to operate to meet the usage of tenants and at the rate of 50 cents per month for each hour of daily operation.

Under this method the fortnightly rate chargeable at HMAS TARANGAU is \$3.69 calculated as under:

(16/1 x 50 c x 12/1 x 1/26)

The general rule for unmetered residences (other than those at HMAS TARANGAU) is that electricity consumption is to be charged at the domestic rate on the basis of average consumption in metered quarters in the area.'

(ii) Instruction 376 (c)—last sentence—delete.

(iii) Instruction 376 (d)—first sentence—After 'Recovery of amounts due' insert 'from tenants'.

(iv) Instruction 376 (d) (i)—add:

'For the purpose of recovery of amounts due through Naval pay accounts, the following form of authority for the deduction of electricity charges from pay and allowances is to be obtained from personnel:

The Supply Officer,

HMAS.....

AUTHORITY TO DEDUCT ELECTRICITY CHARGES FROM PAY AND ALLOWANCES

I hereby authorise request and direct you to deduct from the pay and allowances from time to time payable to me such amounts as the Naval Board determines to be payable by me for the consumption of electricity upon the premises referred to in the Acknowledgment of Tenancy signed by me on.....

..... Signature of Tenant

..... Date

2. Instruction 376 of ABR 5018 will be amended.

3. Navy Order 572 of 1966 is hereby cancelled.

(DNA 1461/1/46)

(Navy Order 572 of 1966)

THE STATE OF TEXAS, COUNTY OF DALLAS, TEXAS.

I, the undersigned, a Notary Public in and for the State of Texas, do hereby certify that the within and foregoing instrument is a true and correct copy of the original instrument filed for record in my office on this 1st day of January, 1917.

My commission expires on the 1st day of January, 1918.

Notary Public in and for the State of Texas.

Witness my hand and seal at Dallas, Texas, this 1st day of January, 1917.

A TRUE COPY OF THE ORIGINAL INSTRUMENT FILED FOR RECORD IN MY OFFICE ON THIS 1ST DAY OF JANUARY, 1917.

Notary Public in and for the State of Texas.

(Signature)

The above instrument is a true and correct copy of the original instrument filed for record in my office on this 1st day of January, 1917.

Notary Public in and for the State of Texas.

Witness my hand and seal at Dallas, Texas, this 1st day of January, 1917.

Notary Public in and for the State of Texas.

The above instrument is a true and correct copy of the original instrument filed for record in my office on this 1st day of January, 1917.

Notary Public in and for the State of Texas.



RESTRICTED

ANO's 496-503/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
12 September 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

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20859/68

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No	Title
<b>SECTION 1—ADMINISTRATIVE AND GENERAL</b>	
496	Commissioning.
497	Naval Social Work Service.
<b>SECTION 2—PERSONNEL</b>	
498	Educational Qualification for Promotion to Commissioned Rank.
499	Rothmans National Sport Foundation.
<b>SECTION 4—EQUIPMENT, STORES AND SERVICING</b>	
500	Guided Weapons—Seacat—Missile Guidance and Control Outfit MAA—Shaper Electronic Guidance Signals (1430-99-101-9885).
501	Naval Stores (General) (Class Group 0243)—Pyromet L2 Powder for Extinguishing Magnesium and Aircraft Wheel Fires—Introduction.
502	Stores (General)—ABR 5074—RAN Catalogue of Stores—Group/Classes 0211, 0212, 0213, 0214, 0216, 0257, 0266—Change of Accounting Classification.
503	100 foot Patrol Boats—Inspection of Ordnance.

## Section 1

### ADMINISTRATIVE AND GENERAL

#### UNCLASSIFIED

#### 496—Commissioning

The following commissionings have been effected:

HMAS ARCHER	..	..	..	..	15 May 1968
HMAS AWARE	..	..	..	..	21 June 1968
HMAS ARROW	..	..	..	..	3 July 1968
HMAS ASSAIL	..	..	..	..	12 July 1968
HMAS ADROIT	..	..	..	..	1 August 1968

(AS/NS 1211/251/200)

#### UNCLASSIFIED

#### 497—Naval Social Work Service

1. Navy Order 531 of 1966 is to be amended as follows:

Location of Naval Social Workers—Paragraph 14:

*delete and insert* the following:

Principal Social Worker,  
Navy Office,  
CANBERRA,  
ACT 2600. : 65 3350

Base Welfare Office,  
3rd Floor, Wembley Chambers,  
104 Hunter Street,  
SYDNEY,  
NSW 2000. : 221 1677

HMAS ALBATROSS,  
NOWRA,  
ACT 2540. : Nowra 2 0381 ext 267

Naval Staff Office,  
Edward Street,  
BRISBANE,  
QUEENSLAND 4000. : 311 611

'N' Block,  
Victoria Barracks,  
St Kilda Road,  
MELBOURNE,  
VICTORIA 3004. : 69 0440 ext 202/425

Naval Staff Office,  
Police Building,  
Franklin Wharf,  
HOBART,  
TASMANIA 7000 : 2 7054

HMAS ENCOUNTER,  
PORT ADELAIDE,  
SA 5015. : 49 6123

HMAS LEEUWIN,  
FREMANTLE,  
WA 6160. : 39 1522

2. This order will be reprinted for posting on Notice Boards.

(DPS 302/1/23)

(Navy Order 531 of 1966)

## Section 2

### PERSONNEL

UNCLASSIFIED

#### 498—Educational Qualifications for Promotion to Commissioned Rank

Navy Order 535 of 1967 is to be amended as follows:

##### Paragraph 3—Insert:

<i>Categories</i>	<i>Compulsory Subjects</i>
Naval Dockyard Police .. .. .	English

(DNES 325/1/47)

(Navy Order 535 of 1967)

UNCLASSIFIED

#### 499—Rothmans National Sport Foundation

1. Rothmans National Sport Foundation has been formed with the following objects:

- a. to develop and encourage public participation in all forms of amateur sport;
- b. to raise the standards of skill in amateur sports by providing expert training and knowledge in such sports;
- c. to foster and encourage in the general public a deeper interest in and appreciation of amateur sport;
- d. to initiate and support research activities in relation to amateur sports; and
- e. to foster the exchange of information and personnel with other countries.

2. In general the foundation will provide specialised expert sporting instruction on the request from an association or club and these facilities are available to ships and establishments of the Royal Australian Navy.

3. Coaches and instructors will demonstrate, lecture and participate in sports. They may comment on the general standard of the particular sport in the area, and make suggestions and recommendations.

4. The Foundation will meet all costs associated with training programmes including the services of experts and their travelling and accommodation costs.

5. Almost every amateur sport is covered, and the Foundation will welcome suggestions and inquiries about any sport.

6. Application for assistance which may take the form of specialised expert instruction, the making and provision of training films and other training aids may be made by Commanding Officers through administrative authorities to the administrative offices of the Foundation at the following addresses:

The Secretary Rothmans National Sport Foundation,  
Sydney: Box 2690, GPO, NSW 2001.  
Melbourne: Box 4575, GPO, VIC 3001.  
Brisbane: Box 31, PO, CORINDA 4075.  
Adelaide: Box 643F, GPO, SA 5001.  
Perth: Box 29, PO, RIVERVALE 6103.  
Hobart: 215 Liverpool Street, TAS 7000.

7. Navy Order 233 of 1965 is hereby cancelled.

(DPS 138/6/65)

(Navy Order 233 of 1965)

## Section 4

### EQUIPMENT, STORES AND SERVICING

RESTRICTED

#### 500—Guided Weapons—Seacat—Missile Guidance and Control Outfit MAA—Shaper Electronic Guidance Signals (1430-99-101-9885)

1. A modification (MOA Ref No N542A/2) to the above unit (the re-engineered Shaper) calls for 5 screened and 21 other cables to be routed in a special way to avoid the possibility of instability in the amplifiers of the unit. This modification has been embodied as strike 1 by the manufacturer.

2. A list of the cables concerned and their termination is given hereunder:

<i>Screened Cables</i>			<i>Other Cables</i>		
<i>Cable No</i>	<i>From</i>	<i>To</i>	<i>Cable No</i>	<i>From</i>	<i>To</i>
311	PLA/54	RLE/5	50	TS4/2	RLG/12
312	PLA/56	RLE/2	53	TS4/6	RLG/3
316	RLE/3	SBab7	74	TS7/18	SBaal2
317	RLE/5	SAa16	75	TS7/19	RLG/3
318	RLE/6	SBaa3	102	TS9/2	SBab4
			103	TS9/3	RLG/12
			158	TS13/5	TS23/10
			162	TS13/9	SAa6
			168	TS13/19	SAa7
			185	TS16/16	RLE/10
			212	TS19/5	RLE/7
			306	PLA/45	RLE/11
			307	PLA/46	RLE/8
			319	RLE/7	SBcb4
			320	RLE/9	SBcb7
			321	RLE/10	SBca12
			322	RLE/12	SBca3
			341	SAa10	SBcb4
			342	SAa10	SKT.B/C
			345	SAa13	SBca12
			346	SAa13	SKT.B/D

The above two groups of cables are, where practicable, routed apart to avoid mutual coupling.

3. Where it is necessary, in the course of servicing, to dislodge any of these cables it is essential to restore them as closely as possible to their original positions. No attempt should be made to change the run of any cables even though they may seem to be longer than necessary.

4. In addition to the above, if cables 140, 153, 245 or 326 are moved, interference on the outputs from the unit may be caused by pick-up from the multivibrator which operates relay RLH.

5. Similarly, interference from the electro-magnetic circuit of the Ledex switch may be produced if cable 693 is disturbed. To reduce the chance of this happening, a minor modification (MOA Ref No N542A/3 and Mod Strike 2 to the Shaper) to move cable 693 from wafer 'g' of the Ledex switch to wafer 'a' is in course of preparation. The degree of interference may be assessed with a fast response pen recorder and any interference signal having an amplitude greater than  $\frac{1}{4}$  degree (10 volts = 12 degrees) can be removed by suitable routing of these cables. All units leaving the manufacturer are satisfactory in this respect.

6. Navy Order 526 of 1965 is hereby cancelled.

(DWE 740/252/567)

(Navy Order 526 of 1965)

## UNCLASSIFIED

### 501—Naval Stores (General) (Class Group 0243)—Pyromet L2 Powder for Extinguishing Magnesium and Aircraft Wheel Fires—Introduction

1. Following reports on the difficulty of extinguishing aircraft fires involving burning magnesium or similar metallic alloys, successful trials have been carried out on a powder extinguishant known as 'Pyromet L2' designed to extinguish such fires. This powder will be introduced into service as follows:

#### NATO

#### Supply

Classn	Pattern	Description	Denom	Classn
4210	0243/243060	Dry Chemical, Fire Extinguishing Pyromet L2 (in 28 lb bags)	Bag	Consumable

2. Pyromet L2 powder should be substituted for foam compatible dry chemical powder, Pattern 0243/2537, in the following dry chemical extinguisher, Pattern 0243/137220/L1 already held by ships and establishments:

- a. NAS Nowra:
  - Two in each early rescue vehicle and crash tender.
- b. HMA ships:
  - (1) Four on flight deck of aircraft carriers.
  - (2) On other ships operating helicopters, two to be stowed near the helicopter landing position.

3. Spare charges are to be held as follows for each Pattern 0243/137220/L1 extinguisher filled with Pyromet L2 powder:

- a. NAS Nowra .. .. . one
- b. HMA ships:
  - (1) Aircraft carriers .. .. . two
  - (2) Other ships operating helicopters .. .. . one

4. Where dockyard fire brigades or establishment fire parties attend helicopter operations, two portable dry chemical extinguishers, Pattern 0243/137220/L1, filled with Pyromet L2 powder are to be readily available. One spare charge is to be held for each extinguisher so filled.

5. Ships and establishments concerned are to forward demands for the necessary quantities of Pyromet L2 powder, Pattern 0243/240360, and additional portable dry chemical extinguishers, Pattern 0243/137220/L1, required to SNSO, Sydney, and supply will be made when stocks become available.

6. In order to distinguish the portable dry chemical extinguishers filled with Pyromet L2 powder from other similar extinguishers filled with foam compatible powder, a suitable pressure adhesive label bearing the words 'MAGNESIUM AND AIRCRAFT WHEEL FIRES' in black letters on a yellow background will be introduced as follows:

#### NATO

#### Supply

Classn	Pattern	Description	Denom	Classn
4210	0243/243061	Label 'MAGNESIUM AND AIRCRAFT WHEEL FIRES' (black on yellow ground)	No	Consumable

7. On initial supply of labels for extinguishers to be filled with Pyromet L2 powder plus 200 per cent, spares should be demanded from SNSO, Sydney. The label should be affixed around extinguishers so filled as near to the shoulder as possible. The label should be removed when extinguishers are returned to store or cease to be filled with Pyromet L2 powder.

8. It should be noted that Pyromet L2, which is black in colour, and therefore easily distinguished from standard and compatible dry powder, is being introduced specifically to extinguish residual fires involving burning magnesium alloy in aircraft wheels and helicopter fuselages. The powder is non-toxic and is effective on burning fuel, but in view of its extra cost extinguishers filled with Pyromet L2 powder should be reserved for fires involving magnesium or other metallic alloys. Pyromet L2 powder is not to be used for training purposes.

9. Pyromet L2 has a higher density than standard and compatible dry powder. The correct charge for a portable dry chemical extinguisher, Pattern 0243/137220/L1, is 25 lb. Although not strongly hygroscopic it should be stored in a dry place and exposed to the atmosphere as little as possible.

10. Navy Order 477 of 1965 is hereby cancelled.

(ACAE 505/87/515)

(Navy Order 477 of 1965)

## UNCLASSIFIED

### 502—Stores (General)—ABR 5074—RAN Catalogue of Stores—Group Classes 0211, 0212, 0213, 0214, 0216, 0257, 0266—Change of Accounting Classification

1. As a result of action taken in respect of Paragraph 5 of Navy Order 279 of 1967, the Accounting Classification, as shown in ABR 5074, for all items in the Group/Classes listed in the heading of this order, is to be changed from 'C' (Consumable) to read 'N' (Consumable non-accountable).

**RESTRICTED**

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2 Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual), Article 1812.

3. Change Sheets, detailing change action to be effected in the respective sections of ABR 5074, are in course of distribution.

(DSAP 465/52/1292)

(*Navy Order 279 of 1967*)

**RESTRICTED**

**503—100 foot Patrol Boats—Inspection of Ordnance**

Navy Order 73 of 1968 is to be amended as follows:

**Paragraph 2—Line 4**

*Delete* 'from two to three days' and *insert* 'about four days.'

(DNQA 18/206/510)

(*Navy Order 73 of 1968*)

*Registrar.*

**RESTRICTED**

**ANO 504/68**



# AUSTRALIAN NAVY ORDER

Navy Office, Canberra,  
19 September 1968.

The enclosed order is promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*Mandau.*

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers in  
Charge of HMA Naval Establishments, and others  
concerned.*

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## Section 4

## EQUIPMENT, STORES AND SERVICING

## RESTRICTED

## 504—Ballistics—List of Range Tables and Trajectory Charts

(DCI (RN) 30/1967)

1. The information given in this order is for the Australia and New Zealand Stations. Current tables of guns not included in this order will be found in DCI (RN) 30/1967.

## 2. Contents of this order:

*Section I* .. Establishments authorised for range tables and rocket trajectory charts.

*Section II* .. List of current range tables and trajectory charts.

*Section III* .. List of range tables held in reserve for special services.

*Annex* .. List in numerical order of range tables and rocket trajectory charts issued to the Fleet, with details of amendments, additional and revised pages.

3. Some of the tables included in the current list have been superseded, but are retained on account of the fire control or gun sights graduated to them.

4. The Annex lists all current amending DCIs and Australian Amendments issued, together with details of additional and revised pages which will bring the tables up to date. All 'P' series changes and amendments up to and including December 1962, are included in this order. Reprints of the tables incorporate amendments to date and may have different page numbers from the original issue. Amendments and new or amended pages for range tables are now issued in the DCI 'P' series which are notified monthly in ANOs under the separate issue of 'Books distributed during month and year'. Any ship not receiving the change or amendment within four weeks of the date of receipt of the notifying Navy Order, is to place a demand with the Superintending Naval Victualling Officer, Sydney, unless cause is known for the delay, such as non-receipt of mails, ships absence from distributing authority, etc.

5. On receipt of this order, all range tables are to be mustered against the Annex and Sections I and II, deficiencies being reported immediately and replacements demanded from the Superintending Naval Victualling Officer, Sydney.

6. Ships should only hold and use Range Tables applicable to their Fire Control Systems. Tables held surplus to the establishment shown in Section I should be returned to the Superintending Naval Victualling Officer, Sydney.

7. For information and record only, a supplementary list is given in Section III of range tables required for guns held in reserve for special services. This list includes some tables which appear also in the main list, but no general issue of special services tables as such will be made.

## 8. Tables removed since the issue of Navy Order 290 of 1965 are as follows:

632	399A
633	400
634	401
635	581
607	176A
254	169A
547	355A
OB104	364A
405A	312
OC70	423
215A	361
588	429
	216

## 9. Navy Order 290 of 1965 is hereby cancelled.

## SECTION I

## Establishments Authorised for Range Tables and Trajectory Charts

## 1. A complete set of range tables consists of:

- A The range tables to which fire control instruments or gun sights are graduated.
- B The range and elevation scale to which fire control instruments or gun sights are graduated.
- C The range and time scale (for guns larger than 4 in, and for certain calibres and marks of gun of 4 in calibre and below).
- D Starshell range table, only if starshell is available.
- E Anti-aircraft range table, for AA and dual purpose guns only.
- F Trajectory charts, for 2 in rockets.
- G Second order tables (if issued) instead of R & E and R & T tables.

## Normal Establishments

## 2. The normal establishment of range tables is as follows:

Flag Officers .. .. .	One complete set for all guns.
Dockyards .. .. .	One complete set for all guns.
Weapons Operation Division, HMAS CERBERUS	One complete set for all guns.
Ordnance Engineer Overseers ..	On demand from Superintending Naval and Air Store Officer, Sydney.
Carriers, Daring Class, Battle Class and Type 12 Frigates	One complete set for all gun systems fitted.
Coastal Mine Sweepers, Tribal Class, Frigates (other than Type 12), Replenishment and Repair Ships	For all guns and rockets carried: Range tables to which AA and SU fire control gear is graduated ( <i>see Note</i> ). Starshell range tables. Rocket and falling target shell trajectory charts. (R & E and R & T scales will not be supplied to these ships.)

Note—Certain guns, without AA fire control, are supplied with:

40/60 (on single mountings) .. .. .	RT 532
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**SECTION II**  
Current Range Tables and Trajectory Charts—continued

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Gun	Serial No of Table	Nature of Table	Projectile Weight	Charge	MV	Agrees with Table No	Allied Fire Control System	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
2-in Rocket Flare	*373B	AART	35 0	Full	2600	—	FKC Marks 2*, 2**, 3*, 3*S STD SEDC Mark 3* GFCS Mark 63 Mod 20	Fuzes Nos 206, 207, 211, N3, N80 and N90 Series
	*653	SURT	35 0	Full	2600	—		
	*656	AART	35 0	Full	2600	—	CRBF Mark 7 Mod 3	Standard Shell HE (35 lb) Mark N2, Fuse No 211
	*687	SURT	31 0	Full	2800/2400	653/656		
	*680	SURT	31 0	Full	2600	—	MRS 8 .. ..	For 31 lb shell only
	688	SURT	31 0	Full	2800/2400	680, 681		
	*681	AART	31 0	Full	2600	—		
	587	Star RT	29 3	Star	2100	—	—	Fuse No 207
	DNO 10	TC	—	—	—	—	—	Head No 3, with Launcher Mark 5 (spiral rails). All ships fitted
	DNO 4	TC	—	—	—	—	—	Frigates and above fitted with launchers or projectors
2-in Rocket Target 40/60	*532	AART	2 0	Full	2800	—	STD CRBF Marks 2m, Mod 1	—
All Marks	652	AART	2 0	Full	2740	—	MRS 8 .. ..	—
	685	SURT	2 0	Full	2940/2540	652		—

\* See Annex (new pages and amendments).

**SECTION III**  
Range Tables Held in Reserve for Special Services  
(No general issue of these tables will be made)

Gun	Serial No of Table	Nature of Table	Projectile Weight	Charge	MV	Agrees with Table No	Current Amending AFOs	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
4 in Marks 16* and 21	*369	SURT	lb oz 35 14	Full	ft/s 2600	—	P192/57, P515/58, P145/59, P738/59, P277/60 Aust Am, Nos 1, 2, 3 P83/62, P123/61, P498/62 P195/57, P517/58, P144/59, P740/59, P278/60, P178/61, P84/62, P499/62	—
	*373B	AART	35 0	Full	2600	—		—
	587	Star RT	29 3	Star	2100	—		—
4 in Mark 23 40/60	627	SURT	35 13	Full	1750	—	P230/64	—
	628	Star RT	29 10	Star	1950	—	—	—
All Marks	*532	AART	2 0	Full	2800	—	P375/60, P480/60, P124/61, P500/62	—
	652	AART	2 0	Full	2740	—	P376/60, P422/60, 501/62	—
	685	SURT	2 0	Full	2940/2540	652	P552/58	—

\* See Annex (new pages and amendments).

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## ANNEX

List in Numerical Order of Range Tables and Trajectory Charts BR 2050 Series with  
Details of Amendments

## Range Tables

Serial No	Calibre and Mark of Gun	Current Amending AFOs	Additional and Revised Pages
369	4 in Mark 16* and 21 ..	P192/57 ..	—
		P515/58 ..	—
		P145/59 ..	—
		P738/59 ..	2 and 3 (Revised Sept, 1959)
		P277/60 ..	—
		Aust Am No 1..	—
		Aust Am No 2..	—
		Aust Am No 3..	—
		P123/61 ..	—
		P83/62 ..	5 and 6 (Revised Jan, 1962)
		P498/62 ..	—
		P235/63 ..	10 and 11 (Revised Apr, 1963)
		P223/64 ..	—
		P193/57 ..	—
370 371 373B	4 in Mark 16* and 21 ..	—	—
		—	—
		—	—
402C	4.5 in Marks 3, 4 and 5	P195/57 ..	—
		P517/58 ..	—
		P144/59 ..	—
		P740/59 ..	2 and 3 (Revised Sept, 1959)
		P278/60 ..	—
		P178/61 ..	8 and 9 (Revised Dec, 1960)
		P84/62 ..	5 and 6 (Revised Jan, 1962)
		P499/62 ..	—
		P236/63 ..	10 and 11 (Revised Apr, 1963)
		P224/64 ..	—
		P322/57 ..	—
		P283/58 ..	—
		P466/59 ..	—
		Aust Am No 1..	—
P281/60 ..	—		
P180/61 ..	1, 2, 3, 11 and 12 (Revised Dec, 1960)		
532	40/60 All Marks ..	P406/62 ..	—
		P176/63 ..	14 and 15 (Revised April, 1963)
		P238/63 ..	14 and 15 (Revised April, 1963)
		P57/64 P226/64	8 (Revised March, 1964)
		P324/65 P220/66	2, 3, 11, 12 and 13 (Revised Jan, 1966)
		P375/60 ..	5 (Revised Aug, 1960)
		P480/60 ..	—
581	4.5 in Marks 3, 4 and 5..	P124/61 ..	—
		P500/62 ..	—
		P522/57 ..	—
		P285/58 ..	—
		P551/58 ..	—
		P467/59 ..	—
P282/60 ..	—		

ANNEX—continued  
Range Tables—continued

Serial No	Calibre and Mark of Gun	Current Amending AFOs	Additional and Revised Pages
581	4.5 in Marks 3, 4 and 5— <i>continued</i>	P197/61 ..	2 and 3 (Revised May, 1961)
		P443/62 ..	7 and 8 (Revised July, 1962)
		P18/63 ..	—
		P239/63 ..	10 and 11 (Revised Apr, 1963)
		P58/64 ..	5 (Revised Mar, 1964)
587 627 628 630 641	4 in Marks 16* and 21.. 4 in Mark 23 .. 4 in Mark 23 .. 4.5 in Marks 3, 4 and 5 4.5 in Marks 3, 4 and 5	P229/64 ..	—
		—	—
		—	—
		—	—
		P375/61 ..	Change No 1
		Aust Am No 1..	—
		Aust Am No 2..	—
		P468/59 ..	—
		P735/59 ..	2 and 3 (Revised Sept, 1959)
		P283/60 ..	—
644	4.5 in Marks 3, 4 and 5	Aust Am No 3..	2 and 3 (Revised May, 1960)
		P198/61 ..	—
		P444/62 ..	7 and 8 (Revised July, 1962)
		P19/63 ..	—
		P225/63 ..	10 and 11 (Revised April, 1963)
		P59/64 ..	5 (Revised Mar, 1964)
		P232/64 ..	—
		P325/65 P222/66	2, 3, 7, 8 and 9 (Revised Jan, 1966)
		P469/59 ..	—
		P736/59 ..	2 and 3 (Revised Sept, 1959)
		P284/60 ..	—
		P199/61 ..	2, 3, 7 and 8 (Revised May, 1961)
		P101/62 ..	Change No 1
P407/62 ..	Change No 2		
652	40/60 All Marks ..	P20/63 ..	—
		P226/63 ..	10 and 11 (Revised Apr, 1963)
		P60/64 ..	5 (Revised Mar, 1964)
		P223/64 P326/65	—
		P223/66 ..	2, 3, 7, 8 and 9 (Revised Jan, 1966)
		P376/60 ..	—
		P442/60 ..	—
		P501/62 ..	Change No 1
		P741/59 ..	2 and 3 (Revised Sept, 1959)
		653	4 in Marks 16* and 21 ..
Aust Am No 1..	—		
Aust Am No 2..	—		
Aust Am No 3..	—		
P126/61 ..	—		
P78/62 ..	Change No 1		
P502/62 ..	Change No 2		
P243/63 ..	10 and 11 (Revised Apr, 1963)		
P236/64 ..	—		

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ANNEX—continued  
Range Tables—continued

<i>Serial No</i>	<i>Calibre and Mark of Gun</i>	<i>Current Amending AFOs</i>	<i>Additional and Revised Pages</i>
656	4 in Marks 16* and 21 ..	Aust Am No 1.. P742/59 .. P286/60 .. P244/63 .. P237/64 .. P200/61 .. P271/61 .. P85/62 .. P503/62 P224/63 237/64	2 and 3 (Revised Sept, 1959) — — 10 and 11 (Revised Apr, 1963) — 7 and 8 (Revised May, 1961) New page 12 (Date May, 1961) 5 and 6 (Revised Jan, 1962) 10 and 11 (Revised Apr, 1963)
680	4 in Marks 16* and 21..	P76/62 .. P504/62 .. P229/63 .. P238/64 ..	— — 10 and 11 (Revised Apr, 1963) —
681	4 in Marks 16* and 21..	P548/60 .. P142/61 .. P77/62 .. P408/62 .. P505/62 .. P230/63 ..	— — Change No 1 Change No 2 Change No 2 10 and 11 (Revised Apr, 1963)
685	40/60 All Marks ..	P552/58 ..	—
686	4.5 in Marks 3, 4 and 5	P470/59 .. P127/61 ..	— —
687	4 in Marks 16* and 21..	P361/60 ..	6 and 7 (Revised Apr, 1960)
688	4 in Marks 16* and 21..	P549/60 ..	—

Trajectory Charts  
DNO, OB and OC Series

<i>Serial No</i>	<i>Calibre</i>	<i>Mark of Gun</i>	<i>Serial No</i>	<i>Calibre</i>	<i>Mark of Gun</i>
DNO 4	2 in	Rocket Target ..	OC 70	4.7 in	9 and 12
DNO 10	2 in	Rocket Flare ..	OB 104	4.7 in	9 and 12

Demand in the style BR 2050 (DNO 4).

Other Trajectory Charts, when required, are now incorporated at the back of the relevant Range Tables and are not issued separately.

(DWE 700/255/80)

(Navy Order 290 of 1965)

By Authority: A. J. ARTHUR, Commonwealth Government Printer, Canberra

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ANO's 505-519/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
19 September 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY

21196/68

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## Section 1

### ADMINISTRATIVE AND GENERAL

#### UNCLASSIFIED

##### 505—Discrepancies Ex-consignment by Rail

1. When use is made of rail freight facilities and non-delivery, damage, etc, occurs, claims must be lodged with the relevant Commissioner within the time period stated in the relevant State authoritys general conditions of carriage. The period involved may vary from State to State and should be ascertained by all authorities concerned. Consignees should promptly report to the consignor in the event of any deficiencies or damage occurring.

2. If a claim for loss or damage is not lodged within the specified period legal action can be taken by the Commonwealth in some if not all States provided a writ is issued within one year of the date the goods were tendered for conveyance. It is important therefore that any loss, etc, should be reported to Navy Office as early as possible, including details of the circumstances and action taken, so that the question of any further legal action which might be required may be examined.

3. In a recent case reviewed at Navy Office effective recovery action was precluded by:

- a. Failure to claim within the prescribed period; and
- b. loss of the relevant consignment note.

(DSAP 512/87/213)

##### 506—Will Not Be Issued

#### UNCLASSIFIED

##### 507—Instructions Governing the use of Official Motor Transport

The policy governing the use of official motor transport has been reviewed and revised instructions are set out in the Annex to this Order in the form of an Amendment to ABR 5013—Motor Transport Instructions. Reprinted pages to the ABR will be issued in due course.

#### ANNEX

##### Amendments to ABR 5013, Motor Transport Instructions

#### Chapter 1

1. Delete existing Article 1 and insert the following in lieu:

##### 1. General

1. Administrative Authorities and Commanding Officers of HMA ships and establishments are authorised to approve the use of official transport in accordance with these instructions and they may give such delegations as they consider necessary to enable the activities for which they are responsible to be carried out efficiently and to simplify administration.

2. Officers authorised to approve the use of official transport are to use their delegation with discretion, ensuring that transport is used economically.

3. The utmost economy consistent with the requirements of the Service is to be practised in the use of official motor transport. Public transport should always be used when this can be done without a significant loss of efficiency.

4. Official vehicles are available for use where the nature of the occasion demands that the Commonwealth should provide its own transport or where in the interests of economy and efficiency it is desirable that a Commonwealth vehicle be used. Official transport must only be used for official purposes. Such purposes may include the delivery of urgent messages, the carrying of personnel and equipment to job locales, the transport of officers to official conferences or where senior officers are required to attend functions or meetings because of their official positions or in the course of their official duties. There are, however, general rules and instructions which should be observed and these are set out below for the guidance of the responsible officers.

2. *Delete* existing Article 2 and *insert* the following in lieu:

### 2. Use of Official Transport

1. Conveyance of Personnel to or from Places of Residence. The use of official transport for conveyance of personnel to or from their place of residence is not normally permitted except in the case of the Chief of the Naval Staff and the Flag or Naval Officers-in-Charge in the States. Other exceptions may be made in the following circumstances:

- a. Naval personnel required to live in when their place of duty is elsewhere;
- b. where approval has been given for a vehicle to be garaged at an officers residence;
- c. where special circumstances justify the provision of official transport for female staff ceasing duty in hours of darkness;
- d. where public transport is not reasonably available to personnel required to work beyond the normal hours of duty;
- e. for transport to or from point of departure when an officer is required to undertake a lengthy journey outside normal business hours or is required to travel in uniform; and
- f. in circumstances other than the above, where approval is given by the Naval Board.

### Use of Official Transport in Meal Breaks

2. Where a person in charge of a vehicle is required to be away from his normal location at the time of a normal meal break, he may be permitted to proceed to the nearest point (including his residence) at which a meal may be obtained.

### Lengthy Journeys

3. Official transport should not be used for lengthy journeys when it is more economical, having regard to time taken and the cost, to travel by air or other means. In some cases, travel by motor vehicle may be unavoidable due to the necessity to call at places not serviced by other forms of transport. Lengthy journeys must be approved by an authorised officer.

### Transport To or From Airports

4. Personnel travelling by air on official business are to use airlines buses for transport to and from airports except where it is in the interests of Departmental or Service efficiency or economy to use an official vehicle. Official transport to or from an airport may be provided if the extent or nature of baggage carried warrants such action.

### Carriage of Unauthorised Passengers

5. Unauthorised passengers shall not be carried in official vehicles. Members of the public may be carried in official vehicles only where it is justified in the interests of Departmental or Commonwealth business, or in cases of emergency.

6. The following broadly represents the classes of persons who may be authorised to use official transport:

- a. members of the RAN and civilian employees of the Department of the Navy in the course of their official duties;
- b. members of the AMF and RAAF, and members of the Forces of other countries on duty, when attached to or operating with the RAN;
- c. employees of other Government departments and local instrumentalities on official duty connected with the RAN;
- d. persons performing a service for and at the request of the RAN (eg visiting lecturers);
- e. distinguished visitors to whom, as a matter of courtesy, it is desired to extend transport facilities;
- f. civilian contractors, their representatives and employees if necessary to enable them to discharge the terms of their contract with the Commonwealth; an indemnity by the contractor and the passenger is required in such cases;
- g. persons entitled to use official transport under other articles of these instructions (eg for recreational purposes and at isolated establishments); and
- h. the wife of a senior officer, or of his representative, when the officer is required in his official capacity to attend a function accompanied by his wife.

3. *Delete* existing Article 3 and *insert* the following in lieu:

### 3. Garaging of Vehicles

1. Except as otherwise provided in these instructions, official vehicles must be garaged at official premises and approvals for the garaging at private residences should not be given unless it can be shown clearly that improved operational efficiency or marked economies for the Department will result.

2. In assessing such economies, time which would normally be taken by an officer or employee in travelling between his residence and his place of work must not be taken into consideration.

3. Any requests for official vehicles to be permanently garaged at officers or employees private residences must be submitted through Administrative Authorities to the Naval Board. Administrative Authorities should not recommend that approval be given unless the criteria set out in these instructions can be met.

4. Administrative Authorities are authorised to approve temporary garaging of official vehicles at private residences.

5. Where, outside normal hours, an officer is required to use a vehicle either in the course of his duties or for frequent emergency duty, approval may be given to garage a vehicle at that officers residence.

4. Delete existing Article 9 and insert the following in lieu:

**9. Requisitioning of Transport from Governmental Central Transport Authorities**

1. If Service transport is not available for a casual requirement, a vehicle with driver may be requisitioned from the Central Governmental Transport Authority (Department of Supply or Interior as appropriate). Requisitions on the Central Transport Authority must be made in accordance with the normal requirements of that authority.

2. Administrative authorities are to ensure that authority to requisition transport from the Central Transport Authority is vested in properly authorised officers and where possible, this function should be centralised.

3. Vehicles without a driver must not be requisitioned permanently from the Central Transport Authority without Naval Board approval.

(CEO (GS) 465/1/1217)

UNCLASSIFIED

**508—NBCD—Changes in Officers Responsibilities**

1. Following the amalgamation of the technical specialisations it has been decided that changes must also be made in the responsibilities for NBCD in ships to conform with this organisation. There is also a necessity to place greater emphasis on protection from the hazards of radiation in peacetime due to the increased use of radioactive material in many forms.

2. The main changes in the responsibilities of officers towards NBCD can be summarised as follows:

- a. The Marine Engineer Officer is to assume responsibility for all material preparations and countermeasures required within the ship for defence against the effects of damage or contamination resulting from N, B or C weapons, conventional damage or fire; and

- b. responsibility for advising the Command on defensive measures within the ship against NBCD hazards to personnel is to be vested in an officer designated the Radiological Protection Officer.

These changes in no way alter the present responsibility of the Executive Officer for the overall organisation of the ship, indeed the changes require that the NBCD organisation be integrated with the ships organisation and not separate from it.

3. Responsibility for advising the Command on tactics to avoid these hazards remains, as at present, with those branch or category officers who form the 'Command Team'.

4. The detailed responsibilities of officers under this new organisation, with instructions for its implementation in ships, are given in subsequent paragraphs.

5. As considerable revision of BR 2170 (Ship NBCD Manual, Vol I) is being made, it is not intended to issue amendments to the present edition. A notation 'See Navy Order 508 of 1968' is to be made against the present Chapter 19 of BR 2170. Amendments to RI and other publications affected will be issued in due course.

**Responsibilities of Officers**

6. The Executive Officer is responsible for co-ordinating the activities of all departments. He is to superintend the preparation of the Watch and Station Bill by branch and departmental officers, and is responsible under the Captain for overall organisation and training (see RI Article 2981). He is responsible for the organisation and provision of personnel from all departments to meet NBCD requirements, and for arranging training to exercise the ships NBCD organisation, including personnel of all branches.

7. The Marine Engineer Officer is responsible for:

- a. The organisation and efficiency of all arrangements for collective protection against damage, fire or NBCD hazards, including:
  - (1) maintenance of all doors, hatches, and other water-tight and gas-tight fittings, in accordance with the normal maintenance practice, including AFUs and air conditioning plant;
  - (2) the ventilation organisation of the ship. (See also RI Article 2982);
  - (3) the correct marking of bulkheads, openings and ventilation systems. The actual maintenance of markings remains the responsibility of the custodian of the compartment; and
  - (4) the distribution of NBCD equipment throughout the ship, except equipment supplied for NBC monitoring and decontamination. The distribution of firefighting equipment in spaces for which the Air Department is responsible remains the responsibility of that department;
- b. maintenance of power and, in conjunction with the Electrical Department, all electrical power;
- c. ship firefighting—ensuring that the correct methods are taught to all personnel, and maintenance of all equipment;
- d. pumping and flooding to maintain stability;
- e. the administration and organisation of Engineering Branch personnel concerned with NBCD being co-ordinated with the ship NBCD organisation;

- f. the training of the Engineering Department including that necessary for personnel protection and for its NBCD duties;
- g. measures to avoid contamination of fresh water supplies;
- h. the technical instruction of all Shipwright Artificers and the training of all personnel in the NBCD Team in care and maintenance of openings, leak stoppage and shoring; and
- i. in addition, in ships in which the amalgamation of the Engineering and Electrical Branches have been implemented for:
  - (1) electrical training of all NBCD personnel;
  - (2) the maintenance and distribution of electrical power in all states of readiness; and
  - (3) the maintenance of all electrical NBCD communications and equipment, except the maintenance and calibration of radiac instruments.

8. The Weapons and Radio Engineering Officer is responsible, in those ships in which the amalgamation of the branches has been implemented for:

- a. Those duties listed under Ordnance Engineer Officer in Paragraphs 34 to 36 of Chapter 19 in BR 2170;
- b. the administration and organisation of the Weapons and Radio Engineering Department being co-ordinated with the ship NBCD organisation;
- c. the training of the Weapons and Radio Engineering Department including that necessary for personal protection and for its NBCD duties;
- d. all practical facilities being given for Weapons and Radio Engineering personnel to take part in NBCD exercises;
- e. minimising fire, smoke, and pump suction chokeage risks in compartments for which he is responsible; and
- f. the maintenance and calibration of radiac instruments.

9. In ships where the amalgamation has not yet been implemented, the responsibilities of the Electrical Officer remain unchanged from those at present listed in Chapter 19 of BR 2170. The responsibilities of the Engineer Officer in these ships are as given in Paragraph 7 above, omitting Sub-paragraph (1).

10. The NBCD responsibilities of other Heads of Departments not mentioned above remain unchanged.

11. The Radiological Protection Officer is responsible to the Captain for:

- a. Making known to all departments the regulations for limiting the exposure of persons to ionising radiations which are promulgated from time to time, and for advising on the necessary precautions. Departmental officers are responsible that the precautions are observed in their own departments;
- b. maintaining records of all radiation doses received by members of the ships company, ensuring that the Medical Officer is given any relevant information for inclusion in medical records;
- c. the custody, distribution and efficiency of all radiation and CW detection and measuring devices supplied to the ship or establishment, calling upon the appropriate technical departments for assistance in maintenance or calibration. He is to issue to departments concerned those instruments required for the routine tests of specialised equipment.

- f. the organisation of monitoring, decontamination and cleansing procedures for dealing with radiological and chemical agents; for the training of monitors in radiological and chemical warfare monitoring; and for the training of decontamination and cleansing teams; and
- e. in action, or in the event of an accident involving a radiological hazard, for advising the Command and the Marine Engineer Officer on the implications of present or impending radiation or CW hazards, and countermeasures within the ship or establishment. In assessing these hazards and advising on countermeasures he is to consult the Medical Officer as necessary, and in the case of airborne hazards, the Meteorological Officer.

#### Implementation in Ships and Establishments

12. In destroyers, frigates and below, few if any changes in the duties and action stations of officers will be required to achieve this re-organisation, which should be brought into force at the earliest convenient moment.

13. In carriers the re-organisation is complicated by the siting of equipment fitted in the ship. The action station of the Marine Engineer Officer is in HQ 2, which is fitted for the display of certain machinery information and as a secondary Electrical Control Position. Control of the NBCD organisation in action is carried out by the NBCD Officer from HQ 1. A General List Officer will continue to be suitably trained and posted 'for NBCD duties', and in action will control the activities of the NBCD teams other than those in the Air Department and in the machinery spaces. The precise terms of his responsibilities must depend to a large extent on whether he is of the seaman or engineering branch, and must be decided in the ship. He will be responsible to the Executive Officer for the overall NBCD organisation and training and material preparations and countermeasures for all arrangements for collective protection against damage, fire or NBC hazards, to include the distribution of all NBCD equipment throughout the ship, except equipment supplied for NBCD monitoring and decontamination purposes. (Firefighting equipment in the Air Department and Machinery Spaces is to remain the responsibility of the Air and Engineeroom Departments.) The Damage Control Engineer Officer in carriers should, in addition to his already defined duties, be responsible to the Marine Engineer Officer for:

- a. The ventilation organisation of the ship;
- b. NBCD markings on bulkheads, openings and ventilation systems; and
- c. the maintenance of all damage control equipment.

14. The Shipwright Officer should be responsible to the Marine Engineer Officer for the maintenance of all doors, hatches and other water-tight and gas-tight fittings in accordance with normal maintenance practice.

15. Until further experience has been gained, it is the intention that Commanding Officers shall be free to select the officer they consider most suitable as Radiological Protection Officer. Arrangements are to be made for the officer selected to be trained at the NBCD School, HMAS PENGUIN. Should the officer selected be the only one of that category borne, the reservations regarding his action duties which are at present applied to the Monitoring Officer in Paragraph 29 of Chapter 19 of BR 2170 are to apply.

16. Navy Order 549 of 1965 is hereby cancelled.

(DNSD 1600/208/45)

(Navy Order 549 of 1965)

**Section 2**  
**PERSONNEL**

**RESTRICTED****509—Defence Services Chartered Aircraft for the Relief and Maintenance of Forces in Vietnam**

1. A Boeing 707-338 aircraft of Qantas Airways Ltd has been chartered for weekly operation between Sydney and Saigon for the relief and routine maintenance of Australian Forces in Vietnam.

2. The aircraft will be operated on a commercial basis and will be available for the carriage of passengers and cargo for official purposes only for each of the Defence Services. The following instructions apply to RAN use of this aircraft.

3. Aircraft route and timings (all times local) are as follows:

	<i>Airport</i>	
Monday 2300 ETD Light Refreshments	Sydney (Mascot)	ETA 2230 Tuesday
Tuesday 0250 ETA 0400 ETD Breakfast	Darwin Darwin	Light Refreshments
0615 ETA 0815 ETD 1030 ETA	Singapore Singapore Saigon	Lunch  ETD 1200 Tuesday

Transit stops are made at Darwin and Singapore. Passengers will not be picked up or set down at Singapore and special arrangements are required for passengers ex Darwin.

4. The maximum passenger configuration is 162 seats and payload capacity will be 45,000 lb northbound and 41,000 lb southbound.

5. Hand baggage not exceeding 10 lb in weight for each passenger may be carried in the aircraft cabin. The hold baggage allowance is 96 lb per passenger.

6. Personnel travelling on these aircraft are to wear Service uniform except during transit at Singapore where no Service identification is to be visible. Personnel are, therefore, to carry in their cabin luggage a civilian shirt and any other civilian clothing they may require for this transit stop. They are to change into civilian clothes before arrival in Singapore and back into uniform after departure of the aircraft.

7. The RAAF Movement Control Staff, Sydney (MOVCONSYD), are responsible for the seating and calling forward of passengers in liaison with the Base Movements Officer, Sydney. All boarding arrangements will be made by the RAAF. Instructions regarding calling forward and boarding will be issued by MOVCONSYD to the RAN ship or establishment concerned and are to be complied with.

8. Action is to be taken to ensure that Naval personnel emplaning in Australia comply with all Department of Health regulations and Department of Immigration requirements and that all necessary documents are obtained before departure. Naval personnel returning to Australia are to comply with all Commonwealth Customs Regulations especially those relating to the import of contraband, offensive weapons and other declared articles. Full customs clearance will be given at point of entry into Australia.

9. The allocation of seats in the above charter flight will be based on Inter-Service requirements and the Naval requirement is not expected to be large. Requests for travel are to be forwarded to Navy Office and are to contain reasons for journey, full details or prospective passengers and desired dates of travel.

10. Arrangements for southbound journey will be made by RAAF Headquarters Australian Force Vietnam.

(DMD 187/201/47)

**UNCLASSIFIED****510—Employment of Photographer Sailors**

1. It has become apparent over the past two years that the general standard of results obtained by Naval photographers is below that required for public relations purposes.

2. Naval photographers have been posted to various ships and establishments in order to assist with public relations publicity, in addition to the normal Service photographic requirements. In many cases the photographs, supplied to Navy Office for use in the public relations field, have been poor both in subject matter and in the quality of the photograph itself.

3. The demand for public relations material from Naval photographers is expected to increase rather than diminish in the future, and it is of the utmost importance that Naval photographers are given every assistance to improve their knowledge and technique, especially in the early years of their service.

4. Accordingly, personnel responsible for photographic sections are to ensure that all photographer sailors receive training, wherever practicable, in those areas where individual improvement is considered necessary. These training periods should:

- a. vary between 3 to 6 hours per week for individual sailors; and
- b. be conducted during normal working hours by the senior photographer of each section, using the facilities of the particular section, ship or establishment.

5. In particular, photographers in small ship postings are to be employed in their specialist duties during working hours as far as practicable, and are not to be employed during these hours on general ship duties to the detriment of their specialist duties. It is appreciated that facilities for photographic work in small ships are somewhat limited, but encouragement of these sailors by provision of the best facilities available should result in a considerable improvement in the standard of work produced.

(DMT 311/201/312)

**UNCLASSIFIED****511—Loan of RNZN Ratings to the RAN**

Navy Order 393 of 1966 is to be amended as follows:

**Paragraph 1**

*Delete* Sub-paragraph (ii) Loan Engagement:

RNZN ratings accepted for loan service are required to sign Form AS 55 and a Loan Agreement Form in triplicate.

(HPB 2/203/7)

(Navy Order 393 of 1966)



UNCLASSIFIED

**512—Removal of Motor Vehicles Between Mt Isa and Charters Towers**

1. The Queensland Government Railways has advised that freight charges on motor vehicles conveyed over the Queensland railway system are assessed on the basis of the weight of each motor vehicle; the weight being determined over a Departmental weighbridge.

2. The rate per ton for the carriage of motor vehicles from Charters Towers to Mount Isa is \$52.96 per ton. The rate for the carriage of motor vehicles from Mt Isa to Charters Towers is \$55.81 per ton.

3. Where a member posted from or to Darwin travels by private motor vehicle and rails his vehicle from Mt Isa to stations east thereof or from stations east of Mt Isa to Mt Isa, provided he is the owner of the vehicle and provides confirmation to the railways that he is being moved by the Department, the Railways will allow a rebate of 30 per cent on the rates shown in Paragraph 2.

4. NPI should be noted pending amendment.

(HPB 252/4/87)

UNCLASSIFIED

**513—Third Party Claims Against Australian Forces in the Far East**

1. The United Kingdom Claims Commission, Far East, will accept the processing and disposal of claims in tort against members of the Royal Australian Navy, arising within the Commissions area of responsibility in the Far East, for compensation for injuries, damage to property, etc, occasioned by such members whilst in the performance of their duty and whilst under British command. Claims covered by this Agreement should be referred to:

The Director of Claims,  
Headquarters, Far East Land Forces,  
G.P.O. Singapore.

2. Claims arising from collisions at sea and sea salvage are excluded from the agreement.

3. Any claims for compensation or damages against a member of the Royal Australian Navy arising from an 'off duty' incident is the responsibility of the individual and settlement of any such claim is a matter for the member concerned. ABR 5018 Article 212 is applicable, however, as regards fines inflicted in civil courts.

4. Australian diplomatic representatives in Malaysia, Singapore or Hong Kong as appropriate, will be authorised to effect payment of any claims determined under the agreement as in Paragraph 1 above following receipt in Navy Office of requisite advice from the Director of Claims.

5. Navy Order 459 of 1965 is hereby cancelled.

(DNA 271/1/45)

*(Navy Order 459 of 1965)*

Section 4

**EQUIPMENT, STORES AND SERVICING**

UNCLASSIFIED

**514—Cathodic Protection—Impressed Current System—Electrical Connections**

1. It is important that the electrical connections of the Impressed Current Cathodic Protection System in HMA ships are of the correct polarity.

2. Any reversal in polarity will result in accelerated corrosion of ships hull plating.

3. Ship and Dockyard Officers are to ensure that whenever work is undertaken on an Impressed Current Cathodic Protection System, the positive side of the supply is connected to the anodes, and the negative side to the ships hull.

4. Particular care should be taken when reconnecting rectifiers which have been overhauled. Reversal of polarity should be indicated on both the ammeter and the multivoltmeter. However, the connections to these meters may have also been reversed, and this point must be re-checked after each refit.

5. ABR 5023 'Cathodic Protection Manual' is being amended.

6. Navy Order 506 of 1965 is hereby cancelled.

(PEE 1211/52/100)

*(Navy Order of 506 of 1965)*

RESTRICTED

**515—Electrical (General)—Inspections—Compartments Containing Explosives and Adjacent Compartments—Electrical Installations—Naval Magazine and Explosive Regulations—BR 862/1960***(DCI (RN) 1536/1967)*

1. Chapter 8 (Change No 8) of BR 862/1960 (Naval Magazine and Explosive Regulations) contains amendments including the new requirements as detailed in the Annex to this order.

2. These new requirements are not to be applied retrospectively to existing ships in the Fleet, in reserve or to ships now building, unless specific instructions are issued by Navy Office.

3. Inspection, by the responsible officer referred to in Clause (1) of Article 0813 of BR 862, of all compartments containing explosives and compartments having decks or bulkheads in common with the Category I compartments listed in Article 0804, is to be arranged at the first opportunity.

4. This inspection is to be made with the object of authorising on the Ships Form AD 248, in accordance with Article 0803 of BR 862, all departures from those of the new regulations which are set out in the Annex quoting this order with its date, as the authority for the listed departures. Annotation on 'working layout' and 'as fitted' drawings is not required.

5. The completed Form AD 248 should contain a list of all compartments not complying with the new requirements with details of non-compliance.

6. In addition for all compartments inspected as required by Paragraph 3 above, a separate list of the numbers and types of portable fire extinguishers fitted in each compartment should be prepared.

7. The completed Form AD 248, with list of 'Compartments and fire extinguishers fitted' attached, should be forwarded to the Director of Weapons and Electrical Engineering.

#### ANNEX

#### New Requirements Contained in Chapter 8

(Change No 8)

or BR 862/1960)

**Category I, II and III Compartments** (Articles 0807 (4) (b) (i) and (ii), 0808 (4) (d) (i) and (ii), 0809 (4) (b) (i) and (ii) of BR 862)

1. a. Grouping of isolation switches.
- b. If isolation is achieved remotely (eg at a breaker) a tally plate giving isolation instructions is required alongside existing isolating switches, or in 'lieu of' if no others exist, and a fire extinguisher is to be provided in the appropriate Category I, II or III compartment.

#### Category I Compartments

2. All isolating switches for Category I compartments should be outside the adjacent compartment giving access to the Category I compartment. (Article 0810 (6) (a) of BR 862.)

#### Adjacent Compartments (Adjoining, above and below, Category I Compartments)

3. a. Stand-off of cables and equipment (Clause (4), Article 0810, BR 862).
- b. Smoke/fire detection (Clause (5), Article 0810, BR 862).
- c. Isolating switches outside compartment at access, or tally plates in lieu of. Provision of fire extinguisher in the adjacent compartment if isolating switches not fitted (Clauses 6 (a) and (b), Article 0810, BR 862).

#### Firing—Circuit Cabling Precautions, Throughout the Ship

4. The conduit shall be of steel (Clause (1) (b) (i) and (ii), Article 0811, BR 862).  
(DWE 465/201/700)

#### RESTRICTED

#### 516—Guided Weapons—Seacat Missiles Mod 0 and Mod 1—Firing and Testing Limitations

Navy Order 376 of 1968 is to be amended as follows:

##### Paragraph 1—Line 5

After Heading 'For Seacat Missiles Mod 0' add 'and Mod 1 Fitted with Motors GMK 40 A1 and Earlier'.

After Heading 'For Seacat Missiles Mod 1' add 'Fitted with Motors GMK 50 A1 and Later'.

(CINO 740/252/1155)

(Navy Order 376 of 1968)

#### UNCLASSIFIED

#### 517—Naval Stores—Sonar Echo Sounders Types 771, 772, 773 and 776—New Former Catalogue 0633-401317 for Paper Rolls Catalogue 0633-191369 and 0633-191390—Introduction

1. The paper former upon which existing paper rolls Catalogue Nos 0633-191369 and 0633-191390 are wound is easily damaged in service, resulting in incorrect fitting in the echo sounder recorders, and an improved plastic former Catalogue No 0633-401317 is being introduced. First outfit of new formers will be issued by SNSO, Sydney, when available, without demand.

2. The plastic former will be provisioned as a first fitting item, and new paper rolls will be supplied wound on this former as old stocks are consumed. The new formers will also be used in the paper take-up position in the recorders.

3. The handbooks for the echo sounding equipments, BR 2211, BR 224 and BR 2236 will be amended in due course.

(DNS 518/252/430)

#### RESTRICTED

#### 518—Wireless—Type 692/693 UHF Transmitters Duty Cycle

1. Extensive tests carried out by Ministry of Defence (Navy) has revealed that the duty cycle restricting the length of any one transmission using Type 692 UHF Transmitters is unnecessary. (RN DCI S61/65 is relevant.) The Type 692 may be used continuously for long periods and, therefore, for RATT transmissions.

2. Type 693 and Type 692S UHF Transmitters remain subject to the duty cycle restriction.

3. Navy Order 49 of 1968 is hereby cancelled.

(PEE 518/251/809)

(Navy Order 49 of 1968)

#### UNCLASSIFIED

#### 519—120-ft Motor Lighters—Double Bottom Compartments

1. The double bottom compartments in the 120-ft motor stores fresh water or refrigerated lighters are not to have water introduced into them at any time.

2. Although means are provided for pumping these compartments out, they are not accessible for cleaning and painting, and should therefore be kept empty.

3. Navy Order 492 of 1965 is hereby cancelled.

(PNA 1275/68/19)

(Navy Order 492 of 1965)

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ANO's 520-537/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
2 October 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY

21683/68

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## Section 1

### ADMINISTRATIVE AND GENERAL

#### UNCLASSIFIED

#### 520—Naval Technical Services Branch—USN Electronic Equipments—RAN Field Change Committee—Terms of Reference

1. Consequent on the increased fitting of electronic equipment of US origin in the RAN a Field Change Committee has been established under the Chairmanship of the Director of Weapons and Electrical Engineering.

2. The RAN Field Change Committee has been instituted by the Naval Board to examine and review all proposals for modifications to equipments under the cognisance of the Naval Electronic and Ship Systems Commands, United States Navy.

3. Subject, when appropriate, to confirmation by Naval Staff of a requirement and to confirmation by the Directors concerned that funds are available, the Field Change Committee will decide which Field Changes are to be adopted. The Committee will also determine the method of implementation and consequent amendments to publications and drawings.

4. The Committee is to inform ANA Washington, within 45 days of receipt of a modification proposal, of the decision of the Committee.

5. The Field Change Committee is the highest technical authority in the RAN on all questions concerning modifications to electronic equipment under the cognisance of the Naval Electronic and Ship Systems Commands. The decisions of the Committee are the authority for action by divisions and branches except in cases where Naval Staff policy is involved or where the overall cost of the modification is estimated to exceed \$40,000, when the approval of the Naval Board is required.

6. Directors of divisions and branches on whose votes expenditure on approved modifications is borne will obtain the approval of competent authority in the normal course for expenditure of money in instances where the amounts involved exceed their delegation.

7. DWE is responsible for:

- a. The submission of all modifications to electronic equipments under the cognisance of the Naval Ship and Electronic Systems Commands; and
- b. advising the A & A Committee of Field Changes which have been adopted that require A & A action for installation. The adoption of these Field Changes makes the A & A mandatory.

8. The permanent members of the Field Change Committee are:

- DWE (Chairman)
- DNS Representative
- DGFE Representative
- PEE Representative
- DDG Type Desk Representative.

Other specialist officers may be co-opted as desired.

9. The Committee will meet at Navy Office, Canberra, as arranged by the Chairman.

10. Where any Committee member will not be attending a particular meeting he should notify the Chairman and nominate another Committee member to speak on his behalf as necessary.

(DWE 8/1/103)

UNCLASSIFIED

## 521—Precautions to be Observed to Prevent Fires in Ships and Floating Equipment Under Refit at HMA Naval Dockyards

### Welding, Burning and Heating Operations

1. The provisions and requirements of this order are promulgated for the information and guidance of Dockyard Officers and Ships Staff. This order varies as well as clarifies previously accepted Dockyard/Ship responsibility when welding, burning and heating operations are carried out on board.

2. The Marine Engineer Officer of ships in commission is responsible directly to his Captain for the safety of welding, burning or heating operations, and is the direct liaison with Dockyard Officers.

3. A large percentage of the outbreaks of fire in HMA ships and craft result from welding, burning or heating operations and reports show that these fires are generally due to inadequate precautions.

4. The following instructions are to be observed by all those concerned with the refits of HMA ships:

- a. before any work involving welding, burning or heating is commenced by dockyard or contractors personnel in any ship in commission or under Naval administration, the foreman of the dockyard department performing the work or the overseer in ships under refit by contract, is to inform the Engineer Officer of the ship or his representative in writing on Form TG 110, of the intention to carry out welding, burning or heating; of the probable extent of the work and its duration in time and to request a fire party to be in attendance at the site;
- b. all inflammable materials including paint, stores, dunnage, packing material, oil in bilges, rubbish, etc, in the vicinity of the welding, burning or heating operation are to be removed, by the ship for articles or refuse which belong to the ship, or by the dockyard for articles or refuse which are products of the refit;
- c. all compartments adjoining that in which welding, burning or heating is to be carried out are to be examined thoroughly by the Engineer Officer or his representative conjointly with the foreman, and any combustible material is to be removed. This includes the removal of paint or similar coatings whether wet or dry and which are likely to cause a fire hazard, from bulkheads or decks on which welding, burning or heating is to take place. Such bulkheads or deck preparation will be carried out by dockyard personnel under the direction of Dockyard Officers in charge of welding. Adjoining in this context means 'on the other side of' the bulkhead, or 'directly above or below' the deck or compartment where welding, burning or heating is to take place;
- d. the access covers or hatches of any closed compartment such as tank, watertight compartment, etc, are to be opened and the compartment is to be ventilated and certified as gas free. The work of ventilating the compartment and obtaining the gas-free certificate, is the responsibility of ships officers;

- e. when a doubt exists as to the surface condition on the other side of bulkhead or deck, the ships Engineer Officer or his representative is to be contacted and his decision obtained before welding, burning or heating is commenced; and
- f. electrical cables and fittings in the vicinity of an intended welding, burning or heating operation are liable to damage from flying spots of molten metal, or heat. They are to be moved clear or completely covered by damp asbestos or other protective material. Those cables fixed to the other side of a bulkhead or deck are to be moved clear, and suitably protected to avoid damage due to heat. These precautions are to be carried out before welding, burning or heating is commenced. In this connection it is necessary to emphasise that PYROTENAX cable is easily mistaken for copper piping and when any doubt exists confirmation is to be obtained from the ships Engineer Officer or his representative.

### Welding, Burning or Heating of Pipes

5. Welding, burning or heating operations are normally entirely prohibited on pipes in place which have been in service. Where it is not possible to remove a pipe before welding, burning or heating, the ships Engineer Officer or his representative is to be informed and his decision given before work is commenced. Pipes which normally carry water, eg, drains, are not to be assumed free from risk and should be taken down before welding, burning or heating.

### Machinery Spaces

6. Particular care should be taken when welding, burning or heating operations are required in machinery or other spaces where the possibility of the presence of oil increases the necessity for special precautions. No pipe lines in the same compartment, which carry inflammable liquids, are to be broken during the course of welding, burning or heating.

### Provision of Fire Fighting Equipment

7. a. The ship is to provide the following 'First Aid' fire fighting equipment in the vicinity of the welding, burning or heating operation, together with the necessary trained personnel to operate it. No welding, burning or heating is to take place before the arrival or after the departure of the ships personnel;
  - (1) 2 × 2 gallon gas/water extinguishers Patt 72720, charged and in readiness; or
  - (2) 2 × 2 gallon foam extinguishers, Patt 47260, if there is the slightest risk from inflammable liquid.
- b. The dockyard employee is to provide a damp asbestos sheet of suitable size to prevent the spread of sparks.

### Gasoline Storage Tanks and Gasoline Tank Compartments

8. The special precautions to be observed are laid down in BR 1754 (Regulations for the Storage and Handling of Gasoline and Other Inflammable Stores).

### Responsibility

9. Commanding Officers are responsible that an efficient organisation is available for dealing with fires, for ensuring that the necessary fire precautions are carried out and that the necessary liaison exists.

### Co-operation

10. The closest co-operation is to be maintained between the relevant Dockyard Officers, Shipyard Officials, Overseers, Ships Officers and others responsible, in order to ensure that all possible precautions are taken. In private yards where HMA ships are refitting, the overseer is to draw the attention of the shipyard officials to the necessity for closest collaboration with Ships Officers in the matter of fire precautions and to the need to establish a good liaison with the local Fire Authority. In any case no welding, burning or heating is to be undertaken by contractors without written permission from the Marine Engineer Officer of the ship, preferably on a form similar to TG 110.

### Authority to Carry out Work

11. The following trades are authorised to carry out operations involving welding, burning or heating on HMA ships in approved positions:

Boilermakers  
Welders and Burners  
Sheetmetal Workers  
Coppersmiths  
Plumbers  
Enginesmiths (heating only)  
Fitters.

12. Foremen are to ensure that all employees are acquainted with the above instructions before permitting them to handle welding, burning or heating equipment.

### Floating Equipment

13. Similar precautions to the above are to be observed in docks, caissons, pontoons, etc, where welding, burning or heating operations are carried out. It is the responsibility of the officer in charge of the docks, caissons, etc, that adequate fire fighting services are immediately available during the welding, burning or heating.

14. The General Manager, Garden Island Dockyard, and the General Manager, Williamstown Dockyard, are to issue instructions embodying the foregoing and delineating responsibilities within their own organisations. These instructions should also clearly define the interface between dockyards and ships alongside in order that no doubt remains as to the responsibility of either.

(DMED 464/70/330)

### 522—RAN Squadron and Ship Nomenclature

1. The Naval Board have decided that:
  - a. The RAN should allocate its own squadron numbers commencing with 1 in each ship/type category;
  - b. the USN/RCN system of short titles should be used;
  - c. the USN system of hull numbering should be introduced;
  - d. the USN method of reference to ships names by type designator and number should be used in official publications, lists, etc; and
  - e. black funnel bands and squadron funnel number should be retained for squadron leaders.
2. Superseded terms, eg, escort maintenance ship, fast military transport, fast replenishment tanker and frigate are not to be used.

3. The new RAN squadron titles are shown in Annex A to this order.

4. The new type designators, hull numbers and visual call signs are shown in Annex B to this order. Relevant communication publication amendments, and technical details of size and positioning of hull and funnel markings are being issued separately.

5. In referring to ships by type designator and number, these numbers should not be confused with building numbers allocated to ships under construction.

6. These changes will be effective from 1 January 1969.

7. Navy Order 590 of 1965 is hereby cancelled.

### ANNEX A

#### RAN Squadron Titles

<i>New Titles</i>	<i>Short Titles</i>	<i>Superseded Titles</i>
First Australian Destroyer Squadron (DDG)	AUSDESRON 1	..
Commander First Australian Destroyers Squadron (DDG)	COMAUSDESRON 1	..
Second Australian Destroyer Squadron (Darings)	AUSDESRON 2	10th Destroyer Squadron
Commander Second Australian Destroyer Squadron (Darings)	COMAUSDESRON 2	Captain (D) tenth Destroyer Squadron
Third Australian Destroyer Squadron (Rivers)	AUSDESRON 3	First Frigate Squadron
Commander Third Australian Destroyer Squadron (Rivers)	COMAUSDESRON 3	Captain (F) First Frigate Squadron
First Australian Training Squadron	AUSTRARON 1	Australian Training Squadron
Commander First Australian Training Squadron	COMAUSTRARON 1	Senior Officer Australian Training Squadron
First Australian Submarine Squadron	AUSSUBRON 1	Fourth Submarine Squadron
Commander First Australian Submarine Squadron	COMAUSSUBRON 1	Commander (SM) Fourth Submarine Squadron
Commander Australian Mine Warfare and Patrol Forces	COMAUSMINPABFOR	Commander Mine Warfare and Patrol Forces
First Australian Mine Countermeasures squadron (MHS MHC)	AUSMINRON 1	Sixteenth Mine Countermeasures Squadron
Commander First Australian Mine Countermeasures Squadron (MHS and MHC)	COMAUSMINRON 1	Senior Officer Sixteenth Mine Countermeasures Squadron
First Australian Patrol Boat Squadron (PTFs)	AUSPABRON 1	..
Commander First Australian Patrol Boat Squadron (PTFs)	COMAUSPABRON 1	..
Papua/New Guinea Patrol Boat Squadron (PTFs)	PNGPABRON	Remains Same
Commander Papua/New Guinea Patrol Boat Squadron (PTFs)	COMPNGPABRON	Senior Officer New Guinea Patrol Boat Squadron

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## ANNEX B

## RAN Ship Nomenclature

Ship and Type Designator	Hull Number	Visual Call Sign	
<b>Aircraft Carriers (CV-)</b>			
<i>ASW Support</i>			
HMAS MELBOURNE (CVS21) .. ..	21	R21	
<b>Destroyers</b>			
<i>Guided Missile (DDG)</i>			
HMAS BRISBANE (DDG41) .. ..	41	D41	
HMAS HOBART (DDG39) .. ..	39	D39	
HMAS PERTH (DDG38) .. ..	38	D38	
<i>Daring Class (DD)</i>			
HMAS VAMPIRE (DD11) .. ..	11	D11	
HMAS VENDETTA (DD08) .. ..	08	D08	
HMAS DUCHESS (DD154).. ..	154	D154	
<i>Battle Class (DD)</i>			
HMAS ANZAC (DD59) .. ..	59	D59	
HMAS TOBRUK (DD37) .. ..	37	D37	
<i>Escort (DE)</i>			
<i>River Class</i>	HMAS DERWENT (DE49) .. ..	49	D49
	HMAS PARRAMATTA (DE46).. ..	46	D46
	HMAS STUART (DE48) .. ..	48	D48
	HMAS SWAN (DE50) .. ..	50	D50
	HMAS TORRENS (DE53) .. ..	53	D53
<i>Queenborough Class</i>	HMAS YARRA (DE45) .. ..	45	D45
	HMAS QUEENBOROUGH (DE 57)	57	D57
	HMAS QUICKMATCH (DE69)	69	D69
HMAS QUIBERON (DE58) .. ..	58	D58	
<b>Submarines (SS)</b>			
HMAS OXLEY (SS57) .. ..	57	S57	
HMAS OTWAY (SS59) .. ..	59	S59	
HMAS OVENS (SS70) .. ..	70	S70	
HMAS ONSLOW (SS60) .. ..	60	S60	
<b>Support</b>			
Transport (AP) HMAS SYDNEY (AP214) .. ..	P214	A214	
Oiler (AO) HMAS SUPPLY (AO195) .. ..	A0195	A195	
Destroyer Tender (AD) HMAS STALWART (AD 215)	D215	A215	
<i>Surveying Ship (AGS)—</i>			
HMAS MORESBY (AGS73) .. ..	GS73	A73	
HMAS BARCOO (AGS245).. ..	GS245	A245	
<i>Coastal Surveying Ship (AGSC)—</i>			
HMAS PALUMA (AGSC337) .. ..	GSC337	A337	

## Ship and Type Designator

## Hull Number

## Visual Call Sign

## Support—continued

## Oceanographic Research Ship (AGOR)—

HMAS DIAMANTINA (AGOR266) .. ..	GOR266	A266
HMAS KIMBLA (AGOR314) .. ..	GOR314	A314
HMAS GASCOYNE (AGOR276) .. ..	GOR276	A276

## Mine Warfare (MSCs and MHCs)

*Mine Sweepers Coastal—*

HMAS GULL (MSC1185) .. ..	1185	M1185
HMAS HAWK (MSC1139) .. ..	1139	M1139
HMAS IBIS (MSC1183) .. ..	1183	M1183
HMAS TEAL (MSC1152) .. ..	1152	M1152

*Mine Hunters Coastal—*

HMAS CURLEW (MHC1121) .. ..	1121	M1121
HMAS SNIPE (MHC1102) .. ..	1102	M1102

## Patrol Boats (PTFs)—

*Fast*

HMAS ACUTE (PTF81) .. ..	81	P81
HMAS ADROIT (PTF82) .. ..	82	P82
HMAS ADVANCE (PTF83) .. ..	83	P83
HMAS AITAPE (PTF84) .. ..	84	P84
HMAS ARCHER (PTF86) .. ..	86	P86
HMAS ARDENT (PTF87) .. ..	87	P87
HMAS ARROW (PTF88) .. ..	88	P88
HMAS ASSAIL (PTF89) .. ..	89	P89
HMAS ATTACK (PTF90) .. ..	90	P90
HMAS AWARE (PTF91) .. ..	91	P91
HMAS BANDOLIER (PTF95) .. ..	95	P95
HMAS BARBETTE (PTF97) .. ..	97	P97
HMAS BARRICADE (PTF98) .. ..	98	P98
HMAS BAYONET (PTF101) .. ..	101	P101
HMAS BOMBARD (PTF99) .. ..	99	P99
HMAS BUCCANEER (PTF100) .. ..	100	P100
HMAS LADAVA (PTF92) .. ..	92	P92
HMAS LAE (PTF93) .. ..	93	P93
HMAS MADANG (PTF94) .. ..	94	P94
HMAS SAMARAI (PTF85) .. ..	85	P85

## Miscellaneous—

*Auxiliary (AG)—*

BANKS (AG244) .. ..	G244	A244
BASS (AG247) .. ..	G247	A247
CASTLEMAINE (AG248) .. ..	G248	A248

*Barracks Ship (APL)—*

CULGOA (APL256) .. ..	PL256	A256
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(DGOP 1211/251/116)

(Navy Order 590 of 1965)



**Section 2**  
**PERSONNEL**

UNCLASSIFIED

**523—Ansett Pioneer Express—Concessional Travel**

1. Ansett-Pioneer have advised that any member of the RAN or WRANS, who tours whilst on leave with an Ansett-Pioneer coach, may be granted a concession of 33½ per cent from the standard fares allowed.

2. This concession will only be allowed to members on presentation of their identity card. Reservations may be made and tickets obtained at either of the company booking offices situated at 138 Elizabeth Street, and 465 Swanston Street, Melbourne, or any accredited agent.

3. This concession is not applicable to personnel travelling on duty or in possession of leave travel warrants.

(HPB 187/1/264)

UNCLASSIFIED

**524—Child Education Allowance**

1. The conditions of NPI 105/303 governing payment of the Category A rate of Child Education Allowance have been varied to provide that when a member or his wife returns from overseas and resides in the city or area in Australia where the child is attending a boarding school, the allowance will only be continued until the end of the school term, ie, the term during which the member or his wife returns in lieu of payment to the end of the academic year.

2. Similarly:

- a. Where a member or his wife returns from overseas and resides in a city or area in Australia other than where the child is attending a boarding school and subsequently moves and resides in the city or area where the child is attending a boarding school—the Category A rate of allowance will be continued until the end of the school term during which the subsequent move took place; and
- b. where a member or his wife returns from overseas during term holidays and resides in the city or area in Australia where the child is attending a boarding school—the Category A rate will not be continued in respect of the subsequent term or terms.

3. Effective from 3 June 1968 a member claiming payment of Child Education Allowance under NPI 105/303 is required to indicate whether or not his child holds a Commonwealth Scholarship, and to provide details of any claims for reimbursement which have been made under the scholarship.

4. The following conditions will apply regarding the scholarship:

- a. *Living Allowance portion of scholarship.* No adjustment will be made to the amount of Child Education Allowance paid;

- b. *Textbook and Equipment Allowance portion of the scholarship.* In respect of one half of this allowance no adjustment will be made to the amount of Child Education Allowance payable—the balance will be deducted from the allowance as in c. below; and
- c. *Fees Allowance portion of scholarship.* As a member is not entitled to receive reimbursement under the provisions of both the scholarship and Child Education Allowance in respect of the same expenses, the element included in the scholarship for fees will be deducted from the amount of Child Education Allowance payable.

5. The attention of members currently in receipt of Child Education Allowance is drawn to Paragraphs 3 and 4 above, and it is requested that where the members child/children holds a Commonwealth Scholarship full details be submitted to Navy Office.

6. NPI 105/303 should be noted pending amendment.

(HPB 252/10/9)

UNCLASSIFIED

**525—Medical, Hospital and Dental Treatment for Families of United Kingdom Personnel in Australia**

1. The National Health Service applies only to the United Kingdom and makes no provision for treatment abroad. However, in Australia, arrangements are made to provide as far as practicable, for the persons specified in the following Paragraphs, medical and dental treatment benefits equivalent to the benefits provided under the National Health Service in the United Kingdom. In this order, the Medical Director-General is the Medical Director-General of the Royal Australian Navy. The authorised representatives of the Medical Director-General are the Deputy Medical Director-General (Dental), HMAS CERBERUS, the Command Dental Surgeon, East Australia Area, HMAS KUTTABUL, and the Fleet Dental Surgeon, HMAS MELBOURNE.

**Naval Families**

2. The following members of the families of serving officers, ratings and other ranks are eligible to benefit, provided they have proceeded to Australia under officially approved arrangements, or if their presence on the Australia Station is recognised for the purpose of entitlement to the married accompanied rate of LOA:

- a. Wives and children;
- b. domestic servants, childrens nurses or governesses who are of British nationality, who were engaged in the United Kingdom and have been granted a free passage from the United Kingdom to the station abroad; and
- c. school children granted, under the approved scheme, a free passage from the United Kingdom to visit Service parents overseas, will be eligible to receive urgent medical treatment and emergency dental treatment at public expense during their visit (including voyage periods), but routine and non-emergency treatment at public expense is to have prior Ministry of Defence (Navy) authority.

3. Members of families who elect to remain in Australia after the husband has left it, cease to be eligible for medical treatment under these arrangements. It is emphasised that there is no entitlement to free medical, hospital and dental services overseas if, not being entitled to a free passage, a serving officer, rating or other rank takes his family abroad privately. In this case he will be responsible for his familys medical, etc, expenses.

### Civilian Staff and their Families

#### 4. The following are entitled to benefits:

- a. United Kingdom based non-industrial and industrial staff; and
- b. the following members of household of United Kingdom based staff, provided they were granted passage to the station at Ministry of Defence (Navy) expense, and that they continue to live as members of the household. Children away during term time undergoing full-time instruction at educational establishments under official arrangements are regarded as fulfilling this condition:
  - (1) *Wives*—A wife married abroad for whom passage was not provided may be included if her husband is, with Ministry of Defence (Navy) approval, in receipt of the married accompanied rate of FSA.
  - (2) *Sons and Daughters*—Under the age of 21 years so long as they remain unmarried and are dependent upon their parents.
  - (3) *Domestic Servants and Childrens Nurses of British nationality*—Members of households who elect to remain abroad after the husband or father has returned to the United Kingdom cease to be eligible for treatment under these arrangements.

*Note:* The facilities are also available to ratings (but not households) of crews of Royal Fleet Auxiliaries provided they are domiciled in the United Kingdom.

5. Members of households who elect to remain abroad after the husband or father has returned to the United Kingdom cease to be eligible for treatment under these conditions.

### Refund of Fares

6. Fares of a patient and an escort, if one is necessary on medical grounds, may be refunded by the amount by which they exceed \$1.07 a week.

### Benefits Covered

#### 7. The benefits covered include:

- a. Treatment by medical practitioners; *see* Paragraph 10;
- b. treatment by specialists and consultants; *see* Paragraph 11;
- c. hospital treatment; *see* Paragraphs 8 and 12;
- d. obstetrical and maternity treatment; *see* Paragraphs 13 and 14;
- e. dental treatment, including dentures; *see* Paragraphs 22-27;
- f. optical treatment, including spectacles; *see* Paragraphs 16-19;
- g. supply of pharmaceutical items prescribed by medical practitioners; *see* Paragraphs 14 and 15; and
- h. supply, maintenance and repair of surgical and orthopaedic appliances prescribed by a medical practitioner; *see* Paragraph 20.

### Arrangements for Hospital Treatment

8. Individuals will make their own arrangements for necessary treatment at the most reasonable terms available. Where hospitalisation for treatment, confinement or special examination is or will be necessary, every effort is made to utilise the facilities of public hospitals. Public wards should be used wherever practicable. The maximum fees which will be reimbursed will be those current for public or intermediate ward patients in public hospitals. Fees in excess of these amounts are the patients own responsibility. In the even of distance or emergency necessitating the use of private

hospitals, or where accommodation in general wards of a public hospital is not available, and provided a doctors certificate to this effect is forwarded with the claim, consideration will be given to reimbursement of charges in excess of the current daily rate of intermediate ward accommodation in a public hospital.

### Conditions of Reimbursement

9. The following are services for which reimbursement will be effected and relevant information which must be forwarded with the claim:

- a. Doctors and hospital accounts:
  - (1) diagnosis;
  - (2) nature of any operation;
  - (3) number of visits or consultations by doctor; and
  - (4) dates of treatment in hospital.
- b. Dentists accounts:
 

Itemised statement of work done; *see* Paragraphs 22-27.
- c. Chemists accounts. *See* Paragraphs 14 and 15.
- d. Optical accounts. *See* Paragraphs 16-19.
- e. Dates of birth of children. *See* Paragraphs 2 c., 4 b. (ii), 16 and 27 a.
- f. The name of the ship or establishment where the claimant is serving and if he is scheduled to return to the United Kingdom within 30 days of lodging the claim.

### Treatment by Medical Practitioners

10. Where it is necessary to seek treatment, etc, by medical practitioners, the services of a general medical practitioner are to be availed of in the first instance. All reasonable expenses in respect of treatment, etc, by general practitioners will be reimbursed.

### Treatment by Specialists and Consultants

11. Reimbursement of specialist or consultant charges will be made only when treatment by a specialist or consultant is considered necessary by a general medical practitioner. In such cases the specialists or consultants account is to be endorsed in such a manner as to indicate that the patient was referred by a general medical practitioner. Where a specialist or consultant has been consulted in the first instance, reimbursement will be effected at the rates charged by general medical practitioners.

### Hospital Accommodation

12. The charges for hospital accommodation will be approved for reimbursement up to a maximum of the current daily rate of intermediate ward accommodation in a public hospital, plus operating theatre or labour ward fees, laboratory and X-ray examinations, drugs, dressings, nappy wash during the lying-in period in hospital and special pharmaceutical items considered necessary for treatment. Charges for laundry and telephone will not be approved for reimbursement. Charges in excess of the current daily rate of intermediate ward accommodation in a public hospital, unless covered by the conditions of Paragraph 8, are the patients own responsibility.

### Obstetrical and Maternity Treatment

13. For a normal confinement, a maximum fee of \$60.00 including about 10 ante-natal visits, delivery and post-natal care paid to a general practitioner, will be approved for reimbursement. In the event of a confinement necessitating special procedures, eg, surgical induction (by a general practitioner), an additional fee of up to \$15.00 will be approved for reimbursement, subject to the account being endorsed to

this effect. In the event of specialist treatment being necessary the conditions of Paragraph 11 will apply. A maximum fee of \$12.00 will be allowed for circumcision for a child under 12 months, \$15.00 for a child 1-12 years and \$21.00 for a child over 12 years.

14. Pharmaceutical expenses during obstetrical treatment will be limited to the following:

- a. The cost of doctors prescriptions and maternity kits which mothers are required to provide before admission to certain maternity hospitals. All such items are to be fully itemised on the chemists account; and
- b. all reasonable stock items as provided by hospitals.

#### Pharmaceutical Items

15. a. Reimbursement of pharmaceutical expenses will be limited to the cost of medicines, drugs, sera, certain appliances, etc, which are prescribed by the doctor as part of the treatment. All such items purchased are to be itemised on the chemists account and the doctors prescription is where possible, to accompany the chemists account. Where it is necessary for the chemist to retain the prescription, the account should be so endorsed by the chemist; and
- b. reimbursement of expenses incurred in respect of oral contraceptives will only be approved when the claims are supported with written evidence that such preparations are prescribed by a doctor for clinical reasons.

#### Optical Benefits

16. Contributions, as set out hereunder, are required towards the cost of spectacles:

Frames .. .. .	\$1.60
Lenses (per pair) .. .. .	\$3.10
Lenses bifocal (per lens) .. .. .	\$2.50

No contribution is required in respect of children up to and including 15 years of age.

17. Reimbursement of the cost of spectacles to the maximum extent of \$15.00 less the contribution required, will be allowed in addition to a maximum fee of \$12.00 payable to an ophthalmologist or optician in respect of examination and prescription for spectacles.

18. The cost of two pairs of spectacles (ie, maximum of \$30.00 less contributions required) will be refunded provided a certificate is produced from an ophthalmologist or optician certifying the necessity for two pairs of spectacles.

19. Where an ophthalmologist or optician certifies as to the necessity for bifocal spectacles, a maximum amount of \$6.30 will be allowed, additional to the amounts allowed in Paragraph 17.

#### Surgical and Orthopaedic Appliances

20. All reasonable expenses incurred in connection with supply, maintenance and renewal of surgical and orthopaedic appliances will be reimbursed subject to the production of a medical certificate authorising the need thereof.

#### Home Nursing Service

21. Claims for reimbursement of expenses for home nursing will not be accepted unless there are exceptional medical reasons, not domestic reasons, why this service was necessary.

#### Dental Treatment

22. Reimbursement of expenses incurred in respect of provision of:
  - a. Emergency treatment for the relief of pain or the repair of dentures and bridges;
  - b. extractions under local anaesthetic;
  - c. amalgam fillings;
  - d. porcelain or plastic fillings;
  - e. root treatments;
  - f. prophylaxis;
  - g. simple periodontal treatment;
  - h. topical fluoride treatment;
  - i. X-rays; and
  - j. Sedative dressings;
 will be effected in accordance with the minimum fee schedules issued by the Australian Dental Association from time to time. The reimbursement will be subject to a deduction of \$2.14 for one visit or a series of visits, which is the equivalent amount payable by persons in the United Kingdom covered by the National Health Service.

23. However, should the total cost of any of the above listed treatments be likely to exceed \$40.00 then the prior approval of the Medical Director-General or his authorised representative is to be obtained.

24. Reimbursement of expenses incurred in respect of the provisions of:

- a. Crowns and bridges;
  - b. gold inlays;
  - c. metal dentures and their repair;
  - d. acrylic dentures;
  - e. orthodontic treatment and appliances;
  - f. specialist periodontal treatment;
  - g. oral operations; and
  - h. extractions under general anaesthesia:
- will not be effected unless the prior approval of the Medical Director-General or his authorised representative is obtained before commencement of treatment. Such approval may be authorised only after the most stringent investigation of clinical necessity and not for cosmetic reasons or the patients personal preference. Personnel should not allow the dentist to proceed with the work before approval from the Medical Director-General or his authorised representative has been received unless they are prepared to bear the entire cost of the treatment without reimbursement.

25. With the exception of claims for the relief of pain or repair of dentures and bridges, claims for treatment performed within three months of arriving in Australia or three months prior to returning to the United Kingdom will not normally be reimbursed.

#### Contributions Towards Cost of Dentures

26. Contributions in accordance with DCI (RN) 1762/65 are required towards the cost of dentures and are as hereunder:

Description of Dentures	Amount
1, 2 or 3 teeth .. .. .	\$5.62
4 to 8 teeth .. .. .	\$6.25
more than 8 teeth .. .. .	\$6.88
Full upper and lower denture .. .. .	\$12.50
No charge to exceed .. .. .	\$12.50

**Exemption Provisions**

27. Patients who fall into the following classes and sign a declaration to that effect, will no longer be required to pay a charge for the supply of dentures or for the relining of, or addition of teeth, bands or wires to a denture:

- a. Children under 16 years of age or children who are still attending full-time at school. This does not include students at training colleges, universities or other establishments of further education;
- b. expectant mothers; and
- c. mothers who have borne a child within the previous 12 months.

**Travel Costs**

28. Refund of Travelling Costs to and from Hospital. Travelling expenses in excess of \$1.60 and 80 cents a week for officers and ratings dependants, respectively, who go for hospital treatment (or specialist treatment beyond local resources) will be refunded. Refunds are to be based on the cheapest form of public transport available or mileage allowance at the appropriate public transport rate if the journey is made by private car.

29. In cases where competent medical authority certifies that an escort is necessary or that it is necessary for the child of an officer or rating to be visited by one of its parents while receiving treatment in hospital, travelling expenses will be refunded in accordance with Paragraph 28.

30. Claims authorised for reimbursement are to be charged as follows:

- a. Royal Navy Exchange and United Kingdom Personnel: Division 648/1/01/112—Other Administrations, Recoverable Expenditure—Medical and Dental.
- b. Royal Navy Loan and RN Submarines Personnel: Division 634/0/07/102.

**Processing and Payment of Claims**

31. a. Claims are to be treated as Confidential and supported by receipts and statements showing the information required in accordance with Paragraph 9. Claims by United Kingdom civil personnel are to be rendered direct to the Medical Director-General, Department of the Navy, Victoria Barracks, Melbourne 3004, who will assess and authorise payments.

b. (1) *Royal Navy Loan and Exchange Personnel:*  
Claims are to be certified as to correctness by the Naval Medical/Dental Officer and processed and paid by the HMA ships and establishments in the normal manner. Where a Naval Medical/Dental Officer is not borne, claims are to be forwarded to the Command Medical/Dental Officer, East Australia Area.

(2) *RN Submarines Personnel:*  
Claims are to be certified as to correctness by the Command Medical/Dental Officer, East Australia Area, and forwarded to the Commanding Officer, RN Submarines, HMAS PLATYPUS, North Sydney, NSW 2060, for payment.

c. All doubtful claims and those in which fees are in excess of those set out in this order are to be referred to the Medical Director-General.

32. Navy Orders 458 of 1965, 5 of 1966 and 28 of 1967 are hereby cancelled.

(MDG 156/51/23)

(Navy Orders 458 of 1965, 5 of 1966 and 28 of 1967)

## UNCLASSIFIED

**526—Oversea Allowances—United States of America**

1. Following a review of the Oversea Allowances applicable to personnel posted to the United States of America and Canada on long or intermediate term duty, certain variations in the rates and conditions governing payment of Oversea Living Out Allowance, Child Allowance and Rent Allowance have occurred. The new rates and conditions are shown as they affect the Naval Pay Instructions and as will be included in those Instructions, in due course:

**a. NPI 105/101.**

(1) The table in Paragraph 1 is omitted and the following inserted in its stead:

Country	Marital Status	Category	Rate per day per Group—\$A				
			1	2	3	4	5
USA other than New York, Los Angeles or San Francisco	Married Accompanied Member	(a)	8.19	9.78	10.52	11.23	14.33
		(b)	9.51	11.10	11.84	12.55	15.64
		(a)(d)	7.75	9.34	10.08	10.79	13.89
	Member other than Married	(a)	5.67	7.26	7.81	8.38	9.34
		(b)	6.49	8.08	8.63	9.20	10.16
		(a)(e)	5.39	6.98	7.53	8.11	9.07
New York	Married Accompanied Member	(a)	9.04	10.60	11.32	12.05	15.40
		(b)	10.36	11.92	12.63	13.37	16.71
	Member other than Married	(a)	6.49	8.03	8.60	9.20	10.36
		(b)	7.31	8.85	9.42	10.02	11.18
Los Angeles	Married Accompanied Member	(a)	9.04	11.15	11.95	12.74	16.00
		(b)	10.36	12.47	13.26	14.05	17.32
	Member other than Married	(a)	6.60	8.57	9.20	9.83	10.88
		(b)	7.42	9.39	10.02	10.65	11.70
San Francisco	Married Accompanied Member	(a)	8.77	10.63	11.40	12.14	15.37
		(b)	10.08	11.95	12.71	13.45	16.68
	Member other than Married	(a)	6.22	8.08	8.68	9.31	10.14
		(b)	7.04	8.90	9.50	10.13	10.96
Canada	Married Accompanied Member	(a)	6.82	8.08	8.63	9.21	11.75
		(b)	8.14	9.40	9.95	10.52	13.07
		(a)(d)	6.38	7.64	8.19	8.77	11.32
	Member other than Married	(a)	4.82	5.81	6.16	6.55	7.07
		(b)	5.64	6.63	6.98	7.37	7.89
		(a)(e)	4.55	5.53	5.89	6.27	6.79

(2) Note 2 is omitted and the following inserted in its stead:

'Note 2: Where members are posted to New York, San Francisco or Los Angeles for periods which would categorise them under NPI 105/103 for rates other than the full (a) rate for the area, details are to be furnished to Navy Office for assessment of the rate payable.'

b. NPI 105/102.

Groups 3 and 4 are amended to the following:

Group 3—Lt-Cdr, Lt-Cdr (SD) or relative rank; Cdr, Cdr (SD) or relative rank.

Group 4—Captain.

c. NPI 105/106.

(1) The table in Paragraph (3) is omitted and the following inserted in its stead:

Rank	Rate per day \$A
Captain .. .. .	18.43
Cdr; Cdr (SD) or relative rank or Lt Cdr; Lt Cdr (SD) or relative rank .. .. .	16.37
Lt; Lt (SD) or relative rank .. .. .	15.08
Sub-Lt; Sub-Lt (SD) or officer of relative or lower rank and sailors .. .. .	12.93

(2) Married members on long or intermediate term duty who are unaccompanied or who are accompanied by their families at own expense and who normally live in but who live out in the same circumstances as those shown in NPI 105/106 (3) may be paid, while living out in those circumstances, Oversea Living Out Allowance at the following rates:

Rank	Rate per day \$A
Captain .. .. .	17.31
Cdr; Cdr (SD) or relative rank or Lt Cdr; Lt Cdr (SD) or relative rank .. .. .	15.25
Lt; Lt (SD) or relative rank .. .. .	13.96
Sub-Lt; Sub-Lt (SD) or officer of relative or lower rank and sailors .. .. .	11.81

d. NPI 105/107 (Child Allowance).

The rates per day of Child Allowance for the first child and each other child are amended to read:

	USA	Canada
	Rate per day \$A	
First child .. .. .	1.89	1.67
Each other child .. .. .	1.67	1.48

e. NPI 105/117 is omitted and the following instruction inserted in its stead:

NPI 105/117—Rental Allowance.

- (1) Subject to the provisions of this instruction and NPI 105/118 and 105/119 the allowance will be payable to a married accompanied member and a member other than a married member posted for long term duty to and living out in the USA or Canada and renting furnished accommodation of a premanent nature. In calculating the rates of allowance payable the member will firstly be required to pay the Australian rent 'norm'. For purpose of assessment the 'Scale of Normal Living Costs' in Australia is shown in Instruction 105/312.
- (2) The Department will then reimburse the additional rental above the appropriate contribution figure under the preceding paragraph up to a maximum of the difference between that figure and the appropriate figure specified in the following table:

Rank	Amounts shown in \$US or \$CAN as appropriate per month					Canada
	Categ'y	USA				
		San F'cisco	New York	Los Angeles	Else-where	
Sub Lt; Sub Lt (SD) or officer of relative or lower rank and sailors	(a)	340	375	375	330	300
	(b)	260	275	275	250	230
Lt; Lt (SD) or relative rank	(a)	375	400	400	345	325
	(b)	275	300	300	275	250
Lt-Cdr, Lt-Cdr (SD) or relative rank; Cdr; Cdr (SD) or relative rank	(a)	430	475	450	380	380
	(b)	350	370	350	300	300
Captain	(a)	475	525	500	425	420
	(b)	400	420	400	350	350
Commodore and above	(a)	..	..	..	470	..
	(b)	..	..	..	400	..

Note: For the purpose of the above table, group (a) rates apply in respect of a married accompanied member and group (b) rates in respect of a member other than a married member.

(3) The maximum departmental contribution calculated on the basis of the table in the preceding paragraph may be increased by \$US15 per month (members serving in USA) and by \$Can15 per month (members serving in Canada) as applicable for each dependent child maintained by the member at the oversea place of duty.

(4) The maximum departmental contribution shown in Paragraphs (2) and (3) above may be further increased by \$US30 per month for members serving in USA who are in receipt of Representation Allowance of at least \$A750 per year.

(5) If the actual rental payable by the member exceeds the figures set out as appropriate in the three preceding Paragraphs, the member is required to meet the first \$Can10 or \$US10, as appropriate, per month of the excess and any balance still remaining may be shared equally by the member and the department. The admission of any additional liability under this provision is conditional upon the Head of Mission certifying that the total rental level involved is reasonable having regard firstly to the members status and accommodation needs, and secondly, to the availability and rental levels of accommodation generally.

(6) If a member is involved in substantial rental payments at the post and hardship results, the Departmental portion of the excess rental element of advance rental payments in excess of one months rent will be reimbursed immediately upon production of receipts. Approval may be given to payment of an advance against security deposits in cases of proven hardship, even though these may be designated as the final months rent on the basis of advice of the Chief Finance Officer, New York. This advance may be paid initially for a period of up to six months, but may be subject to a further maximum extension of six months if hardship is still clearly demonstrable.

(7) If it is necessary for members to lease unfurnished or partly furnished accommodation, the cost of hiring necessary items of furniture and equipment may be included in the calculation of Rent Allowance, provided the combined rental on the accommodation and furniture does not exceed the appropriate Rent Allowance which would otherwise be paid for furnished accommodation. The items of furniture and equipment hired should be within the equivalent of the standard set out in the 'Commonwealth Service Determinations Relating to Overseas Service', Part 5, Section D and Schedule K, issued by the Public Service Board, and will be determined on advice of the Chief Finance Officer, New York, as follows:

- (a) ANA Washington .. .. . Group 3
- (b) Married accompanied members (other than ANA Washington) .. .. . Group 4
- (c) Members other than married accompanied members (other than ANA Washington) .. .. . Group 5

(8) Members required to incur delivery costs on the hire of furniture for unfurnished or partly furnished accommodation may be reimbursed such costs up to a maximum of \$US25 (members serving in USA) or \$Can25 (members serving in Canada) as appropriate.

f. **NPI 105/118** is omitted and the following instruction inserted in its stead:

**NPI 105/118—Cost of Heating and Other Services.** Where the rent paid includes the costs of heating and/or water, and the actual costs of these services cannot be isolated, actual rental is to be reduced by the following amounts and the rental assistance calculated on the resultant net figure:

	USA and Canada (\$US or \$Can as appropriate)				
	Sub-Lt	Lieut	Lt-Cdr Comdr	Capt	Cdre
	USA				
<i>Married accompanied member</i>					
Heating .. .. .	19	21	22	23	25
Water .. .. .	3	3	4	4	5
Heating and Water .. .. .	22	24	26	27	30
<i>Member other than married</i>					
Heating .. .. .	13	15	16	17	19
Water .. .. .	2	3	3	3	4
Heating and Water .. .. .	15	18	19	20	23

	USA and Canada (\$US or \$Can as appropriate)				
	Sub-Lt	Lieut	Lt-Cdr Comdr	Capt	Cdre
	CANADA				
<i>Married accompanied member</i>					
Heating .. .. .	16	18	19	20	22
Water .. .. .	3	3	4	4	5
Heating and Water .. .. .	19	21	23	24	27
<i>Member other than married</i>					
Heating .. .. .	12	14	15	16	18
Water .. .. .	2	3	3	3	4
Heating and Water .. .. .	14	17	18	19	22

g. **NPI 105/131.**

(1) The table in Paragraph (2) is omitted and the following inserted in its stead:

Country	Marital Status	Category	Rate per day per Group—\$A				
			1	2	3	4	5
United States of America	Married Un-accompanied	(a) (f)	4.27	5.86	6.41	6.99	9.07
Canada	Married Un-accompanied	(a) (f)	3.43	4.41	4.77	5.15	6.79

(2) Paragraph 4 is omitted and the following inserted in its stead:

'Where a member serves in New York, San Francisco or Los Angeles the rates payable will be advised on application to Navy Office.'

## h. NPI 105/151.

(1) The table in Paragraph 1 is omitted and the following inserted in its stead:

Country	Marital Status	Category	Rate per day per Group—\$A				
			1	2	3	4	5
United States of America	Other than Married	(a) (g)	4.85	6.44	6.98	7.56	8.52
Canada	Other than Married	(a) (g)	4.00	4.98	5.34	5.72	6.25

(2) The amount in Paragraph (2) is increased from \$398 to \$409 per year.

(3) Paragraph 4 is omitted and the following inserted in its stead:

'Where a member serves in New York, San Francisco or Los Angeles the rates payable will be advised on application to Navy Office.'

## i. NPI 105/165.

(1) The table in Paragraph 1 is omitted and the following inserted in its stead:

Country	Marital Status	Category	Rate per day per Group—\$A				
			1	2	3	4	5
United States of America	Married Member	(a) (h)	3.73	5.32	5.86	6.44	8.52
Canada	Married Member	(a) (h)	2.88	3.86	4.22	4.60	6.25

(2) Paragraph (3) is omitted and the following inserted in its stead:

'Where a member serves in New York, San Francisco or Los Angeles the rates payable will be advised on application to Navy Office.'

2. The relevant Naval Pay Instructions should be noted pending amendment in due course.

(HPB 252/1/105)

## UNCLASSIFIED

## 527—Removal of Washing Machines to HMAS TARANGAU

1. At the moment almost half of the residences located in HMAS TARANGAU are furnished with washing machines and many married members posted to this establishment will not necessarily require to have their washing machines removed with them in accordance with the provisions of NPI 231/5A (5).

2. Accordingly, to ensure washing machines are not moved to the area unnecessarily when a married accompanied member is posted and granted a removal to HMAS TARANGAU, NOIC NEW GUINEA, when advising the Administrative Authority responsible for the removal that suitable accommodation is available in the area (NPI 231/5A (1) refers), will indicate whether this member will or will not require to have his washing machine removed to the area.

3. In the future the provisions of NPI 231/5A (5) relating to washing machines will only apply to married accompanied members posted to HMAS TARANGAU and allocated residences which are not furnished with washing machines.

4. NPI 231/5A (5) should be noted pending amendment.

(HPB 252/4/93)

## UNCLASSIFIED

## 528—Travelling Allowance

1. When assessing the rate of Travelling Allowance to be paid to a member after 21 days continuous residence on detached duty in the same town/city the maximum rate of allowance included for laundry in normal circumstances and in district allowance localities has been increased with effect from 24 April 1968.

2. Accordingly, the laundry element shown in NPI 201/3 (1)(a) has been varied to 'up to \$2 per week' and the laundry element shown in NPI 201/3 (1)(b) has been varied as follows:

District Allowance Grading	Laundry (per week)
Locality graded 1 or 2 .. .. .	.. up to \$2.75
Locality graded 3 or 4 .. .. .	.. up to \$3.00
Locality graded 5 or 6 .. .. .	.. up to \$3.25
Locality graded 7 .. .. .	.. up to \$3.75

3. NPI should be noted appropriately pending amendment in due course.

(HPB 465/4/438)

## Section 4

## EQUIPMENT, STORES AND SERVICING

## UNCLASSIFIED

## 529—Alteration and Addition Item—Type 12 Destroyer Escorts

Navy Order 343 of 1968 is to be amended as follows:

Add to b. references: (4) HMAS YARRAs Form AS 1182, TDL 'YS' dated 10 July 1967, forwarded under cover of FOCAF Memorandum dated 22 August 1967.

(CNTS 1224/72/203)

(Navy Order 343 of 1968)

## UNCLASSIFIED

## 530—Ammunition—Cartridges Power—Aircraft—Cartridge Cable Cutter No 2 Mark 1—Introduction into Service

1. *Item* .. .. . The following store is hereby introduced into Naval service:  
369021—Cartridge.  
Cable Cutter No 2 Mark 1.
2. *Aircraft applicability* .. .. Scout AH Mark 1 (Scout MOD 5041).
3. *Use* .. .. . The cartridge is used to actuate the cable cutter in the hoist in an emergency.
4. *Description* .. .. . The cartridge is of French design and manufacture, and supplies now coming forward from United Kingdom are subjected to DGW (N) inspection and acceptance. It has a stainless steel body, threaded at one end to fit the cable cutter breech and at the opposite end a steel stud and lock nut to take a terminal connection. It is fitted with 0.4 grammes of gunpowder and is electrically fired.
5. *Information* .. .. . This type of cartridge first entered service already fitted in cable cutters. Such cartridges assembled to hoists had not been inspected or accepted by DGW (N). Instructions were issued in ACNB Message 030149Z JUNE 1965 that any such cartridges held should be set aside on board.
6. *Life of DGW (N) inspected and accepted cartridges* .. .. . Shelf Life—3 years.  
Installed Life—52 weeks (plus 4 weeks to allow for opportunity servicing).

7. *Classification* .. .. . Group 6, Category X (Safety Class).
8. *Allowances* .. .. . Two cartridges per helicopter embarked.
9. *Packaging* .. .. . One cartridge enveloped in 0.020 in (minimum) heat-sealed polythene in a cylinder A 520; four cylinders per box H3.
10. *Action with non-DGW (N) inspected cartridges* .. .. . Cartridges set aside on board in accordance with ACNB Message 030149Z June 1965 are to be returned to nearest RAN Armament Depot for disposal quoting this Order as authority. All such cartridges have been filled prior to September 1965.
11. *RAN Armament Depots* .. .. . Cartridges returned by HMA ships and establishments under Paragraph 10 above, should be reported for disposal.
12. *Accounting* .. .. . The two hyphens added to the store reference number denotes that two extra digits will be added to indicate the year of filling. Service users should demand and account for these stores under the first six digits only.
13. Navy Order 640 of 1966 is hereby cancelled.

(DAS 727/251/66)

(Navy Order 640 of 1966)

## UNCLASSIFIED

## 531—Ammunition—Cartridges QF 40 mm Break-up Shot—Gauging Before Use and Precautions

1. Quantities of QF 40 mm break-up shot, Marks 10 and 10/1, have been found over-size and instances reported of shot found fractured round the cannellure or loose in the cartridge case. These defects are due to the growing properties of plastics when in a humid atmosphere.

**Gauging Before Use**

2. HMA ships concerned are to arrange for 40 mm break-up shot, Marks 10 and 10/1, to be examined for fractures or looseness and gauged before firing. Gauge INO 13747 is to be used for this purpose and the whole shot including the driving band should pass through. Any rounds found defective are to be landed at the nearest Armament Depot and replacements drawn in lieu. One gauge per ship is allowed for ships using this ammunition.

**Precautions**

3. The lead filling of the shot leaves the barrel with a total energy comparable to that of an ordinary shell and though it very soon loses its initial velocity, at very close range it is capable of inflicting serious damage to anything in its way and especially, of course, to personnel. The greatest care must therefore be taken to ensure that the gun does not fire into own ships structure or personnel. A clear range of at least 100 yds at 15° from the muzzle is necessary. Firing at 'live' targets must not be continued when the range becomes less than 200 yds.



4. Break-up shot rounds, filled FNH/P022, have been found to give erratic break-up of the projectile and large splinters, together with unmelted pellets, may be accompanied by occurrence of black smoke instead of yellow-tinged smoke which occurs when fragmentation of the projectile is normal. As splinters and pellets can be injurious for a considerable range, a clear range of 500 yds is to be allowed when using shot filled with this propellant.

5. To safeguard guns crews and others from the dangers of absorbing the lead dust that is formed when the shot disintegrates, the following rules must be observed:

- a. Firing is never to be carried out on such a bearing that the smoke blows back over personnel; and
- b. should smoke blow back over personnel during firing, fire is to be checked.

It is, however, only continuous or repeated exposure to absorption that is dangerous to personnel.

6. It has been found that the use of break-up shot increases the rate of barrel wear and causes uneven wear. A pool of Mark 1 barrels for practice firings with break-up shot has been provided in the RAN and whenever possible HMA ships, should obtain barrels from this pool. However, when ships are operating off the Australia Station or when it is desired to fire twin gun units, a maximum of 200 rounds of break-up shot per barrel may be fired. One round of break-up shot is to be assessed as three equivalent full charges. Separate arrangements have been made for firing of break-up shot at training establishments.

7. When break-up shot is damaged in loading so as to spill debris, it is essential in order to avoid subsequent damage to the gun, to strip down the gun to ensure that all traces of debris have been completely removed from the mechanism.

8. Navy Order 443 of 1965 is hereby cancelled.

(DAS 726/66/75)

(Navy Order 443 of 1965)

## RESTRICTED

### 532—Ammunition—Cartridges 40 mm—Prevention of Corrosion

1. Where 40 mm cartridges are stowed in letter box racks for a long period, corrosion is likely to occur unless the provisions laid down in BR 1057/1953 are complied with.

2. Chapter 1, Paragraphs 17 and 18. Ammunition should be lightly greased with LG380. Where ammunition is kept on the mounting or in exposed ready use positions, 12 rounds should be fired from each gun every eight weeks (where practicable) or more frequently if the appearance of the ammunition gives cause to doubt its serviceability.

3. If the proof is not correct, all ammunition that has been on the mounting as long as that which has failed should be removed and returned at the earliest opportunity to the nearest Naval Armament Depot for examination.

(DWE 726/66/95)

## UNCLASSIFIED

### 533—Ammunition—Primers Electric and Percussion No 14 Mark 5—Withdrawal

*Item* .. .. . Primers Electric and Percussion No 14 Mark 5 RL Lot 16 W3-40, for cartridges 4 in Mark 16\* and 21 guns.

*Reason for action* .. .. . A primer of this lot was found during proof to have a split magazine and primers of this lot have been sentenced 'Unserviceable DD dangerous' if used.

#### Action to be taken:

a. *By HMA Ships and Establishments* Cartridges fitted with this lot of primer and any loose primers held are to be returned to the nearest Naval Armament Depot and replacements demanded.

b. *By RAN Armament Depots* .. All stocks and subsequent receipts of primers of this lot are to be reported for disposal.

*Safety Category* .. .. . BR 862 Article 2607, Category 'DD'.

(ACNB Message 190239Z October 1967 is hereby cancelled)

(DAS 725/52/203)

## UNCLASSIFIED

### 534—Ammunition—Propellant—Landing—Destruction—Reports

(DCI (RN) 531/1968)

1. Propellant of the following lots is due for withdrawal having reached age limits:

<i>Propellant Lots Affected</i>	<i>Type</i>	<i>Nature of Ammunition Which may be Involved</i>
RNC 4832 ..	.. SC/Z 008	.. Cartridges: QF 4 in (FA), 4.5 in (SL)
RNC 4862 ..	.. } SC 048	.. Cartridges: QF 4 in (FA)
RNC 4863 ..	.. }	
RNC 4864 ..	.. }	
RNC 4838 ..	.. } SC 061	.. Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNC 4868 ..	.. }	
RNC 4875 ..	.. }	
RNC 4874 ..	.. } SC 103	.. Cartridges: QF 4.5 in (SL), QF 4 in
RNC 4891 ..	.. }	

Propellant Lots Affected	Type	Nature of Ammunition Which may be Involved
RNC 4835 ..	.. SC 140	.. Cartridges: Impulse Torpedo
RNC 4855R	.. NF 029	.. Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNC 4829 ..	.. } NF 042	.. Cartridges: QF 4 in, QF 4.5 in (SL)
RNC 4856 ..		
RNC 4872 ..		
RNC 4882 ..		
RNC 4843 ..	.. } NF/S 168-048	.. Cartridges: QF 4.5 in (SL)
RNC 4854 ..		
RNC 4825 ..	.. } HSCK/T 134-055	Cartridges: SQUID, A/S Mortar
RNC 4826 ..		
RNC 4839 ..		
RNC 4865 ..		
RNC 4866 ..		
RNC 4876 ..		
RNC 4894 ..		
RNP 749 ..	.. SC 048	.. Cartridges: QF 4 in (FA)
RNP 769 ..	.. SC 061	.. Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNP 747 ..	.. } SC 103	.. Cartridges: QF 4.5 in (SL), QF 4 in
RNP 748 ..		
RNP 767 ..		
RNP 745 ..	.. SC 140	.. Cartridges: Impulse Torpedo
RNP 742 ..	.. } NF 029	.. Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNP 758 ..		
RNP 762 ..		
RNP 777 ..		
RNP 919R ..		
RNP 760 ..	.. NF 042	.. Cartridges: QF 4 in, QF 4.5 in (SL)
RNP 756 ..	.. NF 052	.. Cartridges: QF 4 in (FA)
RNP 735 ..	.. } NF 059	.. Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNP 736 ..		
RNP 737 ..	.. NF 070	.. Cartridges: QF 4 in (FA)
RNP 738 ..	.. } NF/S 116-036	.. Cartridges: QF 4 in (FA)
RNP 759 ..		
RNP 776 ..		

Propellant Lots Affected	Type	Nature of Ammunition Which may be Involved
RNP 733 ..	.. NF/S 164-048	.. Cartridges: QF 4 in
RNP 775 ..	.. } NF/S 168-048	.. Cartridges: QF 4.5 in (SL)
RNP 916R ..		
RNP 918R ..	.. NF/S 198-054	.. Cartridges: QF 4.5 in (SL)
RNP 1675R	.. MNF/S 164-048	.. Cartridges: QF 4 in (FA)
RNP 698 ..	.. } HSCK/T 134-055	Cartridges: SQUID, A/S Mortar
RNP 743 ..		
RNP 780 ..		
MEC 161 ..	.. Se 048	.. Cartridges: QF 4 in (FA)
BS 20635 ..	.. SUK 17-0.6	.. Motors Rocket 2 in Flare
MEM 185 ..	.. } FNHP 022	.. Cartridges: QF 40/60
MEM 180 ..		

2. Action to be taken by HMA ships, establishments and proof ranges

Return to RAN armament depot as early as practicable, if unable to comply within three months from date of this order, report specially to DAS, NM and ER BR 862 Article 1126 refers.

3. Action to be taken at RAN armament depots

Declare for disposal. Propellant Acceptance List is to be amended.

(DAS 700/62/155)

#### UNCLASSIFIED

#### 535—Machinery—General— $\frac{1}{2}$ in Dewrance Yarway Impulse Steam Traps with Integral Strainer—Maintenance and Repair

(DCI (RN) 690/1967)

1. Although  $\frac{1}{2}$  in Dewrance Yarway Impulse Steam Traps, Adrefno 985-701232 are classified as permanent items and detailed maintenance instructions are given in BR 3001, Article 1115, it is becoming increasingly apparent that complete replacements are being demanded for steam traps which require only on-board maintenance or minor repairs.

2. In the majority of instances repair can be readily and effectively carried out by replacing the undermentioned spare parts which should be demanded from SMSO, Sydney:

<i>Adefno</i>	<i>Description</i>	<i>Quantity Required</i>
985-245240	Control cylinder complete with valve spindle and disc	.. 1
985-245010	Baffle	.. 1
985-029827	Seat	.. 1
985-245245	Screen	} strainer .. 1
985-245246	Screen casing	
5310-029546	Joint	.. 2

3. All steam traps which are beyond the capability of ships staff to repair should be returned without delay to SMSO through the normal channels in accordance with current instructions.

(DMS 1101/51/262)

UNCLASSIFIED

### 536—Nylon Clothing—Electrostatic Hazards

1. The foul weather suit, rainjackets, nylon, catalogue Nos 41675-7, trousers, nylon, catalogue Nos 42226-8 and the proofed nylon raincoat, catalogue Nos 22160-66 present an electrostatic hazard.

2. These garments are not to be worn by personnel handling electrically initiated explosive devices, AVGAS or MTGAS. Personnel who have been wearing such clothing and take it off prior to handling these items, must first carry out the standard drill (BR 862, Naval Magazine and Explosive Regulations—Article 0323 (5)) to disperse any charge that may remain on the clothing worn under the foul weather suit or raincoat.

3. The wearing of leather soled footwear which is conductive will also assist the discharge of electrostatic charges arising from the removal of this clothing.

4. This order will be reprinted for posting on Notice Boards.

5. Navy Order 420 of 1965 is hereby cancelled.

(D of V 917/90/176)

(Navy Order 420 of 1965)

UNCLASSIFIED

### 537—Stores (General) (Group Class 6105)—Motors, Electrical—Change of Stock Numbers

1. Navy Order 297 of 1968 is to be amended as follows:

<i>Old Stock No</i>			<i>New Stock No</i>	
<i>Group Class</i>	<i>Catalogue Number</i>	<i>Item Name</i>	<i>Group Class</i>	<i>Catalogue Number</i>
6105	00-349-7546	Screw	5310	66-026-5188

This now reads:

6105	00-349-7546	Screw	5305	66-026-5188
------	-------------	-------	------	-------------

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 1107/51/226)

(Navy Order 297 of 1968)

RESTRICTED

102

11

SECRET  
The following information is being furnished to you for your information only. It is not to be distributed outside your organization.

1. The following information is being furnished to you for your information only. It is not to be distributed outside your organization.

2. The following information is being furnished to you for your information only. It is not to be distributed outside your organization.

3. The following information is being furnished to you for your information only. It is not to be distributed outside your organization.

SECRET

SECRET - (When Filled) - (When Filled)

The following information is being furnished to you for your information only. It is not to be distributed outside your organization.

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6. The following information is being furnished to you for your information only. It is not to be distributed outside your organization.



# AUSTRALIAN NAVY ORDER

Navy Office, Canberra,  
3 October 1968.

The enclosed order is promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*A. Handau.*

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers in  
Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY

## Section 5

## BOOKS, CORRESPONDENCE, FORMS AND STATIONERY

## UNCLASSIFIED

## 538—Distribution of Magazines, Pamphlets and Amendments to Publications, Etc, During June 1968

1. The magazines, pamphlets and amendments to publications, etc, and SC Series contained in the Annex to this order, have been distributed to ships and Services during June 1968.

2. Copies of amendments referred to in the Annex to this order are available for supply to holders of personal copies of Books of Reference and Air Publications in accordance with Article 2517 (6) of ABR 4.

## ANNEX

## BR AMENDMENTS

BR No	Change No
BR 11 .. ..	Change 5
ABR 12 .. ..	Change 2
BR 125 .. ..	Suppt and New Entries No 10
BR 214 (3) .. ..	Change 3
BR 217 (3A) .. ..	Change 2
BR 217 (3B) .. ..	Change 3
BR 1750 (51) .. ..	AL 11
BR 1781 .. ..	Change 4
BR 2014A .. ..	Change 2
BR 2297 (1) .. ..	Change 6
BR 2297 (2) .. ..	Change 3
BR 2297 (3) .. ..	Change 4
BR 2297 (4) .. ..	Change 5
BR 2297 (6A) .. ..	Change 10
BR 2297 (10) .. ..	Change 9
BR 2326 .. ..	AL 24
BR 3000 .. ..	Change 15
BR 3330 .. ..	Change 8
FECO Part III .. ..	Change 1
FECO Part III .. ..	Change 2

## BOOKS, MAGAZINES AND PAMPHLETS

Publication	Date
Aeroplane .. ..	8.5.1968
Approach Vol 13 No 7 .. ..	January 1968
Approach Vol 13 No 8 .. ..	February 1968
Approach Vol 13 No 9 .. ..	March 1968
Approach Vol 13 No 10 .. ..	April 1968
Approach Vol 13 No 11 .. ..	May 1968
HMSO List of Government Publications .. ..	March 1968
Journal of Naval Engineering Vol 17 No 2 .. ..	December 1967

## SIGNAL CORRECTION

ACP No	Correction No
ACO 121D .. ..	Change 1

## AMENDMENTS TO AIR PUBLICATIONS

AP No	AL or Leaflet
101A-1104-1 .. ..	AL 10
107D-0201-1 .. ..	AL 1 and 2
109A-0001-5 .. ..	AL 36 and 37
109A-0002-1 .. ..	AL 133
109A-0001-2 .. ..	(AL 1153)-B 750 (Alt 1)
	(AL 1158)-B 732 (Alt 1)
	(AL 1159)-B 769
	(AL 1160)-B 770
	(AL 1161)-B 730 (Alt 1)
	(AL 1130)-B 749
	(AL 1133)-B 752
	(AL 1134)-B 753
109B-0102-1 .. ..	AL 15
112P-0001-1 .. ..	AL 9
113F-1001-1 .. ..	AL 1
116D-0102-6A .. ..	AL 23
116D-0106-3A (N) .. ..	AL 11
116D-0102-1A .. ..	AL 23
116D-0102-2 .. ..	(AL 19)-B 11
116B-0102-3ACD .. ..	AL 7
116G-0601-6 .. ..	AL (RAN) 1
119A-0600-1 .. ..	AL 85
119F-2309-16 .. ..	AL 1
830 Vol 2 (2nd Edition) .. ..	AL 82
1086 (1966) Section 14A .. ..	AL 1
1086 Book 1 .. ..	AL 45 (49 with cover labels)
1086 Book 4 Part 4 .. ..	AL 109
1181 Vol 2 .. ..	(AL 222)-B 159 (Canc)
1181C Vol 6 Parts 2, 3 and 4 .. ..	AL 53
1182 (N) Vol 2 .. ..	(AL 232)-G 50
	(AL 233)-G 51
	(AL 235)-G 52
	(AL 239)-G 53
1182 (DN) Vol 1 .. ..	AIL 1/68
1234D Vol 4 .. ..	AL 6 (with corrigendum) 7, 8 and 9
1275A Vol 1 Section 22 .. ..	AIL 2/67
1275A Vol 1 Section 16 .. ..	AL 102
1275A Vol 1 Section 13 .. ..	AL 87 and 88
1275A Vol 1 Section 14 .. ..	AL 15
1275A Vol 1 Section 24 .. ..	AL 136
1275A Vol 3 Part 1 (N) Book 1 .. ..	AL 22 and 23
1275B Vol 1 Section 14 .. ..	AL 12
1275B Vol 3 Part 1 (N) .. ..	AL 9
1275B Vol 1 Section 18A .. ..	AL 18
1275G Vol 2 Part 1 .. ..	(AL 211)-Z 12 (Alt 1 Incp)

## AMENDMENTS TO AIR PUBLICATIONS—continued

AP No	AL or Leaflet
1275G Vol 2 Part 1 .. ..	(AL 212)-Z 24
1275G Vol 1 Part 2 .. ..	AIL 1/68
1275G Vol 3 Part 1 (N) .. ..	AL 6
1275T Vol 1 Section 6 .. ..	AIL 1/67
1275T Vol 2 Part 1 .. ..	60-C 14
1355D Vol 4 Part 6 (2nd Edition) .. ..	AL 3
1374E Vol 1 .. ..	AL 18
1374G Vol 1 .. ..	AIL 1/67
1469 Vol 3 Part 1 (N) .. ..	AL 10, 11 and 12
1492A Vol 1 .. ..	AIL 3/67
	AIL 4/67
1942 Vol 2 .. ..	(AL 54)-B 12
	(AL 57)-D 26
1641F Vol 1 Part 2 and Vol 5 .. ..	AL 22
1641P Vol 1 Parts 1 and 3 .. ..	AL 31 and 34
1641P Vols 1 and 5 Part 2 .. ..	AL 83
1661C Vol 1 (2nd Edition) .. ..	AL 108
1661E Vol 1 .. ..	AL 158
1661F Vol 1 .. ..	AL 164, 166, 167, 168 and 173
1664A Vol 1 Book 1 (2nd Edition) .. ..	AL 71
1664A Vol 2 .. ..	AL 1D39
1664A Vol 2 Part 3 Book 1 (2nd Edition) .. ..	AL 110
1664A Vol 1 Book 1 .. ..	AL 72, 73, 75 and 76
1664A Vol 1 Book 2 .. ..	AL 57
1664D Vol 5 .. ..	AL 4 and 7
1803 Vol 2 Part 1 .. ..	Leaflet U 84
1803B Vol 1 Book 1 .. ..	AL 17
1803C Vol 1 .. ..	AL 65
1803D Vol 2 Part 3 .. ..	AL 293
1803D Vol 1 Book 1 .. ..	AL 101
1803D Vol 1 Book 2 .. ..	AIL 1/67
1803D Vol 1 Book 4 .. ..	AL 134
1803D Vol 2 .. ..	AL 266
1803F Vol 1 Book 1 .. ..	AL 67
1803P Vol 1 .. ..	AL 166
1803S Vol 1 Book 2 .. ..	AL 73
1803T Vol 1 Book 2 .. ..	AL 46
1803U Vol 1 Book 5 .. ..	AL 74
2337 Vol 1 Book 1 .. ..	AL 97, 105 and 109
2487AB Vol 2 .. ..	(AL 37)-B 29
	(AL 40)-B 13 (Alt 1)
	(AL 35)-B 27
2528P Vol 2 .. ..	AL (RAN) 1
2530M Vol 2 .. ..	(AL 36)-B 21 (Alt 2)
2543N Vol 5 Part 6 (N) Issue 1 .. ..	AL 15
2662B (Now AP 101A-0600-6) .. ..	AIL 1/67
2802A Vol 1 .. ..	AL 88, 89 and 91
2802A Vol 1 Parts 1 and 3 .. ..	AL 92
2887N Vol 2 .. ..	(AL 136)-B 57 (Alt 1)
	(AL 137)-B 83 (Alt 1)
2912K Vol 2 .. ..	Leaflet (AL 61)-B 51

## AMENDMENTS TO AIR PUBLICATIONS—continued

AP No	AL or Leaflet
3042A Book 1 .. ..	AL 15
3358 .. ..	AL 27
4117B Vols 1 and 6 Book 1 .. ..	AL 31
4121B and C Vol 2 .. ..	AL 90
4306A .. ..	AL 65
4340 Vol 1 Book 1 .. ..	AL (RAN) 1
4340 Vol 4 Part 6 .. ..	AL 3
4340 Vol 1 Book 2 .. ..	AL 122
4343 Vol 4 Part 1 (1st Edition) .. ..	AL 13
4343 Vol 1 .. ..	AL 217
4343A Vol 1 .. ..	AL 155 and 156
4343A Vol 2 .. ..	(AL 205)-B 62
4343A Vol 6 .. ..	AL 35
4343A Vol 3 Part 1 (N) .. ..	AL 15
4343B Vol 1 Book 1 .. ..	AL 51
4343B Vol 1 Book 2 .. ..	AL 98
4343B Vol 1 Book 3 .. ..	AL 95 and 97
4343B Vol 3 Part 1 (N) .. ..	AL 25
4343B Vol 6 .. ..	AL 52 and 54
4343C Vol 1 Book 1 .. ..	AL 114
4343C Vol 1 Book 2 .. ..	AIL 1/68
4343C Vol 1 Book 3 .. ..	AL 69
4343C Vol 6 .. ..	AL 31
4343C Vol 1 Section 3 Book 2 .. ..	AL 182
4343C Vol 1 Book 3 .. ..	AL 66
4343D Vol 1 Book 5 .. ..	AL 118
4343D Vol 1 Book 1 .. ..	AL 27 and 29
4343D Vol 6 Book 4 .. ..	AL 118
4343D Vol 6 Book 5 .. ..	AL 115
4343D Vol 1 Book 2 .. ..	AL 74
4343E Vol 1 Book 1 .. ..	AL 227
4343E Vol 1 Book 2 .. ..	AL 214
4343E Vol 6 .. ..	AL 19
4343E Vol 1 Book 3 .. ..	AL 218
4343E Vol 1 Book 4 .. ..	AL 247
4343G Vol 2 .. ..	(AL 20)-Z 6
4343G Vol 1 .. ..	AL 90
4343H Vol 1 .. ..	AL 2
4343J Vol 1 .. ..	AL 13 and 14
4343S Vol 1 .. ..	AL 145
4343S Vol 1 Book 4 .. ..	AL 170
4343X Vol 1 Book 1 .. ..	AL 80
4360C Vol 2 .. ..	AL 2
4597B Vol 3 Part 1 .. ..	AL 8
4677A and B Vol 2 .. ..	(AL 29)-B 22
4717A Vols 1 and 6 .. ..	AL 15
4723ML .. ..	AL 21
4758B and E Vol 3 Part 1 .. ..	AL 5
4758A and B Vol 2 .. ..	(AL 65)-L 5
4837AA Vol 2 .. ..	Leaflet (AL 21)-A 1
	(AL 22)-A 2

## AMENDMENTS TO AIR PUBLICATIONS—continued

AP No	AL or Leaflet
AP (N) 1 .. ..	AL 53, 54 and 55 (with erratum)
AP (N) 1024 Vol 4 Part 6 Issue 2 ..	AIL 1/67
(RAN) 8 Vol 1 Book 2 Issue 2 Incorp ..	AL 57, 62 and 66
AD/MINS 142, 143, 144 and 145 ..	..
(RAN) 8 Vol 1 Book 6 ..	AL 33
(RAN) 8 Vol 1 Book 8 ..	AL 16
(RAN) 8 Vol 2 Books 1 and 2 ..	AL 37 and 38
	AIL 39
(RAN) 8 Vol 2 Book 2 ..	AL 147
(RAN) 8 Vol 6 Part 1 ..	AIL 7
(RAN) 8 Vol 6 Part 2 ..	AL 60 and 62
	AIL (RAN) 3
(RAN) 8 Vol 3 Part 1 Book 2 ..	AIL (RAN) 5
(RAN) 9A Vol 1 ..	AIL (RAN) 11
(RAN) 9AB Vol 2 ..	AIL 9
	Transmittal Letter No 64 and 66
(RAN) 9B Vol 3 Part 1 ..	AL 2
(RAN) 9B Vol 6 Part 1 ..	AIL (RAN) 1
(RAN) 10 Crews Notes ..	AIL 40
(RAN) 10 Vol 1 Book 1 ..	AIL 12 and 13
(RAN) 10 Vol 2 Book 1 ..	AL 20
(RAN) 10 Vol 1 Book 4 ..	AIL 11
(RAN) 15 ..	AL 3
(RAN) 18 ..	AL 8
(RAN) 19 Vol 1 Book 2 ..	AL 16 and 17
(RAN) 19 Vol 2 Book 1 ..	AL 27
(RAN) 19 Vol 6 Book 3 (with attach) ..	AL 3
TM 55-2840-214-40 ..	..
(RAN) 19 Vol 6 Book 1 ..	AL 11
(RAN) 28 ..	AL 5
(RAN) 30 Vols 1, 3 and 6 ..	AL 6
(RAN) 42 Vol 2 ..	AL 1
(RAN) 100 Vol 2 Book 3 ..	AL 3
(RAN) 100 Vol 2 Book 4 ..	AL 1
(RAN) 600.2.1.1.2 ..	AL 2, 3 and 6
(RAN) 600 Vol 2 ..	AL 5
AAP 711.54 Vol 2 Parts 1 and 2 ..	AL 63, 84, 85, 86 and 88
AAP 711.54 Vol 6 Part 1 ..	AL 8
AAP 751.00 Vol 2 Parts 1 and 2 ..	AL 44, 47, 50 and 52
AAP 751.62 Vols 1 and 6 ..	AL 18
AAP 751.00 Vol 2 Part 2 ..	AL 48
AAP 744.00 Vol 2 Parts 1 and 2 ..	AL 92, 91 and 85
AAP 721.65 Vol 4 Part 6 Issue 2 ..	AL 7
AAP 721.65 Vol 2 Part 1 ..	AL 48
AAP 721.65 Vol 2 Part 2 ..	AL 214 and 217
AAP 721.79 Vol 2 Part 2 ..	AL 359 and 360
AAP 721.2 Vol 4 Part 1 ..	AL 20, 22 and 23
AAP 721.2 Vol 4 Part 2 ..	AL 11
AAP 721.2 Vol 6 Parts 1, 2, 3 and 4 ..	AL 20
AAP 741.00 Vol 2 Parts 1 and 2 ..	AL 120, 121, 123 and 124
AAP 741.41 Vols 1 and 6 ..	AL 12

## AMENDMENTS TO AIR PUBLICATIONS—continued

AP No	AL or Leaflet
AAP 742.11 Vols 1 and 6 ..	AL 19
AAP 742.00 Vol 2 Parts 1 and 2 ..	AL 74, 75 and 76
AAP 745.00 Vol 2 Parts 1 and 2 ..	AL 82 and 83
AAP 702.50 Vol 2 Part 1 ..	AL 8, 9 and 10
AAP 702.1 ..	AL 189, 190, 191, 192, 193, 195, 197 and 199
AAP 703.2 ..	AL 16
AAP 730.30 ..	AL 20
AAP 997.206 Stage 2 ..	AL 3
AAP 997.206 Stage 3 ..	AL 4
AAP 121 ..	AL 38
AAP 316 (2nd Edition) ..	AL 158
AAP 69 ..	AL 14
AAP 28 (16.11.67) ..	AL 13
AAP 897 ..	AL 23, 24 and 25
AAP 1127 ..	AL 2
AAP 1125 Vol 2 ..	AL 4
AAP 4010 6th Edition ..	AL 11 and 12
AAP 1730 6th Edition ..	AL 7
AAP 8010 8th Edition ..	AL 12
AAP 5820 ..	AL 17
AAP 5831 8th Edition ..	AL 11
AAP Group F14C 9th Edition ..	AL 11
AAP 2 711.54 Vol 2 Parts 1 and 2 ..	AL 63, 84, 85, 87 and 88
AAP 2 Group DIA 11th Edition ..	AL 10
AAP 2 Group W21F 13th Edition ..	AL 7
AAP 2 Group W4C 12th Edition ..	AL 69 and 70
AAP 2 GCC Section D1A 11th Edition ..	AL 12
AAP 2 GCC Group F Section 14A 15th Edition ..	AL 8 and 9
AAP 2 GCC Group K4 19th Edition ..	AL 13 (with erratum loose)
AAP 2 GCC B16 2nd Edition ..	AL 4, 5, 6, 8 and 9
AAP 2 GCC 1010 2nd Edition ..	AL 4
AAP 2 GCC I Section 15D 6th Edition ..	..
AAP 2 GCC A65 8th Edition ..	AL 6 and 7
AAP 2 GCC PL 8th Edition ..	AL 14
AAP 2 GCC A65 8th Edition Books 1 and 5 ..	..
AAP 2 GCC Section 14C 9th Edition ..	AL 13
AAP 2 GCC 721.65 Vol 2 Part 1 ..	AL 48
AAP 2 GCC 721.65 Vol 2 Part 2 ..	AL 214, 217, 219 and 220
AAP 2 GCC 702.1 Part 1 Section 1 ..	AL 202
AAP 2 GCC 711.54 Vol 2 Parts 1 and 2 ..	AL 87 and 89
AAP 2 GCC 742.00 Vol 2 Parts 1 and 2 ..	AL 78 and 81
AAP 2 GCC 720.11 Vol 1 ..	AL 17
AAP 2 GCC 745.00 Vol 2 Parts 1 and 2 ..	AL 85
AAP 2 GCC 751.52 Vols 1 and 6 Book 1 ..	AL 26
AAP 2 GCC 1125 Vol 1 ..	AL 3
AAP 2 GCC 1125 Vol 2 ..	AL 5
AAP 2 GCC 5930 10th Edition ..	AL 12, 13 and 15
AAP 2 GCC 5965 10th Edition ..	AL 9 and 10



## AMENDMENTS TO AIR PUBLICATIONS—continued

AP No	AL or Leaflet
AAP 2 GCC 6340 10th Edition	.. AL 10
AAP 2 GCC 6675 10th Edition	.. AL 8
AAP 2 GCC 5835 10th Edition	.. AL 13
AAP 2 GCC 5920 10th Edition	.. AL 7
AAP 2 GCC 5845 10th Edition	.. AL 8
AAP 2 GCC 5910 10th Edition	.. AL 20
AAP 2 GCC 5840 9th Edition	.. AL 12, 13 and 14
AAP 2 GCC 5940 9th Edition	.. AL 9 and 10
AAP 2 GCC 5977 9th Edition	.. AL 6
AAP 2 GCC 5805 9th Edition	.. AL 9 and 10
AAP 2 GCC 5820 9th Edition	.. AL 12, 13 and 17
AAP 2 GCC 5825 9th Edition	.. AL 13 and 14
AAP 2 GCC 5841 9th Edition	.. AL 11 and 12
AAP 2 GCC 5940 9th Edition	.. AL 10
AAP 2 GCC 5990 8th Edition	.. AL 12
AAP 2 GCC 5995 8th Edition	.. AL 16
AAP 2 GCC 5850 8th Edition	.. AL 6
AAP 2 GCC 5826 8th Edition	.. AL 14, 15 and 16
AAP 2 GCC 5895 8th Edition	.. AL 9, 10 and 11
AAP 2 GCC 5905 8th Edition	.. AL 19
AAP 2 GCC 5960 8th Edition	.. AL 41 and 42
AAP 2 GCC 5945 8th Edition	.. AL 10
AAP 2 GCC 5935 8th Edition	.. AL 15
AAP 2 GCC 5821 8th Edition	.. AL 33
AAP 2 GCC 5955 8th Edition	.. AL 16 and 19
AAP 2 GCC 5950 8th Edition	.. AL 10 and 13
AAP 2 GCC 6625 8th Edition	.. AL 12 and 13
AAP 2 GCC 8010 8th Edition	.. AL 12
AAP 2 GCC 6940 7th Edition	.. AL 8
AAP 2 GCC 5960 7th Edition	.. AL 37 and 38
AAP 2 GCC 5970 7th Edition	.. AL 10 and 11
AAP 2 GCC 6710 7th Edition	.. AL 9
AAP 2 GCC 5826 7th Edition	.. AL 11
AAP 2 GCC 5810 7th Edition	.. AL 9
AAP 2 GCC 6135 7th Edition	.. AL 7
AAP 2 GCC 5305 7th Edition	.. AL 23
AAP 2 GCC 5910 6th Edition	.. AL 17, 19 and 20
AAP 2 GCC 3695 6th Edition	.. AL 9
AAP 2 GCC 6655 6th Edition	.. AL 9
AAP 2 GCC 4010 6th Edition	.. AL 11, 12 and 13
AAP 2 GCC 1730 6th Edition	.. AL 7 and 8
AAP 2 GCC 5335 5th Edition	.. AL 7
AAP 2 GCC 1045 5th Edition	.. AL 7
AAP 2 GCC 4510 4th Edition	.. AL 9
AAP 2 GCC 6730 4th Edition	.. AL 9
AAP 2 GCC 3825 4th Edition	.. AL 7
AAP 2 GCC 6780 3rd Edition	.. AL 7 and 8
AAP 2 GCC 1015 3rd Edition	.. AL 5
AAP 2 GCC 5961 3rd Edition	.. AL 5 and 6
AAP 2 GCC 5985 11th Edition	.. AL 9, 10 and 14

## AMENDMENTS TO AIR PUBLICATIONS—continued

AP No	AL or Leaflet
AAP 2 GCC 5999 11th Edition	.. AL 10
AAP GCC 745.00 Vol 2 Parts 1 and 2	.. AL 83
AAP GCC 751.62 Vols 1 and 6	.. AL 18
AAP GCC 702.50 Vol 2 Part 1	.. AL 8, 9 and 10
AAP GCC 6675 10th Edition	.. AL 7
AAP GCC 5840 9th Edition	.. AL 15
AAP GCC 5935 8th Edition	.. AL 14
AAP GCC 5905 8th Edition	.. AL 16, 17 and 18
AAP GCC 5950 8th Edition	.. AL 7 and 8
AAP GCC 6625 8th Edition	.. AL 10 and 11
AAP GCC 5945 8th Edition	.. AL 9
AAP GCC 5955 8th Edition	.. AL 17
AAP GCC 5960 8th Edition	.. AL 40
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Total Vol. 1, 2, 3, 4  
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(Total 1000000)

~~REGISTER~~  
HISTORIAN

ANO's 539-572/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
3 October 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY

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## Section 4

## EQUIPMENT, STORES AND SERVICING

## UNCLASSIFIED

## 539—Naval Stores—Accounting—Change of Group Classes

1. From the date of this Navy Order, in order to rationalise the Group Classes for which RN Store Depot, Copenacre, is the Master Yard, the naval store Group Classes 0555, 0557, 0571, 0574 and 0575 will be designated 0655, 0657, 0671, 0674 and 0675 respectively.

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. Books of Reference, drawings and other instructions will be amended on revision.

(DSAP 517/51/1139)

## UNCLASSIFIED

## 540—Stores (General)—ABR 5074—RAN Catalogue of Stores—Group Classes—Various—Changes of Denomination of Quantity

1. The Denomination of Quantity of the undermentioned items has been changed as follows:

Group Class	Catalogue No	Old DQ	New DQ
0100	L54025	NO	FR
	L54158	CT	LB
0212	L66319	LB	FT
0216	L95560	NO	ST
	L95561	NO	ST
0221	102290-L1	FT	LN
	12190-L1	FT	LN
	121290-L2	FT	LN
	121545-L1	FT	LN
0232	L89808	ST	NO
	L89809	ST	NO
	L89810	ST	NO
	L89811	ST	NO
	L89812	ST	NO
	L89975	ST	NO
0241	L80930	NO	PR
	L81022	ST	NO
	L81025	NO	ST
	L81043	ST	NO
	L81068	ST	NO
0242	25280	NO	ST
	5752	NO	ST
0243	L80743	NO	ST
	L80744	NO	LB
	L80763	NO	PR

Group Class	Catalogue No	Old DQ	New DQ	
0243	72272	NO	ST	
0245	L80480	NO	FT	
	13771	FT	NO	
	1482	ST	NO	
0248	2524	ST	NO	
	2525	ST	NO	
	2526	ST	NO	
	2417	NO	ST	
0249	L50076	NO	DZ	
	L50142	NO	DZ	
	179	GS	PK	
	180	GS	PK	
	182	GS	PK	
	183	GS	PK	
	184	GS	PK	
	186	GS	PK	
	187	GS	PK	
	188	DZ	PK	
	0253	14520-L1	NO	ST
		974	RM	SH
	0257	257017	NO	ST
		257018	NO	ST
		941-1514	GS	NO
0262	L85121	NO	LB	
0264	L85459	NO	ST	
	L85790	NO	DZ	
	L87205	NO	DZ	
	L87206	NO	DZ	
	L87215	NO	DZ	
	L87261	NO	DZ	
	L87603	NO	DZ	
	L88019	NO	DZ	
	16021	PR	NO	
	941-1784	NO	DZ	
	941-1785	NO	DZ	
	941-1933	NO	DZ	
	941-1934	NO	DZ	
941-8116	DZ	NO		
941-8441	NO	DZ		
941-8442	NO	DZ		
0268	11030	DZ	NO	
0269	210028	ST	NO	
	210035	ST	NO	
0271	6701	NO	ST	
0272	L60448	NO	ST	
	L91500	NO	ST	
	L91505	NO	ST	
	L91510	NO	ST	
	L91515	NO	ST	
	L91521	NO	ST	
	L91532	NO	ST	
	L91535	NO	ST	

<i>Group Class</i>	<i>Catalogue No</i>	<i>Old DQ</i>	<i>New DQ</i>
0272	L91540	NO	ST
	L91542	NO	ST
	L91553	NO	ST
	L91561	NO	ST
	L91568	NO	ST
	10236	NO	ST
	2704	NO	ST
0273	L60608	NO	PR
	L60614	NO	PR
	14838	PR	NO
	16526	NO	PR
	910-4474	NO	ST
	910-4360	ST	PR
	910-4547	ST	NO
0274	L61522	NO	ST
	10087	NO	ST
	10089	NO	ST
	910-0089	NO	ST
0275	10167	NO	ST
	14690	NO	ST
0276	L40622	NO	ST
	L62644	NO	ST
	13297	ST	NO
0277	L63177	NO	ST
0278	16420	NO	ST
	16421	NO	ST
	16422	NO	ST
	16423	NO	ST
	16424	NO	ST
	16425	NO	ST
	278064	NO	ST
0282	L90380	NO	FT
	L90547	NO	FT
	L90549	NO	FT
	L90550	NO	FT
	L90714	NO	FT
	L90810	NO	FT
	L90834	NO	FT
	L91080	FT	LB
	L91082	FT	LB
	L91084	FT	LB
	L91086	FT	LB
	L91088	FT	LB
	L91250	FT	NO
	L91280	NO	ST
	9986	NO	FT
	9987	NO	FT
0283	L68668	NO	FT
	L69466	NO	LB
	L69692	NO	LB
0350	3240	CL	FM
	3241	CL	FM

<i>Group Class</i>	<i>Catalogue No</i>	<i>Old DQ</i>	<i>New DQ</i>
0350	3242	CL	FM
	3244	CL	FM
	3246	CL	FM
	3248	CL	FM
	3249	CL	FM
0413	L74859	NO	FT
0414	L75761	NO	FT
	L75762	NO	FT
	L75790	NO	FT
	L75791	NO	FT
	L75984	NO	LB
	L75987	SH	NO
	10801-L1	NO	FT
	10802-L1	NO	FT
	10804-L1	NO	FT
	10806-L1	NO	FT
	10807-L1	NO	FT
	10808-L1	NO	FT
	10809-L1	NO	FT
	10810-L1	NO	FT
	10811-L1	NO	FT
	10812-L1	NO	FT
	10813-L1	NO	FT
	10815-L1	NO	FT
	10816-L1	NO	FT
	10817-L1	NO	FT
	10818-L1	NO	FT
	10819-L1	NO	FT
	10820-L1	NO	FT
	10821-L1	NO	FT
	10822-L1	NO	FT
	10823-L1	NO	FT
	10824-L1	NO	FT
	10825-L1	NO	FT
	10826-L1	NO	FT
	10827-L1	NO	FT
	10828-L1	NO	FT
	10829-L1	NO	FT
	10830-L1	NO	FT
	10831-L1	NO	FT
	10833-L1	NO	FT
	10834-L1	NO	FT
	10835-L1	NO	FT
	10836-L1	NO	FT
	10837-L1	NO	FT
	10838-L1	NO	FT
	10839-L1	NO	FT
	10840-L1	NO	FT
	10841-L1	NO	FT
	10842-L1	NO	FT
	10843-L1	NO	FT
	10844-L1	NO	FT

Group Class	Catalogue No	Old DQ	New DQ
0414	10845-L1	NO	FT
	10846-L1	NO	FT
	10848-L1	NO	FT
	10849-L1	NO	FT
	10850-L1	NO	FT
	10851-L1	NO	FT
	10852-L1	NO	FT
	10853-L1	NO	FT
	10854-L1	NO	FT
	10855-L1	NO	FT
	10856-L1	NO	FT
	10857-L1	NO	FT
	10858-L1	NO	FT
	10859-L1	NO	FT
	10860-L1	NO	FT
	10861-L1	NO	FT
	10864-L1	NO	FT
	10865-L1	NO	FT
	10866-L1	NO	FT
	10878-L1	NO	FT
	2986	NO	SF
	2987	NO	SF
	2988	NO	SF
	7608	FT	LB
	7609	FT	LB
	7610	FT	LB
	7611	FT	LB
	7612	FT	LB
	7613	FT	LB
	7952	ST	NO
	7953	ST	NO
	7954	ST	NO
	7955	ST	NO
	7956	ST	NO
	923-1551	NO	FT
	923-1552	NO	FT
	923-1553	NO	FT
	923-1554	NO	FT
	923-1555	NO	FT
	923-1556	NO	FT
	923-1557	NO	FT
0415	L76971	SH	NO
	L76972	SH	NO
	L76987	SH	NO
	L77081	NO	CR
	L77133	CN	TI
	L77150	FT	NO
	L77151	FT	NO
	L77152	FT	NO
	10560	SH	NO
	10587	SH	NO
	5640	NO	ST

Group Class	Catalogue No	Old DQ	New DQ
0431	1527	ST	NO
0442	L58715	LB	PK
	L59472	GL	QT
	L59564	PT	TI
	L59586	PT	TI
	L59939	GL	TI
	10613	ST	PT
	10614	TI	PT
0461	L72293	RO	YD
	L72294	RO	YD
	L72300	RO	YD
	L72910	NO	PR
	14	DZ	NO
	4084	PR	NO
	5237	DZ	NO
	64	DZ	NO
0462	L73789	RM	QR
	L73925	RO	CT
	943-2404	SY	YD
0472	L56906	NO	ST
	L56965	NO	ST
	7521-L1	NO	ST
0473	4980	LB	DM
0474	L55049	LB	NO
	L56028	NO	ST
	L56032	NO	ST
	L56036	NO	ST
	474049	LB	TI
	474076	NO	PK
	7724	CT	LB
0475	4531	PT	GL
	6975	PT	GL
	6979	PT	GL
	910-0536	PT	GL
	910-0585	CN	GL
	942-7823	PT	GL
0476	L71113	LB	NO
	L71395	SH	NO
	2096	DZ	NO
	2097	DZ	NO
	2098	DZ	NO
	2100	DZ	NO
	2101	DZ	NO
	2102	DZ	NO
	2013	DZ	NO
	5	FR	FT
	500	FR	FT
	502	FR	FT
	508	FR	FT
	6	FR	FT
	7968	NO	LB
	8	FR	FT



2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual), Article 1812.

3. Change Sheets, detailing change action to be effected in the respective sections of ABR 5074, are in course of distribution.

(DSAP 465/52/1292)

#### UNCLASSIFIED

##### 541—Stores (General) (Group Class 0213)—Rivets—Steel Structural— Change of Catalogue Numbers

1. It has been advised by MOD (N) that the catalogue numbers of the undermentioned items have been changed, as follows:

<i>Old Catalogue Number</i>	<i>New Catalogue Number</i>	<i>Old Catalogue Number</i>	<i>New Catalogue Number</i>
30089	923-4091	30178	923-4140
30091	923-4092	30180	923-4141
30094	923-4093	30181	923-4142
30095	923-4094	30184	923-4143
30097	923-4096	30186	923-4144
30098	923-4097	30188	923-4145
30102	923-4099	30190	923-4147
30104	923-4100	30191	923-4148
30107	923-4101	30192	923-4149
30112	923-4102	30193	923-4150
30114	923-4103	30194	923-4151
30115	923-4104	30195	923-4152
30131	923-4108	30196	923-4153
30133	923-4110	30226	923-4155
30134	923-4111	30228	923-4156
30135	923-4112	30230	923-4157
30136	923-4113	30232	923-4158
30137	923-4114	30234	923-4159
30138	923-4115	30236	923-4160
30150	923-4776	30237	923-4161
30151	923-4117	30238	923-4162
30154	923-4120	30239	923-4163
30155	923-4121	30240	923-4164
30156	923-4122	30241	923-4165
30157	923-4123	30242	923-4166
30158	923-4124	30243	923-4167
30159	923-4125	30245	923-4169
30161	923-4127	30246	923-4170
30162	923-4128	30247	923-4171
30163	923-4129	30248	923-4172
30164	923-4130	30249	923-4173
30165	923-4131	30262	923-4177
30168	923-4132	30268	923-4180
30174	923-4136	30270	923-4181
30175	923-4137	30276	923-4184
30176	923-4138	30278	923-4185
30177	923-4139	30285	923-4189

<i>Old Catalogue Number</i>	<i>New Catalogue Number</i>	<i>Old Catalogue Number</i>	<i>New Catalogue Number</i>
30288	923-4190	31053	923-4236
30358	923-4197	31056	923-4239
30364	923-4199	31054	923-4237
30368	923-4200	31060	923-4240
30372	923-4201	31062	923-4242
30374	923-4202	31063	923-4243
30376	923-4203	31189	923-4254
30378	923-4204	31232	923-4255
30380	923-4205	30160	923-4126
30383	923-4206	30152	923-4118
31046	923-4232	30153	923-4119

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 505/61/296)

#### 542—Will Not Be Issued

#### UNCLASSIFIED

##### 543—Stores (General) (Group Class 0257)—Non-ferrous Fastenings— Change of Catalogue Numbers

1. It has been advised by MOD (N) that the catalogue numbers of the undermentioned items have been changed, as follows:

<i>Old Catalogue Number</i>	<i>New Catalogue Number</i>	<i>Old Catalogue Number</i>	<i>New Catalogue Number</i>
14732	923-5680	17735	923-2430
14733	923-5681	17736	923-0435
14734	923-5682	17737	923-0436
14735	923-5683	17738	923-0434
14736	923-5684	13064	923-5647
14737	923-5685	13065	923-5648
14738	923-5686	13066	923-5649
14739	923-5687	13067	923-5650
14740	923-5688	13068	923-5651
14741	923-5689	13069	923-5652
14742	923-5690	13070	923-5653
14745	923-5693	13071	923-5654
14746	923-5694	14710	923-5658
14747	923-5695	14711	923-5659
14748	923-5696	14712	923-5660
14749	923-5697	14713	923-5661
14750	923-5698	14714	923-5662
14753	923-5701	14715	923-5663
17732	923-0428	14716	923-5664
17733	923-0429	14717	923-5665
17734	923-0427	14718	923-5666

Old Catalogue Number	New Catalogue Number	Old Catalogue Number	New Catalogue Number
14719 ..	.. 923-5667	14730 ..	.. 923-5678
14720 ..	.. 923-5668	14731 ..	.. 923-5679
14723 ..	.. 923-5671	17739 ..	.. 923-0437
14727 ..	.. 923-5675	17740 ..	.. 923-0438
14728 ..	.. 923-5676	17741 ..	.. 923-0439
14729 ..	.. 923-5677		

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 506/51/410)

#### UNCLASSIFIED

##### 544—Stores (General) (Group Class 4010)—Chain and Wire Rope—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
4010	00-059-8363	Chain, bead .. ..	4010	00-875-8059
4010	00-240-2401	Chain, bead .. ..	4010	00-171-4506
4010	00-274-6814	Wire rope, steel .. ..	4010	00-272-8794
4010	00-274-6819	Wire rope, steel .. ..	4010	00-542-2258
4010	00-290-0001	Wire rope, steel .. ..	4240	00-285-9901
4010	00-684-0870	Chain, bead .. ..	4010	00-272-8812
4010	00-988-2643	Chain, bead .. ..	4010	00-272-8812

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 505/51/139)

#### UNCLASSIFIED

##### 545—Stores (General) (Group Class 4030)—Fittings for Rope, Cable and Chain—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
4030	00-162-7544	Shackle .. ..	4030	00-290-1388
4030	00-273-2877	Shackle .. ..	4030	00-162-9668
4030	00-282-0673	Shackle .. ..	4030	00-185-0489
4030	00-606-9337	Thimble, rope .. ..	4030	00-266-0066
4030	00-834-5607	Shackle .. ..	4030	00-149-5574

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 505/51/156)

#### UNCLASSIFIED

##### 546—Stores (General) (Group Class 4140)—Fans and Air Circulators Non-industrial—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
4140	00-063-3988	Fan, vaneaxial .. ..	4140	00-732-1877
4140	00-511-2340	Fan, axial .. ..	4140	00-893-0145
4140	00-537-2340	Impeller, fan .. ..	4140	00-267-0866
4140	00-802-5852	Fan, axial .. ..	4140	00-618-8574
4140	00-807-4781	Fan, axial .. ..	4140	00-203-9731
4140	00-816-0600	Fan, ventilation .. ..	4140	00-289-5037
4140	00-856-6093	Fan, vaneaxial .. ..	4140	00-768-2855
4140	00-859-0659	Fan, axial .. ..	4140	00-815-6897

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 1114/51/184)

#### UNCLASSIFIED

##### 547—Stores (General) (Group Class 5120)—Hand Tools, Non-edged, Non-powered—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5120	00-061-7335	Wrench .. ..	5120	00-939-7585
5120	00-222-1498	Wrench, socket .. ..	5120	00-596-1263
5120	00-323-1063	Tool, extracting .. ..	5120	00-293-3546
5120	00-339-6179	Spring .. ..	2910	00-319-3985
5120	00-356-3067	Wrench .. ..	5120	00-596-4439
5120	00-369-9961	Screwdriver .. ..	5120	00-227-7330
5120	00-432-7826	Press, grommet .. ..	5120	00-262-8503
5120	00-436-8349	Puller assy .. ..	1680	00-436-8349
5120	00-529-2559	Wrench .. ..	5120	00-516-4979

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5120	00-632-1431	Alignment tool .. ..	5120	00-536-4359	
5120	00-678-5440	Wrench .. ..	5120	00-076-4380	
5120	00-796-7506	Tube, fire extinguisher .. ..	2510	00-796-7506	
5120	00-889-2136	Drill, pneumatic .. ..	5130	00-889-9011	
5120	00-994-4682	Holder .. ..	5120	00-143-8116	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 506/71/558)

#### UNCLASSIFIED

#### 548—Stores (General) (Group Class 5130)—Hand Tools Power Driven—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5130	00-203-4335	Drill, electric .. ..	5130	00-288-7767	
5130	00-541-5809	Socket, socket wrench .. ..	5120	00-261-2841	
5130	00-541-5813	Socket, socket wrench .. ..	5120	00-261-2833	
5130	00-541-5814	Socket, socket wrench .. ..	5120	00-261-2836	
5130	00-596-6949	Bit, screwdrive .. ..	5130	00-690-7259	
5130	00-727-0887	Bit, screwdrive .. ..	5130	00-805-3793	
5130	00-808-5885	Bit, screwdrive .. ..	5130	00-774-7130	
5130	00-293-0128	Drill, electric .. ..	5130	00-889-8996	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/77/156)

#### UNCLASSIFIED

#### 549—Stores (General) (Group Class 5133)—Drill Bits, Counterbores and Countersinks, Hand and Machine—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5133	00-203-6017	Drill, twist .. ..	5133	00-227-9654	
5133	00-228-1523	Drill, twist .. ..	5133	00-243-9611	
5133	00-239-8606	Drill, twist .. ..	5133	00-227-9658	

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5133	00-357-0490	Drill set, twist .. ..	5133	00-293-0983	
5133	00-408-1042	Drill, twist .. ..	5133	00-189-9251	
5133	00-408-1043	Drill, twist .. ..	5133	00-189-9252	
5133	00-408-1067	Drill, twist .. ..	5133	00-189-9276	
5133	00-408-1068	Drill, twist .. ..	5133	00-189-9277	
5133	00-408-1084	Drill, twist .. ..	5133	00-189-9293	
5133	00-408-1085	Drill, twist .. ..	5133	00-189-9294	
5133	00-408-1089	Drill, twist .. ..	5133	00-189-9298	
5133	00-408-1090	Drill, twist .. ..	5133	00-189-9299	
5133	00-408-1094	Drill, twist .. ..	5133	00-189-9303	
5133	00-408-1096	Drill, twist .. ..	5133	00-189-9305	
5133	00-554-7554	Drill, twist .. ..	5133	00-262-2157	
5133	00-595-8769	Drill, twist .. ..	5133	00-189-9266	
5133	00-595-8770	Drill, twist .. ..	5133	00-189-9264	
5133	00-595-8771	Drill, twist .. ..	5133	00-189-9259	
5133	00-595-8773	Drill, twist .. ..	5133	00-189-9257	
5133	00-595-8774	Drill, twist .. ..	5133	00-189-9258	
5133	00-595-8776	Drill, twist .. ..	5133	00-189-9256	
5133	00-595-8777	Drill, twist .. ..	5133	00-189-9253	
5133	00-595-8778	Drill, twist .. ..	5133	00-189-9254	
5133	00-595-8779	Drill, twist .. ..	5133	00-189-9249	
5133	00-595-8780	Drill, twist .. ..	5133	00-189-9250	
5133	00-595-8782	Drill, twist .. ..	5133	00-189-9248	
5133	00-595-8783	Drill, twist .. ..	5133	00-227-9674	
5133	00-595-8784	Drill, twist .. ..	5133	00-189-9246	
5133	00-595-8785	Drill, twist .. ..	5133	00-189-9291	
5133	00-595-8786	Drill, twist .. ..	5133	00-189-9292	
5133	00-595-8787	Drill, twist .. ..	5133	00-189-9286	
5133	00-595-8788	Drill, twist .. ..	5133	00-189-9283	
5133	00-595-8791	Drill, twist .. ..	5133	00-189-9296	
5133	00-595-8793	Drill, twist .. ..	5133	00-189-9284	
5133	00-595-8796	Drill, twist .. ..	5133	00-189-9280	
5133	00-595-8797	Drill, twist .. ..	5133	00-189-9260	
5133	00-595-8799	Drill, twist .. ..	5133	00-227-9667	
5133	00-595-8800	Drill, twist .. ..	5133	00-189-9301	
5133	00-595-8801	Drill, twist .. ..	5133	00-189-9302	
5133	00-595-8802	Drill, twist .. ..	5133	00-189-9295	
5133	00-595-8803	Drill, twist .. ..	5133	00-189-9300	
5133	00-595-8810	Drill, twist .. ..	5133	00-189-9269	
5133	00-595-8811	Drill, twist .. ..	5133	00-189-9268	
5133	00-595-8862	Drill, twist .. ..	5133	00-227-9669	
5133	00-595-8907	Drill, twist .. ..	5133	00-189-9262	
5133	00-595-8921	Drill, twist .. ..	5133	00-189-9272	
5132	00-595-8922	Drill, twist .. ..	5133	00-189-9270	
5133	00-595-8924	Drill, twist .. ..	5133	00-189-9274	
5133	00-596-8454	Drill, twist .. ..	5133	00-240-8443	
5133	00-596-8455	Drill, twist .. ..	5133	00-227-9665	
5133	00-596-8456	Drill, twist .. ..	5133	00-227-9646	
5133	00-596-8457	Drill, twist .. ..	5133	00-227-9649	
5133	00-596-8458	Drill, twist .. ..	5133	00-243-9612	
5133	00-596-8459	Drill, twist .. ..	5133	00-227-9656	

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5133	00-596-9302	Drill, twist .. ..	5133	00-189-9255	
5133	00-596-9303	Drill, twist .. ..	5133	00-189-9275	
5133	00-596-9304	Drill, twist .. ..	5133	00-189-9285	
5133	00-654-2372	Drill, twist .. ..	5133	00-262-2192	
5133	00-784-2899	Drill, twist .. ..	5133	00-189-9279	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 Catalogue of Stores will be amended in due course.

(DSAP 506/71/730)

#### UNCLASSIFIED

#### 550—Stores (General) (Group Class 5136)—Taps, Dies and Collets Hand and Machine—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5136	00-197-9295	Die, thread cut .. ..	5136	00-224-1461	
5136	00-199-7093	Tap, thread cut .. ..	5136	00-228-0995	
5136	00-203-6622	Tap, thread cut .. ..	5136	00-221-7041	
5136	00-228-1041	Tap, thread cut .. ..	5136	00-580-7361	
5136	00-228-1053	Tap, thread cut .. ..	5136	00-580-7357	
5136	00-232-1979	Tap, thread cut .. ..	5136	00-729-5684	
5136	00-239-1410	Tap, thread cut .. ..	5136	00-223-6228	
5136	00-239-2176	Tap, thread cut .. ..	5136	00-729-5688	
5136	00-262-3459	Tap, thread cut .. ..	5136	00-221-7874	
5136	00-262-3902	Tap, thread cut .. ..	5136	00-821-1030	
5136	00-262-3950	Tap, thread cut .. ..	5136	00-189-7806	
5136	00-262-3951	Tap, thread cut .. ..	5136	00-189-7807	
5136	00-262-3952	Tap, thread cut .. ..	5136	00-189-7808	
5136	00-262-3953	Tap, thread cut .. ..	5136	00-237-8147	
5136	00-262-3954	Tap, thread cut .. ..	5136	00-237-8148	
5136	00-262-3969	Tap, thread cut .. ..	5136	00-228-0996	
5136	00-272-9714	Tap, thread cut .. ..	5136	00-232-1974	
5136	00-272-9723	Tap, thread cut .. ..	5136	00-585-6760	
5136	00-272-9726	Tap, thread cut .. ..	5136	00-729-5686	
5136	00-276-1027	Tap, thread cut .. ..	5136	00-729-5692	
5136	00-580-7034	Die, thread cut .. ..	5136	00-189-3194	
5136	00-595-8933	Die, thread cut .. ..	5136	00-189-3197	
5136	00-596-1208	Tap, thread cut .. ..	5136	00-729-5685	
5136	00-596-1452	Tap, thread cut .. ..	5136	00-293-0711	
5136	00-596-1567	Tap, thread cut .. ..	5136	00-228-1040	
5136	00-729-5679	Tap, thread cut .. ..	5136	00-228-1034	
5136	00-729-5680	Tap, thread cut .. ..	5136	00-228-1033	
5136	00-972-8297	Die stock .. ..	5136	00-221-1236	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 Catalogue of Stores will be amended in due course.

(DSAP 506/71/731)

#### UNCLASSIFIED

#### 551—Stores (General) (Group Class 5210)—Measuring Tools Craftsmans—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5210	00-221-1843	Gage, surface .. ..	5210	00-221-1842	
5210	00-221-1936	Caliper, micrometer .. ..	5210	00-221-1928	
5210	00-221-1940	Caliper, micrometer .. ..	5210	00-221-1921	
5210	00-221-2067	Square, combination .. ..	5210	00-221-2064	
5210	00-239-0717	Caliper, micrometer .. ..	5210	00-221-1922	
5210	00-293-2102	Tape, measuring .. ..	5210	00-221-1882	
5210	00-363-7576	Gage, injector .. ..	5210	00-387-9581	
5210	00-654-7418	Rule, steel, mag .. ..	5210	00-234-5223	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 506/71/732)

#### UNCLASSIFIED

#### 552—Stores (General) (Group Class 5307)—Studs—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5307	00-026-9049	Stud .. ..	5307	00-206-8810	
5307	00-149-4860	Stud .. ..	5307	00-533-9875	
5307	00-149-9601	Stud .. ..	5307	00-208-1158	
5307	00-448-2098	Screw .. ..	5305	00-639-2216	
5307	00-639-4602	Stud .. ..	5307	00-834-8332	
5307	00-813-2600	Stud .. ..	5307	00-903-4865	
5307	00-813-2601	Stud .. ..	5307	00-903-4866	
5307	00-993-3809	Stud .. ..	5307	00-169-3461	
5307	00-993-5257	Stud .. ..	5307	00-149-5494	
5307	00-993-5258	Stud .. ..	5307	00-149-5495	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 506/51/315)

#### UNCLASSIFIED

#### 553—Stores (General) (Group Class 5315)—Nails, Keys and Pins— Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5315	00-058-9729	Pin .. ..	5315	00-039-5563	
5315	00-061-7921	Nut .. ..	5310	00-616-8786	
5315	00-255-0614	Pin, cotter .. ..	5315	00-012-1224	
5315	00-298-9869	Pin .. ..	5315	00-836-3309	
5315	00-326-0694	Pin .. ..	5315	00-514-1434	
5315	00-514-1827	Pin, spring .. ..	5315	00-200-3183	
5315	00-514-1828	Pin, spring .. ..	5315	00-753-3894	
5315	00-514-1833	Pin .. ..	5315	00-449-2945	
5315	00-579-2507	Pin, spring .. ..	5315	00-058-9784	
5315	00-597-2703	Pin, straight, headless .. ..	5315	00-664-9508	
5315	00-597-6665	Pin .. ..	5315	00-514-2190	
5315	00-598-1560	Ring, retaining .. ..	5340	00-598-1560	
5315	00-644-0642	Pin, cotter .. ..	5315	00-239-8019	
5315	00-725-6936	Pin, spring .. ..	5315	00-664-0401	
5315	00-767-5111	Network .. ..	6605	00-767-5111	
5315	00-899-4545	Pin .. ..	5315	00-720-6240	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 506/51/407)

#### UNCLASSIFIED

#### 554—Stores (General) (Group Class 5325)—Fastening Devices—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5325	00-249-6351	Grommet .. ..	5325	00-276-6100	
5325	00-249-6354	Grommet .. ..	5325	00-281-1557	
5325	00-276-6057	Grommet .. ..	5325	00-276-6091	

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5325	00-282-7457	Grommet .. ..	5325	00-298-7006	
5325	00-298-6891	Grommet .. ..	5325	00-290-3970	
5325	00-489-0926	Grommet .. ..	5325	00-290-3972	
5325	00-545-4662	Grommet .. ..	5325	00-281-6606	
5325	00-639-4280	Grommet .. ..	5325	00-637-2369	
5325	00-726-2477	Grommet .. ..	5325	00-584-6638	
5325	00-753-7462	Grommet .. ..	5325	00-550-0711	
5325	00-993-3808	Grommet, rubber .. ..	5325	00-263-6632	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 506/51/406)

#### UNCLASSIFIED

#### 555—Stores (General) (Group Class 5340)—Miscellaneous Hardware— Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5340	00-037-9278	Washer, flat .. ..	5310	00-037-9278	
5340	00-053-0248	Ring .. ..	5340	00-803-7306	
5340	00-060-3257	Clamp, loop .. ..	5340	00-543-3931	
5340	00-066-6210	Clamp, loop .. ..	5340	00-966-7807	
5340	00-072-6163	Ring, retaining .. ..	5340	00-721-7680	
5340	00-091-9548	Spring .. ..	5340	00-393-1762	
5340	00-193-2626	Clamp, loop .. ..	5340	00-205-6301	
5340	00-200-2755	Clamp, loop .. ..	5340	00-680-3200	
5340	00-200-2760	Clamp, loop .. ..	5340	00-543-3931	
5340	00-200-4458	Ring, retaining .. ..	5340	00-721-8187	
5340	00-200-5454	Ring, retaining .. ..	5340	00-263-5877	
5340	00-200-5455	Ring, retaining .. ..	5340	00-298-6563	
5340	00-200-5529	Clamp, loop .. ..	5340	00-285-6716	
5340	00-200-7422	Clamp, loop .. ..	5340	00-200-7733	
5340	00-200-8532	Ring, retaining .. ..	5340	00-725-0969	
5340	00-205-4691	Ring, retaining .. ..	5340	00-263-5954	
5340	00-205-6229	Clamp, loop .. ..	5340	00-200-2755	
5340	00-205-6553	Ring, retaining .. ..	5340	00-804-2274	
5340	00-209-7864	Ring, retaining .. ..	5340	00-200-5230	
5340	00-209-8112	Insert, screw thread .. ..	5340	00-286-2458	
5340	00-215-7548	Clamp, loop .. ..	5340	00-558-9471	
5340	00-252-4724	Ring, retaining .. ..	5340	00-803-7301	
5340	00-254-9440	Switch, lever .. ..	5930	00-254-9440	

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5340	00-256-2878	Ring, retaining .. ..	5340	00-200-6707
5340	00-263-5870	Ring, retaining .. ..	5340	00-803-7307
5340	00-263-5875	Ring, retaining .. ..	5340	00-282-0782
5340	00-269-4037	Insert, screw thread .. ..	5340	00-721-8352
5340	00-281-6473	Ring, retaining .. ..	5340	00-282-5311
5340	00-281-6489	Ring, retaining .. ..	5340	00-805-0340
5340	00-281-6492	Ring, retaining .. ..	5340	00-804-7683
5340	00-281-6629	Ring, retaining .. ..	5340	00-298-6563
5340	00-281-6662	Ring, retaining .. ..	5340	00-263-5866
5340	00-281-9915	Ring, retaining .. ..	5340	00-254-4904
5340	00-282-0752	Ring, retaining .. ..	5340	00-282-6978
5340	00-282-0764	Ring, retaining .. ..	5340	00-263-5877
5340	00-282-0781	Ring, retaining .. ..	5340	00-205-4731
5340	00-282-2365	Ring, retaining .. ..	5340	00-806-1686
5340	00-282-5292	Ring, retaining .. ..	5340	00-526-2674
5340	00-285-2097	Ring, retaining .. ..	5340	00-263-3831
5340	00-285-7729	Clamp, loop .. ..	5340	00-619-7754
5340	00-285-7987	Clamp, loop .. ..	5340	00-200-4458
5340	00-286-8016	Clamp, loop .. ..	5340	00-804-2274
5340	00-286-9469	Ring, retaining .. ..	5340	00-200-2518
5340	00-290-0775	Clamp, loop .. ..	5340	00-222-8562
5340	00-291-8841	Ring, retaining .. ..	5340	00-282-5322
5340	00-297-3648	Ring, retaining .. ..	5340	00-598-1474
5340	00-301-0074	Clamp, loop .. ..	5340	00-141-6944
5340	00-310-6899	Clamp, wire .. ..	4030	00-310-6899
5340	00-312-8970	Spring, helical .. ..	5815	00-260-3480
5340	00-318-5363	Clamp, loop .. ..	5340	00-257-0050
5340	00-337-8640	Clamp, loop .. ..	5340	00-664-2635
5340	00-344-2413	Ring, retaining .. ..	5340	00-954-5166
5340	00-356-7203	Clamp, loop .. ..	5340	00-526-3993
5340	00-360-2519	Packing, preformed .. ..	5330	00-360-2519
5340	00-369-7925	Mount, resilient .. ..	5340	00-200-3982
5340	00-391-9615	Spring, helical .. ..	5815	00-526-3862
5340	00-392-1819	Clamp, loop .. ..	5340	00-817-0726
5340	00-431-0179	Ring, retaining .. ..	5340	00-804-7688
5340	00-433-0338	Mount, resilient .. ..	5340	00-664-9240
5340	00-448-1367	Spring, helical .. ..	5815	00-526-3859
5340	00-448-1417	Spring, helical .. ..	5815	00-526-3835
5340	00-448-1541	Spring, helical .. ..	5815	00-526-1666
5340	00-448-1691	Spring, helical .. ..	5815	00-526-3847
5340	00-448-1997	Spring, helical .. ..	5815	00-526-4029
5340	00-448-3936	Spring, helical .. ..	5815	00-526-1650
5340	00-448-3945	Spring, helical .. ..	5815	00-526-1668
5340	00-448-3988	Spring, helical .. ..	5815	00-526-3866
5340	00-448-4014	Spring, helical .. ..	5815	00-526-1673
5340	00-448-4034	Spring, helical .. ..	5815	00-526-1651
5340	00-448-4041	Spring, helical .. ..	5815	00-526-1653
5340	00-448-4124	Spring, helical .. ..	5815	00-526-1652
5340	00-473-3715	Ring, retaining .. ..	5340	00-282-0764
5340	00-508-3514	Spring, helical .. ..	6110	00-141-6851
5340	00-508-3515	Spring, helical, compression .. ..	6110	00-141-6853

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5340	00-508-3516	Spring, helical .. ..	5340	00-141-6802
5340	00-513-2262	Spacer, sleeve .. ..	5940	00-513-2262
5340	00-514-0146	Ring, retaining .. ..	5340	00-263-5954
5340	00-514-2955	Ring, retaining .. ..	5340	00-200-3475
5340	00-514-3024	Clamp, loop .. ..	5340	00-565-0004
5340	00-515-1132	Ring, retaining .. ..	5340	00-263-5869
5340	00-515-1135	Ring, retaining .. ..	5340	00-282-0081
5340	00-525-1282	Spring, helical .. ..	5815	00-370-0827
5340	00-525-4451	Trunnion, tank .. ..	5315	00-525-4451
5340	00-525-4452	Pin, shoulder, headless .. ..	5315	00-525-4452
5340	00-526-9556	Mount, resilient .. ..	5340	00-200-7564
5340	00-527-1787	Ring, retaining .. ..	5340	00-804-7301
5340	00-527-1995	Ring, retaining .. ..	5340	00-805-6903
5340	00-530-6775	Ring, retaining .. ..	5340	00-804-9735
5340	00-530-8533	Turnbuckle body .. ..	5340	00-067-9870
5340	00-531-6811	Ring, retaining .. ..	5340	00-715-1152
5340	00-531-8039	Clamp, loop .. ..	5340	00-598-0383
5340	00-531-9411	Ring, retaining .. ..	5340	00-598-1300
5340	00-543-3932	Clamp, loop .. ..	5340	00-988-3210
5340	00-559-5209	Clamp, loop .. ..	5340	00-698-3440
5340	00-565-0003	Clamp, loop .. ..	5340	00-543-4394
5340	00-568-0983	Mount, resilient .. ..	5340	00-664-7442
5340	00-574-3921	Ring, retaining .. ..	5340	00-282-7120
5340	00-574-7843	Washer, flat .. ..	5330	00-641-8366
5340	00-576-2234	Clamp, loop .. ..	5340	00-988-3210
5340	00-576-2477	Clamp, loop .. ..	5340	00-576-0246
5340	00-579-7128	Clip, electrical .. ..	5940	00-629-8127
5340	00-582-2633	Clamp, loop .. ..	5340	00-514-0007
5340	00-584-6043	Spring, helical .. ..	5340	00-794-4023
5340	00-584-9444	Ring, retaining .. ..	5340	00-805-6005
5340	00-584-9831	Insert, screw thread .. ..	5340	00-721-7653
5340	00-590-8265	Bell crank .. ..	1560	00-590-8265
5340	00-594-6053	Spacer, sleeve .. ..	5340	00-727-1891
5340	00-597-2127	Spring, helical .. ..	5340	00-209-8604
5340	00-597-3456	Spring, helical .. ..	5841	00-579-7119
5340	00-597-4468	Cap, protective .. ..	5340	00-722-9831
5340	00-597-5426	Pin, straight, headless .. ..	5315	00-597-5426
5340	00-597-7941	Clamp, loop .. ..	5340	00-598-0296
5340	00-597-9456	Plug, protective .. ..	5340	00-292-3296
5340	00-598-0138	Clamp, loop .. ..	5340	00-257-0043
5340	00-598-0846	Ring, retaining .. ..	5340	00-664-3042
5340	00-598-0897	Ring, retaining .. ..	5340	00-804-7681
5340	00-598-0938	Ring, retaining .. ..	5340	00-200-5222
5340	00-598-1359	Ring, retaining .. ..	5340	00-205-4691
5340	00-598-1376	Ring, retaining .. ..	5340	00-663-2400
5340	00-598-1452	Ring, retaining .. ..	5340	00-804-9743
5340	00-598-1483	Ring, retaining .. ..	5340	00-616-4863
5340	00-598-4383	Ring, retaining .. ..	5340	00-663-1245
5340	00-598-9470	Ring, retaining .. ..	5340	00-808-7913
5340	00-598-9802	Clamp, loop .. ..	5340	00-531-6794
5340	00-616-4711	Clip, spring tension .. ..	5340	00-687-3393

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5340	00-619-0136	Button plug .. ..	5340	00-270-8553
5340	00-619-0230	Ring, retaining .. ..	5340	00-282-5292
5340	00-619-0819	Ring, retaining .. ..	5340	00-804-6895
5340	00-619-6494	Clamp, loop .. ..	5340	00-726-9819
5340	00-631-7892	Insert, screw thread .. ..	5340	00-526-4042
5340	00-634-7464	Ring, retaining .. ..	5340	00-282-1633
5340	00-634-7841	Clamp, loop .. ..	5340	00-200-2691
5340	00-634-7890	Insert, screw .. ..	5340	00-826-4023
5340	00-655-5260	Clamp, loop .. ..	5340	00-815-4929
5340	00-663-1346	Bushing, rubber .. ..	5340	00-828-8526
5340	00-663-1952	Clamp, loop .. ..	5340	00-200-7137
5340	00-664-1650	Clamp, loop .. ..	5340	00-680-3200
5340	00-664-1757	Clamp, loop .. ..	5340	00-125-4979
5340	00-664-2396	Clamp, loop .. ..	5340	00-531-9168
5340	00-664-2635	Clamp, loop .. ..	5340	00-619-0188
5340	00-664-3967	Spring, helical .. ..	5340	00-201-0272
5340	00-664-8168	Clamp, loop .. ..	5340	00-285-7729
5340	00-664-8447	Spring, helical .. ..	5340	00-598-7625
5340	00-664-8872	Spring, helical .. ..	5340	00-597-8369
5340	00-677-6447	Spring, helical .. ..	5815	00-448-4068
5340	00-677-6449	Spring, helical .. ..	5340	00-448-4102
5340	00-685-5817	Ring, retaining .. ..	5340	00-803-7315
5340	00-685-6168	Ring, retaining .. ..	5340	00-200-5234
5340	00-685-6284	Insert, screw .. ..	5340	00-682-1520
5340	00-687-5434	Clamp, loop .. ..	5340	00-842-5122
5340	00-693-2528	Mounting base .. ..	5975	00-693-2528
5340	00-695-2674	Spring, helical .. ..	6110	00-418-8091
5340	00-697-1820	Clamp, loop .. ..	5340	00-523-6409
5340	00-699-2346	Mount, resilient .. ..	5340	00-597-6844
5340	00-701-2467	Packing, preformed .. ..	5330	00-729-6537
5340	00-703-7676	Clamp, loop .. ..	5340	00-345-4998
5340	00-710-9430	Ring, retaining .. ..	5340	00-205-6699
5340	00-716-9067	Spring, helical, compression .. ..	5340	00-856-3592
5340	00-720-5773	Clamp, loop .. ..	5340	00-200-7385
5340	00-720-6280	Ring, retaining .. ..	5340	00-298-6572
5340	00-730-4423	Ring, retaining .. ..	5340	00-282-7127
5340	00-730-4426	Ring, retaining .. ..	5340	00-803-8518
5340	00-753-3651	Clip, spring tension .. ..	5340	00-803-3100
5340	00-756-9695	Spring .. ..	5895	00-994-4568
5340	00-775-7045	Collar, shaft .. ..	3040	00-585-1396
5340	00-787-7175	Insert, screw thread .. ..	5340	00-815-4929
5340	00-798-1296	Ring, retaining .. ..	5340	00-263-5954
5340	00-804-9845	Semi-conductor device .. ..	5961	00-804-9845
5430	00-806-9453	Ring, retaining .. ..	5340	00-625-6865
5340	00-805-6903	Ring, retaining .. ..	5340	00-812-5398
5340	00-807-9546	Ring, retaining .. ..	5340	00-598-1138
5340	00-809-1723	Ring, retaining .. ..	5340	00-174-9889
5340	00-812-3116	Shim .. ..	5340	00-685-7023
5340	00-819-4584	Ring, retaining .. ..	5340	00-720-8064
5340	00-827-8284	Ring, retaining .. ..	5340	00-511-8144
5340	00-836-1125	Clamp, loop .. ..	5340	00-282-7965

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5340	00-843-0327	Ring, retaining .. ..	5340	00-200-2637
5340	00-843-4114	Insert, screw thread .. ..	5340	00-200-7755
5340	00-851-8016	Ring, retaining .. ..	5340	00-804-6858
5340	00-871-1233	Ring, retaining .. ..	5340	00-812-2931
5340	00-957-7137	Insert, screw .. ..	5340	00-200-7224
5340	00-988-9856	Ring, retaining .. ..	5340	00-205-6552
5340	00-994-4572	Spring .. ..	5340	00-756-9683
5340	00-994-4573	Spring .. ..	5340	00-756-9684
5340	00-994-4574	Spring .. ..	5340	00-756-9685
5340	00-994-4683	Clip .. ..	4920	00-181-7900
5340	00-995-9637	Ring, retaining .. ..	5340	00-804-6895
5340	00-754-1899	Ring, retaining .. ..	5340	00-725-0969
5340	00-591-7278	Insert .. ..	5340	00-740-8782
5340	00-252-4719	Ring, retaining .. ..	5340	00-807-2636

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 505/51/135)

## UNCLASSIFIED

### 556—Stores (General) Group Class 5355)—Knobs and Pointers—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5355	00-026-0209	Knob .. ..	5355	00-519-3467
5355	00-026-0210	Knob .. ..	5355	00-504-7821
5355	00-031-1685	Knob .. ..	5355	00-668-5951
5355	00-284-4575	Knob .. ..	5355	00-341-2477
5355	00-284-5583	Knob .. ..	5355	00-284-5649
5355	00-284-5649	Knob .. ..	5355	00-619-4668
5355	00-284-5886	Knob .. ..	5355	00-284-4575
5355	00-334-9616	Knob .. ..	5355	00-644-1716
5355	00-448-3655	Scale .. ..	6670	00-498-7910
5355	00-504-9147	Knob .. ..	5355	00-547-7996
5355	00-530-6979	Ring, retaining .. ..	5340	00-530-6979
5355	00-538-1833	Knob .. ..	5355	00-577-4668
5355	00-624-1298	Knob .. ..	5355	00-225-8455
5355	00-644-1116	Knob .. ..	5355	00-284-5158
5355	00-644-2225	Knob .. ..	5355	00-668-3295
5355	00-655-9870	Nut .. ..	5310	00-727-5223
5355	00-669-2709	Knob .. ..	5355	00-644-2265
5355	00-720-5190	Knob .. ..	5355	00-836-9268
5355	00-721-8586	Knob .. ..	5355	00-556-0145
5355	00-852-6053	Resistor .. ..	5905	00-852-6053

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/82/37)

## UNCLASSIFIED

### 557—Stores (General) (Group Class 5920)—Fuses and Lightning Arrestors—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5920	00-027-8192	Fuse holder .. ..	5920	00-577-2264	
5920	00-057-2953	Fuse, cartridge .. ..	5920	00-284-9448	
5920	00-057-2958	Fuse, cartridge .. ..	5920	00-280-4013	
5920	00-059-4480	Fuse, cartridge .. ..	5920	00-894-1045	
5920	00-087-7885	Fuse, cartridge .. ..	5920	00-846-5727	
5920	00-142-7383	Fuse, cartridge .. ..	5920	00-280-8342	
5920	00-224-5269	Fuse, cartridge .. ..	5920	00-131-9819	
5920	00-229-5226	Fuse, cartridge .. ..	5920	00-050-4961	
5920	00-232-3679	Fuse, cartridge .. ..	5920	00-538-3102	
5920	00-241-6241	Charger instrument .. ..	5950	00-241-6241	
5920	00-243-3785	Fuse, cartridge .. ..	5920	00-518-1793	
5920	00-243-3786	Fuse, cartridge .. ..	5920	00-518-1789	
5920	00-247-2676	Fuse holder .. ..	5920	00-251-7611	
5920	00-258-7156	Cap, electrical .. ..	5920	00-257-7170	
5920	00-280-3548	Fuse, cartridge .. ..	5920	00-284-7732	
5920	00-280-4167	Fuse .. ..	5920	00-556-0144	
5920	00-280-4248	Fuse holder .. ..	5920	00-247-3780	
5920	00-280-4469	Fuse, cartridge .. ..	5920	00-012-0151	
5920	00-280-5076	Fuse holder .. ..	5920	00-763-5155	
5920	00-280-8600	Fuse, cartridge .. ..	5920	00-578-2657	
5920	00-281-0208	Fuse, cartridge .. ..	5920	00-280-4465	
5920	00-281-0209	Fuse, cartridge .. ..	5920	00-877-9934	
5920	00-284-6783	Fuse, cartridge .. ..	5920	00-281-0210	
5920	00-284-7729	Fuse, cartridge .. ..	5920	00-538-6758	
5920	00-284-9155	Fuse, cartridge .. ..	5920	00-280-3537	
5920	00-295-7787	Fuse, cartridge .. ..	5920	00-060-2424	
5920	00-295-8661	Fuse, cartridge .. ..	5920	00-894-1045	
5920	00-295-9553	Fuse, cartridge .. ..	5920	00-284-7734	
5920	00-295-9665	Fuse, cartridge .. ..	5920	00-281-0224	
5920	00-296-0322	Fuse, cartridge .. ..	5920	00-284-9494	
5920	00-296-3439	Fuse, cartridge .. ..	5920	00-850-6091	
5920	00-296-3474	Fuse, cartridge .. ..	5920	00-284-7466	
5920	00-296-3779	Fuse, cartridge .. ..	5920	00-879-3570	
5920	00-296-5081	Fuse holder .. ..	5920	00-280-4245	
5920	00-296-7490	Fuse, cartridge .. ..	5920	00-057-2955	
5920	00-329-9036	Fuse .. ..	5920	00-280-7957	

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5920	00-336-5864	Indicator, blown fuse .. ..	5920	00-033-6641	
5920	00-356-2177	Fuse, cartridge .. ..	5920	00-131-9876	
5920	00-356-2193	Fuse, cartridge .. ..	5920	00-280-8344	
5920	00-501-1658	Fuse, cartridge .. ..	5920	00-474-6125	
5920	00-503-0457	Fuse, cartridge .. ..	5920	00-296-3474	
5920	00-503-2886	Fuse, cartridge .. ..	5920	00-142-4838	
5920	00-503-4280	Fuse, cartridge .. ..	5920	00-281-0216	
5920	00-503-4671	Fuse, cartridge .. ..	5920	00-280-4432	
5920	00-503-4721	Fuse, cartridge .. ..	5920	00-280-4426	
5920	00-503-4745	Fuse, cartridge .. ..	5920	00-280-3469	
5920	00-504-7717	Fuse, cartridge .. ..	5920	00-280-3562	
5920	00-518-1848	Fuse, cartridge .. ..	5920	00-681-0918	
5920	00-519-6128	Fuse, cartridge .. ..	5920	00-296-1677	
5920	00-519-7660	Fuse, cartridge .. ..	5920	00-280-4429	
5920	00-519-7661	Fuse, cartridge .. ..	5920	00-280-4436	
5920	00-519-7663	Fuse, cartridge .. ..	5920	00-280-4428	
5920	00-519-8124	Fuse, cartridge .. ..	5920	00-280-4434	
5920	00-519-8127	Fuse, cartridge .. ..	5920	00-669-6859	
5920	00-532-4631	Fuse, cartridge .. ..	5920	00-284-7466	
5920	00-538-1907	Fuse, cartridge .. ..	5920	00-519-7733	
5920	00-538-6545	Fuse, cartridge .. ..	5920	00-646-4585	
5920	00-535-6546	Fuse, cartridge .. ..	5920	00-280-4431	
5920	00-538-6547	Fuse, cartridge .. ..	5920	00-280-4427	
5920	00-538-6729	Fuse, cartridge .. ..	5920	00-284-9492	
5920	00-538-6732	Fuse, cartridge .. ..	5920	00-243-3788	
5920	00-538-6738	Fuse, cartridge .. ..	5920	00-243-3787	
5920	00-538-6765	Fuse, cartridge .. ..	5920	00-284-9493	
5920	00-539-7845	Fuse, cartridge .. ..	5920	00-199-9502	
5920	00-548-3788	Fuse holder .. ..	5920	00-296-3290	
5920	00-548-7111	Fuse cartridge .. ..	5920	00-280-5066	
5920	00-548-8389	Fuse .. ..	5920	00-221-6434	
5920	00-548-9518	Fuse, cartridge .. ..	5920	00-519-7729	
5920	00-549-0568	Fuse holder .. ..	5920	00-280-4252	
5920	00-553-4324	Fuse holder .. ..	5920	00-568-0926	
5920	00-553-4843	Fuse holder .. ..	5920	00-660-6705	
5920	00-553-6795	Fuse, cartridge .. ..	5920	00-538-2825	
5920	00-581-4785	Fuse holder .. ..	5920	00-655-4133	
5920	00-581-7959	Fuse holder .. ..	5920	00-296-5871	
5920	00-636-0949	Fuse, cartridge .. ..	5920	00-142-7433	
5920	00-636-1021	Fuse, cartridge .. ..	5920	00-281-0205	
5920	00-636-1025	Fuse, cartridge .. ..	5920	00-295-7885	
5920	00-636-4051	Fuse, cartridge .. ..	5920	00-281-0225	
5920	00-636-4355	Fuse, cartridge .. ..	5920	00-296-3317	
5920	00-636-4554	Fuse holder .. ..	5920	00-556-0144	
5920	00-636-4852	Fuse, cartridge .. ..	5920	00-280-3177	
5920	00-646-4586	Fuse, cartridge .. ..	5920	00-665-0513	
5920	00-665-0573	Fuse, cartridge .. ..	5920	00-199-3973	
5920	00-669-6960	Fuse, cartridge .. ..	5920	00-548-9956	
5920	00-688-3701	Fuse holder .. ..	5920	00-556-0144	
5920	00-725-2581	Fuse .. ..	5920	00-280-5039	
5920	00-777-1494	Fuse, cartridge .. ..	5920	00-828-0148	



Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5920	00-781-3817	Fuse, cartridge .. ..	5920	00-846-5724	
5920	00-807-8775	Fuse holder .. ..	5920	00-817-3387	
5920	00-816-6621	Fuse .. ..	5920	00-957-6859	
5920	00-823-0791	Fuse, cartridge .. ..	5920	00-280-3529	
5920	00-828-7705	Fuse, cartridge .. ..	5920	00-280-5039	
5920	00-846-5724	Fuse, cartridge .. ..	5920	00-280-5020	
5920	00-853-7158	Fuse .. ..	5920	00-356-2193	
5920	00-874-0800	Fuse, cartridge .. ..	5920	00-199-3968	
5920	00-892-9292	Fuse, cartridge .. ..	5920	00-474-6125	
5920	00-910-7121	Insulator feed thru .. ..	5970	00-910-7121	
5920	00-959-2864	Fuse, cartridge .. ..	5920	00-818-4185	
5920	00-991-2258	Fuse, cartridge .. ..	5920	00-296-0446	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 506/51/313)

## UNCLASSIFIED

### 558—Stores (General) (Group Class 5925)—Circuit Breakers—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5925	00-300-5593	Spring, helical .. ..	5925	00-364-7954	
5925	00-300-5704	Spring, helical .. ..	5925	00-364-7952	
5925	00-423-6007	Contact, electrical .. ..	5945	00-369-1021	
5925	00-820-7908	Circuit breaker .. ..	5925	00-731-7709	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/76/134)

## UNCLASSIFIED

### 559—Stores (General) (Group Class 5930)—Switches—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5930	00-035-8431	Contact assembly .. ..	5930	00-035-8329	
5930	00-058-1661	Switch, toggle .. ..	5930	00-733-9218	
5930	00-086-3816	Switch, rotary .. ..	5930	00-713-8501	
5930	00-090-4158	Adapter, switch .. ..	5930	00-548-9371	
5930	00-108-6749	Switch, toggle .. ..	5930	00-636-2286	
5930	00-108-6754	Switch, toggle .. ..	5930	00-050-2638	
5930	00-112-4978	Switch, toggle .. ..	5930	00-251-2359	
5930	00-112-5097	Switch, toggle .. ..	5930	00-259-8341	
5930	00-201-4776	Switch, toggle .. ..	5930	00-108-6980	
5930	00-201-9927	Switch, rotary .. ..	5930	00-501-1253	
5930	00-204-9879	Contact, electrical .. ..	5930	00-502-4889	
5930	00-212-7900	Switch, push .. ..	5930	00-549-0837	
5930	00-228-2948	Switch, toggle .. ..	5930	00-615-7880	
5930	00-231-1513	Switch, toggle .. ..	5930	00-050-2699	
5930	00-239-0367	Switch, toggle .. ..	5930	00-235-8328	
5930	00-243-4286	Guard, switch .. ..	5930	00-615-6731	
5930	00-249-6433	Switch, sensitive .. ..	5930	00-064-9725	
5930	00-250-5102	Switch, sensitive .. ..	5930	00-838-6905	
5930	00-250-6398	Switch, toggle .. ..	5930	00-503-3991	
5930	00-252-3446	Switch, sensitive .. ..	5930	00-188-4036	
5930	00-252-7051	Switch, sensitive .. ..	5930	00-188-4043	
5930	00-253-4370	Switch, push .. ..	5930	00-660-5074	
5930	00-255-5743	Switch, toggle .. ..	5930	00-636-3020	
5930	00-258-5301	Switch, sensitive .. ..	5930	00-248-8903	
5930	00-259-9459	Switch, toggle .. ..	5930	00-050-2680	
5930	00-262-9942	Switch, sensitive .. ..	5930	00-548-4244	
5930	00-265-3662	Spring, helical .. ..	5930	00-663-1041	
5930	00-265-7155	Guard, switch .. ..	5930	00-243-4286	
5930	00-296-5817	Switch, sensitive .. ..	5930	00-296-9803	
5930	00-296-6221	Switch, toggle .. ..	5930	00-503-3991	
5930	00-296-9053	Switch, toggle .. ..	5930	00-050-2640	
5930	00-296-9100	Switch, sensitive .. ..	5930	00-548-9272	
5930	00-296-9129	Switch, sensitive .. ..	5930	00-256-2684	
5930	00-296-9147	Switch, sensitive .. ..	5930	00-230-2562	
5930	00-296-9248	Switch assembly .. ..	5930	00-642-5833	
5930	00-296-9332	Switch, sensitive .. ..	5930	00-188-4041	
5930	00-296-9583	Switch, rotary .. ..	5930	00-636-2275	
5930	00-296-9607	Adapter, switch .. ..	5930	00-636-4883	
5930	00-296-9651	Switch, toggle .. ..	5930	00-050-2627	
5930	00-309-5561	Switch, rotary .. ..	5930	00-644-7352	
5930	00-320-8025	Switch, drive .. ..	5930	00-296-4462	
5930	00-321-0398	Switch, toggle .. ..	5930	00-548-5344	
5930	00-325-8760	Transmitter .. ..	5820	00-310-6863	

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5930	00-327-7871	Switch section .. ..	5930	00-296-7132	
5930	00-327-7872	Switch section .. ..	5930	00-296-6875	
5930	00-327-7873	Switch section .. ..	5930	00-296-7131	
5930	00-327-7874	Switch section .. ..	5930	00-296-6850	
5930	00-340-2925	Switch, rotary .. ..	5930	00-501-3849	
5930	00-356-8170	Switch, sensitive .. ..	5930	00-296-5822	
5930	00-390-9976	Switch, rotary .. ..	5930	00-243-8866	
5930	00-392-0999	Switch, sensitive .. ..	5930	00-577-0083	
5930	00-440-9045	Switch, push .. ..	5930	00-854-7864	
5930	00-447-9544	Switch, rotary .. ..	5930	00-682-0562	
5930	00-448-7225	Switch .. ..	5930	00-440-9045	
5930	00-501-0390	Switch interlock .. ..	5930	00-548-4585	
5930	00-501-0953	Switch, sensitive .. ..	5930	00-296-9361	
5930	00-501-1261	Switch, toggle .. ..	5930	00-548-6107	
5930	00-501-3894	Switch, toggle .. ..	5930	00-112-5126	
5930	00-501-3906	Switch, toggle .. ..	5930	00-687-1097	
5930	00-503-2513	Switch, push .. ..	5930	00-760-2748	
5930	00-503-4664	Adapter, switch .. ..	5930	00-683-0953	
5930	00-504-6219	Switch, sensitive .. ..	5930	00-230-2563	
5930	00-504-6347	Switch, toggle .. ..	5930	00-655-1513	
5930	00-505-7729	Switch, rotary .. ..	5930	00-636-2208	
5930	00-505-7730	Switch, rotary .. ..	5930	00-548-8824	
5930	00-505-7733	Switch, rotary .. ..	5930	00-296-6289	
5930	00-506-2244	Electrical relay .. ..	5930	00-259-5316	
5930	00-510-0576	Switch, rotary .. ..	5930	00-548-6457	
5930	00-518-1666	Switch, push .. ..	5930	00-681-1140	
5930	00-518-3082	Switch, rotary .. ..	5930	00-259-4646	
5930	00-518-3308	Switch, toggle .. ..	5930	00-636-4636	
5930	00-521-0174	Switch .. ..	5930	00-666-2019	
5930	00-525-1217	Starter, fluore .. ..	6250	00-299-5962	
5930	00-535-2915	Switch, rotary .. ..	5930	00-548-8039	
5930	00-538-0206	Switch, sensitive .. ..	5930	00-646-4619	
5930	00-548-4475	Switch, rotary .. ..	5930	00-548-5511	
5930	00-548-4586	Switch, sensitive .. ..	5930	00-504-6094	
5930	00-548-4890	Switch, sensitive .. ..	5930	00-250-5102	
5930	00-548-5104	Switch, toggle .. ..	5930	00-050-2707	
5930	00-548-5317	Switch, toggle .. ..	5930	00-296-6221	
5930	00-548-5344	Switch, toggle .. ..	5930	00-543-1238	
5930	00-548-6026	Switch, push .. ..	5930	00-548-5635	
5930	00-548-6096	Switch, toggle .. ..	5930	00-519-3373	
5930	00-548-6613	Switch, rotary .. ..	5930	00-548-4483	
5930	00-548-6956	Switch section .. ..	5930	00-296-6848	
5930	00-548-7525	Switch, sensitive .. ..	5930	00-230-2582	
5930	00-548-8052	Switch, push .. ..	5930	00-268-0315	
5930	00-548-8337	Switch, sensitive .. ..	5930	00-244-5001	
5930	00-548-9272	Switch, sensitive .. ..	5930	00-549-0601	
5930	00-548-9360	Adapter, switch .. ..	5930	00-296-9610	
5930	00-548-9693	Switch, toggle .. ..	5930	00-655-1514	
5930	00-549-0404	Switch, rotary .. ..	5930	00-296-9844	
5930	00-549-0855	Switch, push .. ..	5930	00-681-4394	
5930	00-552-0111	Switch, push .. ..	5930	00-501-4955	

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5930	00-552-1410	Switch, push .. ..	5930	00-682-0505	
5930	00-552-1887	Switch, toggle .. ..	5930	00-636-4637	
5930	00-557-4747	Switch, sensitive .. ..	5930	00-808-0935	
5930	00-565-0048	Switch, sensitive .. ..	5930	00-242-9970	
5930	00-566-3804	Switch, rotary .. ..	5930	00-231-9775	
5930	00-573-7743	Switch, toggle .. ..	5930	00-050-2701	
5930	00-581-0409	Switch, sensitive .. ..	5930	00-242-9988	
5930	00-581-0816	Switch, push .. ..	5930	00-578-2325	
5930	00-581-4082	Switch, rotary .. ..	5930	00-331-3704	
5930	00-588-0540	Switch .. ..	5930	00-669-8426	
5930	00-594-5345	Switch, pressure .. ..	5930	00-713-5318	
5930	00-602-1232	Switch, assembly .. ..	5930	00-690-8195	
5930	00-608-4475	Switch, toggle .. ..	5930	00-687-0549	
5930	00-609-5429	Connector .. ..	5935	00-552-7174	
5930	00-610-6105	Switch, sensitive .. ..	5930	00-519-8144	
5930	00-615-5344	Switch, toggle .. ..	5930	00-259-8422	
5930	00-615-7228	Switch, rotary .. ..	5930	00-755-3900	
5930	00-615-7888	Switch, toggle .. ..	5930	00-615-9376	
5930	00-621-6889	Switch, push .. ..	5930	00-844-7870	
5930	00-624-3223	Switch, sensitive .. ..	5930	00-581-1847	
5930	00-636-0159	Switch, toggle .. ..	5930	00-296-5782	
5930	00-636-1260	Switch, lever .. ..	5930	00-259-6911	
5930	00-636-2891	Switch, sensitive .. ..	5930	00-230-2561	
5930	00-636-2893	Switch, sensitive .. ..	5930	00-188-4038	
5930	00-636-2894	Switch, sensitive .. ..	5930	00-296-9149	
5930	00-636-3166	Switch, push-pull .. ..	5930	00-296-9239	
5930	00-636-3188	Switch, sensitive .. ..	5930	00-636-2868	
5930	00-642-9264	Switch, rotary .. ..	5930	00-538-5508	
5930	00-642-9961	Switch, rotary .. ..	5930	00-548-8570	
5930	00-644-2975	Switch, sensitive .. ..	5930	00-321-0576	
5930	00-646-5054	Switch, rotary .. ..	5930	00-556-9791	
5930	00-653-2648	Switch, toggle .. ..	5930	00-240-3699	
5930	00-653-3475	Switch, motor driven .. ..	5930	00-716-4615	
5930	00-666-0428	Switch, sensitive .. ..	5930	00-549-0582	
5930	00-666-2019	Switch, push-pull .. ..	5930	00-248-8911	
5930	00-669-7270	Switch, push .. ..	5930	00-501-1749	
5930	00-669-7343	Switch, sensitive .. ..	5930	00-503-3883	
5930	00-669-7728	Switch, sensitive .. ..	5930	00-548-7521	
5930	00-669-7733	Switch, sensitive .. ..	5930	00-548-8338	
5930	00-669-8030	Switch, sensitive .. ..	5930	00-239-9088	
5930	00-669-8426	Switch, sensitive .. ..	5930	00-583-6582	
5930	00-675-5732	Adapter, switch .. ..	5930	00-841-7368	
5930	00-678-5940	Semi-conductor device .. ..	5961	00-678-5940	
5930	00-679-9337	Switch, rotary .. ..	5930	00-755-5834	
5930	00-690-7201	Switch, push .. ..	5930	00-729-8720	
5930	00-694-9396	Rotor, electric .. ..	5930	00-296-9227	
5930	00-694-9397	Switch, rotary .. ..	5930	00-642-9263	
5930	00-713-8497	Switch, toggle .. ..	5950	00-739-8156	
5930	00-727-2778	Switch, push .. ..	5930	00-685-9799	
5930	00-727-4012	Switch, toggle .. ..	5930	00-655-1508	
5930	00-730-7293	Switch, toggle .. ..	5930	00-108-6744	

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5930	00-732-1928	Switch, push .. ..	5930	00-224-5706	
5930	00-760-2621	Switch, toggle .. ..	5930	00-259-9423	
5930	00-768-3998	Switch, rotary .. ..	5930	00-898-8985	
5930	00-777-1088	Switch, push .. ..	5930	00-258-5663	
5930	00-788-1025	Switch, toggle .. ..	5930	00-655-1575	
5930	00-790-7882	Switch, toggle .. ..	5930	00-615-7891	
5930	00-794-3132	Switch, push .. ..	5930	00-977-2858	
5930	00-794-3431	Switch .. ..	5930	00-732-4318	
5930	00-794-3513	Switch, toggle .. ..	5930	00-838-3202	
5930	00-794-4189	Tool .. ..	5120	00-772-2466	
5930	00-794-4270	Switch, toggle .. ..	5930	00-683-1604	
5930	00-798-1437	Switch .. ..	5930	00-034-5545	
5930	00-799-6531	Switch, push .. ..	5930	00-785-8546	
5930	00-804-5155	Switch, thermos.. ..	5930	00-722-2477	
5930	00-825-1676	Switch, toggle .. ..	5930	00-501-3128	
5930	00-829-8714	Switch, toggle .. ..	5930	00-820-9131	
5930	00-835-3094	Switch, toggle .. ..	5930	00-845-5840	
5930	00-853-0745	Switch, toggle .. ..	5930	00-552-9587	
5930	00-861-2554	Switch, toggle .. ..	5930	00-658-7431	
5930	00-897-8028	Switch, push .. ..	5930	00-519-4643	
5930	00-898-7660	Switch, rotary .. ..	5930	00-794-3591	
5930	00-984-2047	Switch, toggle .. ..	5930	00-606-8550	
5930	00-984-3556	Switch, push .. ..	5930	00-820-9546	
5930	00-779-3636	Switch, rotary .. ..	5930	00-751-7786	
5930	00-794-3574	Resistor, variable .. ..	5905	00-086-2216	
5930	00-243-8068	Switch, sensitive .. ..	5930	00-086-1723	
5930	00-519-6944	Switch, lever .. ..	5930	00-044-2783	
5930	00-L46708	Switch, rotary .. ..	5930	00-706-8498	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 505/87/655)

## UNCLASSIFIED

### 560—Stores (General) (Group Class 5935)—Connectors Electrical— Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5935	00-248-2375	Connector elect .. ..	5935	00-223-0577	
5935	00-257-7060	Connector elect .. ..	5935	00-549-8225	
5935	00-257-7324	Connector elect .. ..	5935	00-553-2249	
5935	00-258-0157	Connector elect .. ..	5935	00-199-0247	

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5935	00-258-1925	Connector elect .. ..	5935	00-500-9202	
5935	00-258-3258	Relay assembly .. ..	5945	00-258-3258	
5935	00-258-7410	Connector elect .. ..	5935	00-173-5895	
5935	00-258-8057	Connector elect .. ..	5935	00-838-7666	
5935	00-259-0594	Connector elect .. ..	5935	00-259-0595	
5935	00-259-9186	Resistor fixed wire .. ..	5905	00-259-9186	
5935	00-280-1944	Connector elect .. ..	5935	00-500-5018	
5935	00-280-2203	Connector elect .. ..	5935	00-615-9176	
5935	00-280-2235	Connector elect .. ..	5935	00-258-7852	
5935	00-283-3356	Connector elect .. ..	5935	00-149-2758	
5935	00-316-9511	Connector elect .. ..	5935	00-201-2469	
5935	00-500-9888	Connector elect .. ..	5935	00-262-7858	
5935	00-502-9251	Connector elect .. ..	5935	00-283-2916	
5935	00-503-9458	Connector elect .. ..	5935	00-617-2849	
5935	00-518-7462	Connector elect .. ..	5935	00-682-0374	
5935	00-522-2384	Nut, plain .. ..	5310	00-522-2384	
5935	00-538-2785	Amplifier, trigger .. ..	5840	00-538-2785	
5935	00-539-0194	Connector elect .. ..	5935	00-681-5685	
5935	00-539-0847	Connector elect .. ..	5935	00-295-5356	
5935	00-549-1217	Connector elect .. ..	5935	00-173-7794	
5935	00-552-6842	Connector .. ..	5935	00-577-2337	
5935	00-502-7113	Connector .. ..	5935	00-565-0067	
5935	00-839-0716	Connector .. ..	5935	00-687-1301	
5935	00-877-8776	Insulator plate .. ..	5970	00-877-8776	
5935	00-260-0517	Connector .. ..	5935	00-201-3941	
5935	00-702-0125	Connector .. ..	5935	00-683-7892	
5935	00-306-2254	Connector .. ..	5935	00-149-3483	
5935	00-581-4520	Connector .. ..	5935	00-810-7227	
5935	00-827-8562	Connector .. ..	5935	00-240-8166	
5935	00-329-5201	Connector .. ..	5935	00-129-3081	
5935	00-026-9700	Holder, semi-conductor .. ..	5961	00-026-9700	
5935	00-189-5222	Connector .. ..	5935	00-295-5006	
5935	00-195-9024	Connector .. ..	5935	00-280-2834	
5935	00-201-2353	Connector .. ..	5935	00-082-0481	
5935	00-204-9224	Connector .. ..	5935	00-504-4183	
5935	00-210-7969	Lever, engine nacelle .. ..	1560	00-210-7969	
5935	00-223-0580	Connector .. ..	5935	00-666-4860	
5935	00-229-4558	Connector .. ..	5935	00-258-0354	
5935	00-237-4632	Connector .. ..	5935	00-825-9767	
5935	00-241-9514	Connector .. ..	5935	00-201-7928	
5935	00-243-0458	Connector .. ..	5935	00-821-4957	
5935	00-583-2346	Connector recep .. ..	5935	00-727-2106	
5935	00-583-8052	Connector recep .. ..	5935	00-829-2711	
5935	00-586-7039	Connector .. ..	5935	00-842-3609	
5935	00-586-7884	Connector .. ..	5935	00-581-6400	
5935	00-606-8122	Connector .. ..	5935	00-660-3768	
5935	00-615-6784	Switch .. ..	5930	00-615-6784	
5935	00-618-9564	Modification kit .. ..	1450	00-618-9564	
5935	00-623-4923	Shaft .. ..	1680	00-623-4923	
5935	00-633-1434	Connector .. ..	5935	00-633-7066	
5935	00-646-5802	Connector .. ..	5935	00-545-3886	

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5935	00-660-6005	Connector elect .. ..	5935	00-702-3466	
5935	00-660-6913	Connector elect .. ..	5935	00-583-2269	
5935	00-665-4355	Connector .. ..	5935	00-201-8429	
5935	00-666-1334	Connector .. ..	5935	00-827-5656	
5935	00-666-4338	Connector .. ..	5935	00-636-6591	
5935	00-666-4849	Connector .. ..	5935	00-223-0574	
5935	00-680-9970	Terminal board .. ..	5940	00-680-9970	
5935	00-681-6685	Transformer, variable power ..	5950	00-681-6685	
5935	00-683-7685	Connector elect .. ..	5935	00-259-4690	
5935	00-685-9959	Connector elect .. ..	5935	00-257-8683	
5935	00-686-2612	Connector elect .. ..	5935	00-805-5275	
5935	00-710-6748	Connector elect .. ..	5935	00-811-7638	
5935	00-713-8388	Connector elect .. ..	5935	00-871-8052	
5935	00-721-0371	Connector elect .. ..	5935	00-681-4099	
5935	00-721-2423	Connector elect .. ..	5935	00-539-0851	
5935	00-725-4597	Connector elect .. ..	5935	00-846-8101	
5935	00-726-1130	Connector elect .. ..	5935	00-686-9915	
5935	00-729-7300	Connector elect .. ..	5935	00-502-7771	
5935	00-729-7781	Connector elect .. ..	5935	00-660-5914	
5935	00-747-9969	Knob .. ..	5355	00-747-9969	
5935	00-752-2702	Connector elect .. ..	5935	00-259-7427	
5935	00-752-2895	Connector elect .. ..	5935	00-257-9582	
5935	00-754-9024	Connector elect .. ..	5935	00-062-1153	
5935	00-779-9394	Coupler transmission line ..	5985	00-779-9394	
5935	00-806-2638	Valve, regulating .. ..	6685	00-806-2638	
5935	00-809-2115	Connector elect .. ..	5935	00-885-6505	
5935	00-810-9409	Connector elect .. ..	5935	00-061-7747	
5935	00-811-3234	Connector elect .. ..	5935	00-615-8571	
5935	00-812-6413	Connector elect .. ..	5935	00-854-7465	
5935	00-795-2840	Connector elect .. ..	5935	00-062-1156	
5935	00-800-1622	Connector elect .. ..	5935	00-577-2534	
5935	00-549-4939	Connector elect .. ..	5935	00-204-8161	
5935	00-552-1057	Holder assy .. ..	5977	00-552-1057	
5935	00-556-7486	Connector elect .. ..	5935	00-256-8693	
5935	00-557-0601	Cable assy special .. ..	6680	00-557-0601	
5935	00-565-6859	Stud fuel system .. ..	5307	00-565-6859	
5935	00-578-3381	Connector elect .. ..	5935	00-027-8917	
5935	00-578-4028	Connector elect .. ..	5935	00-655-4370	
5935	00-578-9650	Connector elect .. ..	5935	00-257-9082	
5935	00-580-0598	Muffler exhaust .. ..	2990	00-580-0598	
5935	00-581-6757	Resistor fixed .. ..	5905	00-581-6757	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/81/113)

## UNCLASSIFIED

561—Stores (General) (Group Class 5950)—Coils and Transformers—  
Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5950	00-013-7371	Coil, radio frequency .. ..	5950	00-952-3196	
5950	00-013-7372	Coil, radio frequency .. ..	5950	00-852-0904	
5950	00-013-7373	Coil, radio frequency .. ..	5950	00-815-7305	
5950	00-013-7424	Coil, radio frequency .. ..	5950	00-838-8657	
5950	00-015-3837	Network .. ..	1220	00-015-3837	
5950	00-020-2215	Coil .. ..	5950	00-993-8954	
5950	00-060-8094	Coil, radio frequency .. ..	5950	00-060-9687	
5950	00-061-0091	Reactor .. ..	5950	00-808-4397	
5950	00-061-2192	Coil, radio frequency .. ..	5950	00-081-2204	
5950	00-061-2194	Coil, radio frequency .. ..	5950	00-081-2205	
5950	00-061-6065	Coil, radio frequency .. ..	5950	00-060-9746	
5950	00-080-1190	Coil, radio frequency .. ..	5950	00-042-4694	
5950	00-083-3020	Coil, radio frequency .. ..	5950	00-060-6833	
5950	00-156-2142	Reactor .. ..	5950	00-648-1998	
5950	00-348-0492	Transformer .. ..	5950	00-865-3179	
5950	00-370-0048	Coil, radio frequency .. ..	5950	00-645-4448	
5950	00-392-0306	Coil, solenoid .. ..	5950	00-645-3492	
5950	00-518-2022	Coil, radio frequency .. ..	5950	00-266-0631	
5950	00-532-7153	Coil, radio frequency .. ..	5950	00-648-0823	
5950	00-552-8181	Transformer, pulse .. ..	5950	00-615-0127	
5950	00-553-3562	Coil, radio frequency .. ..	5950	00-824-3205	
5950	00-581-9423	Coil, radio frequency .. ..	5950	00-881-5240	
5950	00-581-9784	Coil, radio frequency .. ..	5950	00-686-6425	
5950	00-593-5223	Transformer .. ..	5950	00-052-1018	
5950	00-606-9402	Actuator assy .. ..	2995	00-606-9402	
5950	00-629-8859	Coil, relay .. ..	5950	00-552-1072	
5950	00-645-3013	Coil, radio frequency .. ..	5950	00-266-0631	
5950	00-645-4206	Coil, radio frequency .. ..	5950	00-041-2143	
5950	00-647-6615	Reactor .. ..	5950	00-231-1935	
5950	00-647-9409	Coil, radio frequency .. ..	5950	00-538-0590	
5950	00-675-0115	Crystal, current .. ..	1280	00-675-0115	
5950	00-681-6648	Coil, radio frequency .. ..	5950	00-660-4604	
5950	00-683-3374	Coil, radio frequency .. ..	5950	00-505-0257	
5950	00-774-5201	Coil, radio frequency .. ..	5915	00-774-5201	
5950	00-778-4946	Transformer, power .. ..	5950	00-866-4060	
5950	00-799-0044	Coil, radio frequency .. ..	5950	00-618-5193	
5950	00-799-8171	Transformer .. ..	5950	00-645-4412	
5950	00-802-1805	Coil, radio frequency .. ..	5950	00-059-3904	
5950	00-814-8339	Coil, radio frequency .. ..	5950	00-914-7865	
5950	00-819-6860	Coil, radio frequency .. ..	5950	00-059-3903	
5950	00-850-5841	Screw drive .. ..	5305	00-850-5841	
5950	00-878-8810	Transformer, power .. ..	5950	00-615-0965	
5950	00-878-9598	Coil, radio frequency .. ..	5950	00-060-9188	

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	Item Name
5950	00-898-1894	Coil, radio frequency .. ..	5950	00-668-6676	
5950	00-L46701	Transformer, audio frequency .. ..	5950	00-838-4355	
5950	00-L46702	Transformer, audio frequency .. ..	5950	00-823-3155	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/62/151)

#### UNCLASSIFIED

#### 562—Stores (General) (Group Class 5955)—Piezoelectric Crystals—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	Item Name
5955	00-267-4201	Crystal unit, quartz .. ..	5955	00-892-3649	
5955	00-323-0508	Probe, waveguide .. ..	6625	00-392-5467	
5955	00-513-3894	Holder, crystal .. ..	5960	00-372-3410	
5955	00-642-8271	Crystal unit, quartz .. ..	5955	00-087-0603	
5955	00-667-4213	Crystal unit, quartz .. ..	5955	00-667-2665	
5955	00-668-6690	Crystal unit, quartz .. ..	5955	00-250-0568	
5955	00-678-1956	Crystal unit, quartz .. ..	5955	00-615-4379	
5955	00-892-3481	Crystal unit, quartz .. ..	5955	00-954-3618	
5955	00-892-3552	Crystal unit, quartz .. ..	5955	00-951-8937	
5955	00-892-3717	Crystal unit, quartz .. ..	5955	00-087-7897	
5955	00-892-3879	Crystal unit, quartz .. ..	5955	00-951-9029	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/64/77)

#### UNCLASSIFIED

#### 563—Stores (General) (Group Class 5960)—Electron Tubes and Associated Hardware—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	Item Name
5960	00-034-7911	Electron tube .. ..	5960	00-272-8546	
5960	00-081-8645	Semi-conductor .. ..	5960	00-027-2023	
5960	00-100-5890	Electron tube .. ..	5960	00-548-8785	

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	Item Name
5960	00-128-1815	Retainer, electrical .. ..	5960	00-568-0789	
5960	00-188-1541	Shield, electron .. ..	5960	00-271-1396	
5960	00-189-5458	Electron tube .. ..	5960	00-686-6757	
5960	00-214-6760	Retainer, electrical .. ..	5960	00-249-5005	
5960	00-215-5881	Retainer, electrical .. ..	5960	00-284-4189	
5960	00-225-4914	Semi-conductor .. ..	5960	00-850-9438	
5960	00-230-5235	Electron tube .. ..	5960	00-262-1357	
5960	00-230-5272	Electron tube .. ..	5960	00-681-9523	
5960	00-246-3432	Contact, electrical .. ..	6625	00-312-0197	
5960	00-248-3060	Electron tube .. ..	5960	00-284-9285	
5960	00-248-3241	Retainer, electrical .. ..	5960	00-273-2475	
5960	00-257-8671	Contact, electrical .. ..	5960	00-049-7709	
5960	00-261-9661	Photo-electric .. ..	5960	00-189-6509	
5960	00-262-0010	Shield, electron .. ..	5960	00-752-5857	
5960	00-262-0150	Electron tube .. ..	5960	00-543-0219	
5960	00-262-0185	Electron tube .. ..	5960	00-879-5078	
5960	00-262-0964	Electron tube .. ..	5960	00-503-4880	
5960	00-262-3763	Electron tube .. ..	5960	00-624-4718	
5960	00-281-0799	Electron tube .. ..	5960	00-615-6157	
5960	00-284-5994	Resistor, voltage .. ..	5905	00-351-8087	
5960	00-284-6016	Semi-conductor device .. ..	5961	00-284-6016	
5960	00-284-6516	Semi-conductor device .. ..	5961	00-284-6516	
5960	00-284-7502	Electron tube .. ..	5960	00-275-7497	
5960	00-295-4320	Clip, electrical .. ..	5940	00-186-8951	
5960	00-295-7683	Retainer, electrical .. ..	5960	00-170-4438	
5960	00-296-9867	Electron tube .. ..	5960	00-578-8178	
5960	00-300-1139	Resistor, current .. ..	5905	00-665-9761	
5960	00-300-1152	Electron tube .. ..	5960	00-114-4868	
5960	00-319-0581	Electron tube .. ..	5960	00-166-7674	
5960	00-322-2744	Retainer, electrical .. ..	5960	00-284-6893	
5960	00-322-8165	Retainer, electrical .. ..	5960	00-280-3759	
5960	00-390-5251	Electron tube .. ..	5960	00-188-0969	
5960	00-474-6710	Transistor .. ..	5961	00-474-6710	
5960	00-503-4455	Semi-conductor device .. ..	5961	00-503-4455	
5960	00-503-4877	Electron tube .. ..	5960	00-170-4589	
5960	00-507-9954	Transistor .. ..	5960	00-740-3083	
5960	00-510-7474	Electron tube .. ..	5960	00-230-5291	
5960	00-521-9554	Retainer, electrical .. ..	5960	00-249-4973	
5960	00-535-4558	Electron tube .. ..	5960	00-188-8565	
5960	00-538-1315	Electron tube .. ..	5960	00-262-0222	
5960	00-538-6209	Electron tube .. ..	5960	00-813-8567	
5960	00-542-7017	Electron tube .. ..	5960	00-262-0160	
5960	00-543-0490	Semi-conductor device .. ..	5961	00-543-0490	
5960	00-543-1206	Semi-conductor device .. ..	5961	00-543-1206	
5960	00-548-8171	Semi-conductor device .. ..	5961	00-548-8171	
5960	00-549-0746	Switch, sensitive .. ..	5930	00-549-0746	
5960	00-553-4364	Semi-conductor device .. ..	5961	00-553-4364	
5960	00-553-4851	Retainer, electrical .. ..	5960	00-284-9712	
5960	00-556-2091	Semi-conductor device .. ..	5961	00-556-2091	
5960	00-564-4755	Shield, electron .. ..	5960	00-578-8259	
5960	00-566-3668	Retainer, electrical .. ..	5960	00-754-7207	

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5960	00-578-1772	Semi-conductor device .. ..	5961	00-578-1772	
5960	00-581-8093	Semi-conductor .. ..	5960	00-577-6181	
5960	00-581-9781	Shield, electron .. ..	5960	00-556-2621	
5960	00-593-8603	Semi-conductor .. ..	5960	00-556-9573	
5960	00-594-7618	Electron tube .. ..	5960	00-644-2892	
5960	00-601-3441	Retainer, electrical .. ..	5960	00-273-2458	
5960	00-602-9635	Retainer, electrical .. ..	5960	00-274-4188	
5960	00-611-7773	Shield, electron .. ..	5960	00-581-9018	
5960	00-615-0367	Transistor .. ..	5961	00-615-0367	
5960	00-615-9584	Electron tube .. ..	5960	00-262-3781	
5960	00-617-3846	Transistor .. ..	5960	00-577-6079	
5960	00-617-4342	Transistor .. ..	5961	00-752-5240	
5960	00-620-3568	Semi-conductor device .. ..	5961	00-620-3568	
5960	00-621-9017	Semi-conductor .. ..	5960	00-811-4842	
5960	00-631-6887	Retainer, electrical .. ..	5960	00-241-2909	
5960	00-633-1161	Shield, electron .. ..	5960	00-819-3926	
5960	00-636-1140	Electron tube .. ..	5960	00-647-2760	
5960	00-636-4415	Retainer, electrical .. ..	5960	00-151-7562	
5960	00-642-7557	Electron tube .. ..	5960	00-636-2218	
5960	00-644-5511	Retainer, electrical .. ..	5960	00-264-7932	
5960	00-672-3704	Shield, electron .. ..	5960	00-560-7147	
5960	00-681-9523	Electron tube .. ..	5960	00-985-9059	
5960	00-682-9178	Semi-conductor device .. ..	5961	00-682-9178	
5960	00-688-9003	Electron tube .. ..	5960	00-583-4071	
5960	00-690-5502	Electron tube .. ..	5960	00-583-0611	
5960	00-691-3752	Electron tube .. ..	5960	00-261-8679	
5960	00-691-3753	Electron tube .. ..	5960	00-577-3078	
5960	00-698-3768	Electron tube .. ..	5960	00-583-0566	
5960	00-698-3772	Electron tube .. ..	5960	00-237-6917	
5960	00-698-4009	Retainer, electrical .. ..	5960	00-151-7574	
5960	00-698-4100	Electron tube .. ..	5960	00-239-1993	
5960	00-698-4102	Electron tube .. ..	5960	00-248-3091	
5960	00-704-6443	Semi-conductor .. ..	5960	00-583-4465	
5960	00-708-7138	Transistor .. ..	5960	00-722-2230	
5960	00-709-8869	Clip, electrical .. ..	5960	00-729-7604	
5960	00-711-4642	Shield, electron .. ..	5960	00-564-4772	
5960	00-727-0605	Transistor .. ..	5961	00-727-0605	
5960	00-737-7262	Transistor .. ..	5961	00-737-7262	
5960	00-752-5240	Transistor .. ..	5961	00-752-5240	
5960	00-752-5861	Electron tube .. ..	5960	00-230-5307	
5960	00-771-4632	Electron tube .. ..	5960	00-577-1343	
5960	00-771-4869	Shield, electron .. ..	5960	00-685-8893	
5960	00-771-4870	Electron tube .. ..	5960	00-564-4755	
5960	00-775-8147	Radiator, transistor .. ..	5961	00-775-8147	
5960	00-792-4567	Semi-conductor device .. ..	5960	00-284-6016	
5960	00-801-0634	Heat sink, semi-conductor .. ..	5960	00-821-3457	
5960	00-807-2519	Semi-conductor .. ..	5960	00-679-2158	
5960	00-813-4314	Screw, cap, socket .. ..	5960	00-810-4389	
5960	00-813-4322	Transistor .. ..	5961	00-813-4322	
5960	00-819-1611	Transistor .. ..	5961	00-819-1611	
5960	00-820-8452	Transistor .. ..	5960	00-752-5743	

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5960	00-821-2309	Semi-conductor device .. ..	5961	00-821-2309	
5960	00-821-3457	Retainer .. ..	5961	00-878-5222	
5960	00-822-8872	Electron tube .. ..	5960	00-193-5085	
5960	00-827-0283	Electron tube .. ..	5960	00-296-0517	
5960	00-833-1384	Electron tube .. ..	5960	00-820-8717	
5960	00-834-4886	Shield, electron .. ..	5960	00-686-8087	
5960	00-852-0226	Electron tube .. ..	5960	00-557-6780	
5960	00-852-7549	Semi-conductor device .. ..	5961	00-852-7549	
5960	00-853-7742	Semi-conductor .. ..	5960	00-846-9157	
5960	00-871-2820	Transistor .. ..	5960	00-802-7965	
5960	00-892-0914	Semi-conductor device .. ..	5961	00-892-0914	
5960	00-954-4535	Electron tube .. ..	5960	00-764-2107	
5960	00-956-3044	Maintenance kit .. ..	5821	00-704-1602	
5960	00-964-1730	Semi-conductor .. ..	5960	00-878-4286	
5960	00-975-2175	Semi-conductor device .. ..	5961	00-975-2175	
5960	00-984-3156	Transistor .. ..	5961	00-984-3156	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 Catalogue of Stores will be amended in due course.

(DSAP 519/54/388)

## UNCLASSIFIED

### 564—Stores (General) (Group Class 5970)—Electrical Insulators and Associated Hardware—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5970	00-078-7266	Insulating compound .. ..	5970	00-159-1598	
5970	00-117-5204	Insulator, standoff .. ..	5970	00-117-5206	
5970	00-242-7760	Insulator, standoff .. ..	5970	00-117-5225	
5970	00-284-7573	Insulator, strain .. ..	5970	00-617-6279	
5970	00-284-8424	Insulator, bowl .. ..	5970	00-159-1400	
5970	00-284-8475	Insulator, sleeve .. ..	5970	00-581-3894	
5970	00-284-8801	Insulator, bushing .. ..	5970	00-280-9427	
5970	00-284-9171	Insulator, strain .. ..	5970	00-661-0160	
5970	00-285-0971	Insulator, washer .. ..	5970	00-265-6155	
5970	00-295-9545	Insulator, bushing .. ..	5970	00-117-5046	
5970	00-308-0400	Insulator, standoff .. ..	5970	00-296-5946	
5970	00-310-7076	Insulator, bushing .. ..	5970	00-310-7066	
5970	00-333-3906	Corrosion, preventive .. ..	8030	00-333-3906	
5970	00-391-9609	Retainer, electrical .. ..	5960	00-249-9619	
5970	00-501-0810	Insulator, standoff .. ..	5960	00-117-4968	
5970	00-534-2711	Insulator, bushing .. ..	5970	00-310-7055	

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5970	00-538-0328	Insulator, standoff .. ..	5970	00-280-4862	
5970	00-538-6493	Insulator, standoff .. ..	5970	00-175-2736	
5970	00-552-0270	Insulator, standoff .. ..	5970	00-151-8012	
5970	00-552-0254	Insulator, standoff .. ..	5970	00-151-7973	
5970	00-552-9844	Insulator, standoff .. ..	5970	00-636-2000	
5970	00-617-6114	Insulator, standoff .. ..	5970	00-117-5139	
5970	00-619-0652	Hinge, butt .. ..	5340	00-619-0652	
5970	00-636-0384	Insulator, wash .. ..	5970	00-246-7391	
5970	00-636-0738	Insulator, standoff .. ..	5970	00-151-8028	
5970	00-665-2734	Insulator, standoff .. ..	5970	00-117-5189	
5970	00-696-2736	Insulator, bowl .. ..	5970	00-280-9935	
5970	00-698-2109	Insulator, bushing .. ..	5970	00-281-0985	
5970	00-698-2111	Insulator, bushing .. ..	5970	00-281-0992	
5970	00-705-9807	Antenna RH transmitter .. ..	5895	00-705-9807	
5970	00-738-5230	Mounting pad .. ..	5970	00-957-6548	
5970	00-867-8387	Insulator, standoff .. ..	5970	00-151-8000	
5970	00-946-0947	Mounting pad, electrical .. ..	5961	00-946-0947	
5970	00-957-6548	Mounting pad, transistor .. ..	5961	00-957-6548	
5970	00-677-8161	Insulator, bind .. ..	5340	00-677-8161	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/71/134)

#### UNCLASSIFIED

##### 565—Stores (General) (Group Class 5977)—Electrical Contact Brushes and Electrodes—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5977	00-199-6164	Brush, electrical .. ..	5977	00-246-3330	
5977	00-228-7111	Brush, electrical .. ..	5977	00-239-4121	
5977	00-280-4725	Brush, electrical .. ..	5977	00-217-0465	
5977	00-319-1404	Spring, helical .. ..	5977	00-334-0469	
5977	00-538-1257	Brush, electrical .. ..	5977	00-642-8466	
5977	00-627-0522	Brush, electrical .. ..	5977	00-590-2123	
5977	00-694-9460	Holder, electric .. ..	5977	00-387-3436	
5977	00-800-2636	Brush, electrical .. ..	5977	00-851-9761	
5977	00-306-0870	Brush, electrical .. ..	5930	00-306-0870	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/71/196)

#### UNCLASSIFIED

##### 566—Stores (General) (Group Class 5990)—Synchros and Resolvers—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5990	00-312-4596	Resolver, electrical .. ..	5990	00-503-2917	
5990	00-644-3364	Resolver, electrical .. ..	5990	00-503-2917	
5990	00-686-4687	Resolver, electrical .. ..	5990	00-553-3748	
5990	00-711-6731	Synchro, control .. ..	5990	00-268-9068	
5990	00-726-3514	Resolver, electrical .. ..	5990	00-617-1422	
5990	00-849-9674	Semi-conductor device, diode .. ..	5961	00-849-9674	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/68/82)

#### UNCLASSIFIED

##### 567—Stores (General) (Group Class 6130)—Power Conversion Equipment, Electrical—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
6130	00-312-8201	Rectifier, metallic .. ..	6130	00-643-2385	
6130	00-507-1107	Rectifier, metallic .. ..	6130	00-643-0302	
6130	00-507-1110	Rectifier, metallic .. ..	6130	00-635-8169	
6130	00-511-9794	Rectifier, metallic .. ..	6130	00-548-0791	
6130	00-513-2894	Rectifier, metallic .. ..	6130	00-635-4549	
6130	00-539-9266	Rectifier, metallic .. ..	6130	00-635-8180	
6130	00-553-6243	Rectifier, metallic .. ..	6130	00-635-8505	
6130	00-557-3046	Rectifier, metallic .. ..	6130	00-264-5833	
6130	00-635-8881	Rectifier, metallic .. ..	6130	00-635-3408	
6130	00-691-8552	Rectifier, metallic .. ..	6130	00-311-5696	
6130	00-713-6945	Rectifier, semi-conductor .. ..	5961	00-845-0558	
6130	00-074-2135	Rectifier, semi-conductor .. ..	5961	00-074-2135	
6130	00-897-8415	Rectifier, semi-conductor .. ..	5961	00-897-8415	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 1108/53/60)

## UNCLASSIFIED

**568—Stores (General) (Group Class 6135)—Batteries Primary—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
6135	00-864-7048	Battery, dry .. ..	6135	00-120-1020	
6135	66-L12304	Battery, dry 90/7.5V .. ..	6135	66-015-9365	
6135	66-L12321	Battery, dry 1.5V .. ..	6135	66-012-9366	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/74/71)

## UNCLASSIFIED

**569—Stores (General) (Group Class 6145)—Wire and Cable, Electrical—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
6145	00-161-0909	Cable, radio frequency .. ..	6145	00-542-6092	
6145	00-171-3056	Cable, radio frequency .. ..	6145	00-553-7822	
6145	00-184-6130	Cable, telephone .. ..	6145	00-184-1221	
6145	00-191-3261	Cable, power, electrical .. ..	6145	00-184-1114	
6145	00-222-0369	Cable, radio frequency .. ..	6145	00-542-6087	
6145	00-222-0370	Cable, radio frequency .. ..	6145	00-812-3943	
6145	00-283-9014	Cable, power, electrical .. ..	6145	00-260-8797	
6145	00-283-9641	Wire, electrical .. ..	6145	00-249-8781	
6145	00-299-7671	Wire, electrical .. ..	6145	00-229-9862	
6145	00-311-8890	Wire, electrical .. ..	6145	00-688-5520	
6145	00-331-3183	Cable, radio frequency .. ..	6145	00-170-7837	
6145	00-334-0065	Cable, special .. ..	6145	00-184-4343	
6145	00-351-3111	Cable, power, electrical .. ..	6145	00-184-1112	
6145	00-500-2732	Cable, radio frequency .. ..	6145	00-161-0889	
6145	00-500-3091	Cable, power, electrical .. ..	6145	00-283-9634	
6145	00-506-4348	Cable, radio frequency .. ..	6145	00-161-0906	
6145	00-519-0000	Cable, special purpose .. ..	6145	00-635-1541	
6145	00-539-9883	Cable, radio frequency .. ..	6145	00-500-0794	
6145	00-542-6468	Cable, radio frequency .. ..	6145	00-080-6515	
6145	00-548-0712	Cable, radio frequency .. ..	6145	00-161-0909	
6145	00-548-0725	Cable, radio frequency .. ..	6145	00-500-2736	

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
6145	00-556-8867	Cable, radio frequency .. ..	6145	00-577-8113	
6145	00-643-2175	Cable, radio frequency .. ..	6145	00-161-0887	
6145	00-811-5352	Cable, radio frequency .. ..	6145	00-655-2728	
6145	00-864-9612	Cable, radio frequency .. ..	6145	00-161-0913	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/73/297)

## UNCLASSIFIED

**570—Stores (General) (Group Class 6210)—Indoor and Outdoor Electric Lighting Fixtures—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
6210	00-174-1033	Lens, indicator .. ..	6210	00-299-5804	
6210	00-186-7983	Light, indicator .. ..	6210	00-264-7024	
6210	00-232-3662	Light, indicator .. ..	6210	00-232-1485	
6210	00-233-5337	Light, indicator .. ..	6210	00-500-1954	
6210	00-255-3602	Lens, indicator .. ..	6210	00-299-3892	
6210	00-264-6412	Lens, indicator .. ..	6210	00-752-2143	
6210	00-264-6413	Lens, indicator .. ..	6210	00-752-2146	
6210	00-264-7011	Light, indicator .. ..	6210	00-500-1448	
6210	00-283-9231	Light, indicator .. ..	6210	00-238-0059	
6210	00-283-9708	Light, panel .. ..	6220	00-519-2653	
6210	00-283-9839	Light, indicator .. ..	6210	00-299-7134	
6210	00-284-1419	Light, indicator .. ..	6210	00-284-0710	
6210	00-295-1807	Light, indicator .. ..	6210	00-538-8614	
6210	00-295-1870	Light, indicator .. ..	6210	00-174-8909	
6210	00-299-3880	Lens, indicator .. ..	6210	00-228-6022	
6210	00-299-4306	Light, indicator .. ..	6210	00-235-9174	
6210	00-299-5389	Light, indicator .. ..	6210	00-232-8185	
6210	00-299-6114	Lens, indicator .. ..	6210	00-188-8778	
6210	00-299-6840	Lens, indicator .. ..	6210	00-643-0683	
6210	00-299-7490	Light, indicator .. ..	6210	00-810-7583	
6210	00-299-7761	Light, indicator .. ..	6210	00-351-4497	
6210	00-324-2405	Light, panel .. ..	6210	00-351-4528	
6210	00-351-4497	Light, indicator .. ..	6210	00-299-4981	
6210	00-500-1448	Light, indicator .. ..	6210	00-635-4700	
6210	00-500-1954	Light, indicator .. ..	6210	00-500-3618	
6210	00-504-1619	Light, indicator .. ..	6210	00-617-1491	
6210	00-510-0521	Light, indicator .. ..	6210	00-283-9318	
6210	00-521-9026	Light, indicator .. ..	6210	00-542-6832	



Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
6210	00-532-5674	Lens, indicator .. ..	6210	00-519-2541
6210	00-537-4473	Lens, indicator .. ..	6210	00-299-6840
6210	00-537-4476	Lens, indicator .. ..	6210	00-299-6114
6210	00-546-2243	Lens, indicator .. ..	6210	00-578-6458
6210	00-548-0062	Light, indicator .. ..	6210	00-299-5105
6210	00-553-0521	Light, indicator .. ..	6210	00-812-3489
6210	00-553-7956	Light, indicator .. ..	6210	00-578-6452
6210	00-564-6507	Lamp, glow .. ..	6240	00-883-8461
6210	00-569-5636	Light, indicator .. ..	6210	00-299-5227
6210	00-578-7184	Light, indicator .. ..	6220	00-553-1076
6210	00-583-3721	Light, indicator .. ..	6210	00-199-8633
6210	00-583-9702	Light, indicator .. ..	6210	00-519-0845
6210	00-592-0641	Light, indicator .. ..	6210	00-825-8599
6210	00-617-1680	Light, indicator .. ..	6210	00-299-6509
6210	00-643-0666	Lens, indicator .. ..	6210	00-669-6540
6210	00-643-0726	Light, indicator .. ..	6210	00-843-5378
6210	00-643-3585	Light, indicator .. ..	6210	00-643-4891
6210	00-660-8630	Light, indicator .. ..	6210	00-299-7490
6210	00-660-8841	Light, indicator .. ..	6210	00-295-0386
6210	00-683-0165	Lens, indicator .. ..	6210	00-526-0637
6210	00-683-1726	Light, indicator .. ..	6210	00-553-7437
6210	00-725-5523	Light, indicator .. ..	6220	00-688-5088
6210	00-729-8509	Light, indicator .. ..	6210	00-635-3776
6210	00-753-1956	Lens, indicator .. ..	6210	00-247-1786
6210	00-768-7319	Light, indicator .. ..	6210	00-577-8289
6210	00-785-6497	Light, indicator .. ..	6210	00-583-9953
6210	00-802-0330	Light, indicator .. ..	6210	00-232-8166
6210	00-806-9612	Light, indicator .. ..	6210	00-578-6587
6210	00-809-8994	Lens, indicator .. ..	6210	00-978-8463
6210	00-834-6288	Lens, indicator .. ..	6210	00-553-0445
6210	00-895-0342	Light, indicator .. ..	6210	00-660-8462
6210	00-908-5081	Light, indicator .. ..	6210	00-905-8178
6210	00-960-0315	Light, indicator .. ..	6240	00-960-0315
6210	00-978-6747	Lens, indicator .. ..	6210	00-753-2834
6210	00-978-8811	Lens, indicator .. ..	6210	00-842-2626
6210	00-987-6655	Light, indicator .. ..	5340	00-441-0620
6210	00-995-4297	Light, indicator .. ..	6210	00-813-8265
6210	00-247-1786	Lens, indicator .. ..	6210	00-548-0157
6210	00-247-1788	Lens, indicator .. ..	6210	00-561-7876
6210	00-284-0355	Light, indicator .. ..	6210	00-299-4935
6210	00-299-4040	Light, indicator .. ..	6210	00-299-4981
6210	00-299-4587	Light, indicator .. ..	6210	00-299-4824
6210	00-583-3747	Light, indicator .. ..	6210	00-548-0444

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/75/164)

## UNCLASSIFIED

## 571—Stores (General) (Group Class 6240)—Electric Lamps—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
6240	00-019-3145	Lamp .. ..	6240	00-011-5273
6240	00-023-9751	Lamp .. ..	6240	00-155-7857
6240	00-099-3399	Lamp .. ..	6240	00-179-1814
6240	00-132-5359	Lamp .. ..	6240	00-542-7985
6240	00-132-5360	Lamp .. ..	6240	00-132-5354
6240	00-143-3041	Lamp .. ..	6240	00-295-2689
6240	00-155-8657	Lamp .. ..	6240	00-617-1719
6240	00-223-9103	Lamp .. ..	6240	00-299-6970
6240	00-283-0495	Lamp .. ..	6240	00-013-1282
6240	00-283-9762	Lamp .. ..	6240	00-151-7642
6240	00-284-0851	Lamp .. ..	6240	00-156-1568
6240	00-284-1331	Lamp .. ..	6240	00-542-6571
6240	00-295-1673	Lamp .. ..	6240	00-155-7864
6240	00-295-2688	Lamp .. ..	6240	00-143-3040
6240	00-295-2722	Lamp .. ..	6240	00-099-8606
6240	00-299-5768	Lamp .. ..	6240	00-179-1812
6240	00-299-7687	Lamp .. ..	6240	00-057-2887
6240	00-322-7579	Lamp .. ..	6240	00-132-5351
6240	00-322-8639	Lamp .. ..	6240	00-155-7929
6240	00-322-8641	Lamp .. ..	6240	00-143-7510
6240	00-336-8660	Lamp .. ..	6240	00-143-3049
6240	00-500-1609	Lamp .. ..	6240	00-295-1368
6240	00-500-3513	Lamp .. ..	6240	00-155-7836
6240	00-500-3611	Lamp .. ..	6240	00-155-8634
6240	00-500-3650	Lamp .. ..	6240	00-155-7902
6240	00-500-3693	Lamp .. ..	6240	00-797-8600
6240	00-500-3695	Lamp .. ..	6240	00-143-3124
6240	00-525-1877	Lamp .. ..	6240	00-155-8014
6240	00-537-3687	Lamp .. ..	6240	00-300-6897
6240	00-542-6669	Lamp .. ..	6240	00-237-7877
6240	00-586-5660	Lamp .. ..	6240	00-155-7793
6240	00-643-2994	Lamp .. ..	6240	00-542-6219
6240	00-683-1080	Lamp .. ..	6240	00-269-0944
6240	00-698-3983	Lamp .. ..	6240	00-669-6554
6240	00-722-2102	Lamp .. ..	6240	00-577-8456
6240	00-725-3200	Lamp .. ..	6240	00-155-8714
6240	00-727-7263	Lamp .. ..	6240	00-153-6515
6240	00-797-8600	Lamp .. ..	6240	00-143-3050
6240	00-797-9455	Lamp .. ..	6240	00-538-8887
6240	00-799-1501	Lamp .. ..	6240	00-617-1488
6240	00-805-2297	Lamp .. ..	6240	00-295-1617
6240	00-805-4160	Lamp .. ..	6240	00-155-8707
6240	00-817-9804	Lamp .. ..	6240	00-155-7819

<i>Old Stock No</i>				<i>New Stock No</i>			
<i>Group Class</i>	<i>Catalogue Number</i>	<i>Item Name</i>		<i>Group Class</i>	<i>Catalogue Number</i>		
6240	00-851-5589	Lamp ..	.. ..	6240	00-155-7857		
6240	00-864-8486	Lamp ..	.. ..	6240	00-155-8706		
6240	00-893-4800	Lamp ..	.. ..	6240	00-155-8706		
6240	00-894-1856	Lamp ..	.. ..	6240	00-274-4015		
6240	00-895-0636	Lamp ..	.. ..	6240	00-818-1364		
6240	00-895-8685	Lamp ..	.. ..	6240	00-157-4914		
6240	00-968-6579	Lamp ..	.. ..	6240	00-683-0560		
6240	00-975-3138	Lamp ..	.. ..	6240	00-143-3060		
6240	00-995-1464	Lamp ..	.. ..	6240	00-682-3411		
6240	00-735-6819	Lamp ..	.. ..	6240	00-068-0249		
6240	00-866-4003	Lamp ..	.. ..	6240	00-060-1891		

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/75/140)

## UNCLASSIFIED

### 572—Stores (General) (Group Class 6250)—Ballasts, Lampholders and Starters—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

<i>Old Stock No</i>				<i>New Stock No</i>			
<i>Group Class</i>	<i>Catalogue Number</i>	<i>Item Name</i>		<i>Group Class</i>	<i>Catalogue Number</i>		
6250	00-230-0934	Lampholder ..	.. ..	6250	00-174-2221		
6250	00-231-9844	Lampholder ..	.. ..	6250	00-159-0971		
6250	00-283-9355	Lampholder ..	.. ..	6250	00-669-5141		
6250	00-299-6551	Lampholder ..	.. ..	6250	00-159-1379		
6250	00-299-7276	Lampholder ..	.. ..	6250	00-270-4262		
6250	00-339-1106	Lampholder ..	.. ..	6250	00-153-6474		
6250	00-391-9725	Lampholder ..	.. ..	6250	00-231-9837		
6250	00-494-9832	Lampholder ..	.. ..	6250	00-153-6841		
6250	00-500-2657	Light ..	.. ..	6210	00-891-5124		
6250	00-513-2627	Lampholder ..	.. ..	6250	00-299-7229		
6250	00-584-0182	Light, indicator ..	.. ..	6210	00-510-0521		
6250	00-643-0480	Lampholder ..	.. ..	6250	00-283-9741		
6250	00-677-5368	Lampholder ..	.. ..	6250	00-026-5190		
6250	00-754-8294	Lampholder ..	.. ..	6250	00-283-9741		
6250	00-760-2355	Lampholder ..	.. ..	6250	00-153-6477		
6250	00-802-0101	Light, indicator ..	.. ..	6210	00-836-2564		

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/75/141)

RESTRICTED

ANO's 573-592/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
7 October 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*A. Handau*

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

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22029/68

RESTRICTED

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## Section 1

### ADMINISTRATIVE AND GENERAL

#### UNCLASSIFIED

#### 573—Commissioning

The following commissioning has been effected:

HMAS BARBETTE—16 August 1968.

(AS (NS) 1211/251/200)

## Section 2

### PERSONNEL

#### UNCLASSIFIED

#### 574—Accidents—Precautions to be Observed in Organising Gymnastic Exercises

1. Accidents have occurred recently involving serious injury to sailors during gymnastic exercises when they attempted a forward roll on the mats after take off from a trampoline or trampette.

2. The officer or senior sailor responsible is to satisfy himself that each person attempting the vault or exercise using a trampoline or trampette has carried out all the necessary progressions and that adequate and competent 'savers' are always in attendance. Captains are to ensure that these instructions are strictly observed.

3. Navy Orders 753 of 1965 and 265 of 1966 are hereby cancelled.

(CONS 177/1/64)

(Navy Orders 753 of 1965 and 265 of 1966)

#### UNCLASSIFIED

#### 575—Allotments—Australasian Capital Assurances Limited—Change of Title

1. Advice has been received from Australasian Capital Assurances Limited that the name of the Company has been changed to South British United Life Assurance Co Ltd.

2. Payment of allotments will be made in future under the new name of the Company.

(DNA 68/51/101)

UNCLASSIFIED

**576—Child Allowance**

Navy Order 261 of 1968 is to be amended as follows:

**Paragraph 1—amend to read:**

'1. The conditions governing payment of Child Allowance have been amended to provide the following:

With effect from 7 September 1967 where the child is over the age of 16 years and undergoing full-time education at secondary level, and has not completed the equivalent of the Australian Matriculation Certificate, the allowance may now be continued to the end of the school year during which the child reaches 18 years of age.'

*Note:* The above extension will also apply to education expenses reimbursements.

(HPB 253/40/155)

(Navy Order 261 of 1968)

UNCLASSIFIED

**577—Housing for Discharged Members of the Services—Victoria**

1. The practice of the Victorian Housing Commission of giving priority to discharged servicemen occupying C/SHA dwellings, in the allocation of a purchaseable Commission residence has been discontinued.

2. The waiting time for Commission homes in Melbourne is very lengthy and personnel are advised to lodge applications for housing using the Commissions printed form immediately, should they desire to purchase a house upon discharge.

3. The Victorian Housing Commission has agreed to the following broad principles regarding service personnel:

- a. Occupants of C/SHA dwellings who apply for a purchaseable Commission house will not be rehoused before discharge, but, if an application matures prior to discharge, such application will be deferred until termination of the members service;
- b. members not occupying C/SHA dwellings but who meet normal eligibility requirements will be offered accommodation as soon as applications reach maturity in the normal manner; and
- c. members who lodge applications whilst serving in Victoria but who are subsequently discharged in another State, will retain eligibility providing they return to live, and are employed, in Victoria.

4. Applicants for Victorian Housing Commission homes must comply with the following eligibility requirements:

- a. They must have sufficient income to finance the Contract, ie, monthly purchase instalments must not exceed approximately  $\frac{1}{4}$  of applicants' gross monthly incomes. In assessing this, hire purchase and other commitments are taken into account. Broadly, an applicant earning less than

\$42.00 per week would be unlikely to be successful unless he was able to pay sufficient deposit to reduce the balance of the loan to a figure which does not necessitate repayments in excess of  $\frac{1}{4}$  of his gross income.

*Examples of repayments:*

Loan	4½— Interest 45 years term No death benefit	4½— Interest 30 years term With death benefit	5¼— Interest 30 years term With death benefit
\$10,000 ..	\$43.20	\$50.70	\$55.20
\$9,000 ..	\$38.88	\$45.63	\$49.68
\$200 ..	\$87	\$1.02	\$1.11

- b. Applicants must be:
    - (1) Resident in the State of Victoria.
    - (2) Represent a family consisting of parents and at least one child.
  - c. The breadwinners income must not exceed \$60.00 per week; or where the family comprises three or more children, \$70.00 per week.
  - d. Applicants must not own a house or extensive assets.
  - e. The term of the Contract must be such that half of the term is completed by the purchasers 65th birthday, ie, an applicant aged 49 may take a 30 year term, an applicant 60 years of age an eight year term, etc. The longer the term the lower are repayments. Cash purchasers must comply with b., c. and d. above. War Service Homes applicants are regarded as cash purchasers.
  - f. Applicants must be in need of Commission assistance, ie, not own another suitable home or extensive assets.
5. The Victorian Housing Commission has offered assurance that Naval personnel will not suffer any disadvantage when compared with civilian applicants and invites members to inquire at the Commissions Sales or Tenancy Branches, 179 Queen Street, Melbourne 3000, if they desire clarification of any aspect of the revised policy.

(DPS 1461/11/65)

UNCLASSIFIED

**578—Resettlement—Corps of Commissionaires—Employment of Ex-servicemen**

1. In order to ensure that members due for discharge may be made aware of an avenue of employment open to them as ex-servicemen, attention is directed to the aims and objects of the Corps of Commissionaires. They should be of particular interest to members who have reached retiring age or who have been discharged PUNS or BNPS.

2. The Corps, which are established under the patronage of the Governors of their respective States, have as their objects:

- a. The provision of employment for men who possess honourable discharges from service in HM Forces;

- b. the ensuring that every member of the Corps is a disciplined and trustworthy citizen; and
  - c. the provision for employers of a service on which they can rely for either permanent or temporary staff.
3. The types of employment usually available to members of the Corps include messengers, lift attendants, drivers, gatekeepers, caretakers, watchmen, storemen, receptionists and club stewards.
4. There are only two qualifications required for membership, these are:
- a. Permanent service for at least six years or active overseas service in any of the armed forces of the British Commonwealth; and
  - b. good character.
5. Further information may be obtained from the appropriate Commandant Secretary at the address shown:
- Corps of Commissionaires (NSW) Inc,  
107 Bathurst Street,  
SYDNEY, NSW 2000. Phone 61 4141.  
Corps of Commissionaires (VIC) Ltd,  
495 Collins Street,  
MELBOURNE, VIC 3000. Phone 61 2309.

It should be noted that so far Corps are established only in Sydney and Melbourne.

6. This order will be reprinted for posting on notice boards.
7. Navy Order 232 of 1965 is hereby cancelled.

(HPB 165/3/18)

(Navy Order 232 of 1965)

## UNCLASSIFIED

### 579—Short Term Duty Travelling Allowance

Navy Order 420 of 1968 is to be amended as follows:

#### Paragraph 2—Column 5:

*Amend heading to read 'CDRE and above'.*

(HPB 252/7/26)

(Navy Order 420 of 1968)

### Section 3

## OPERATIONAL AND TRAINING

## UNCLASSIFIED

### 580—Advanced Welding Course

1. Approval has been given for Advanced Welding Courses to be conducted in HMAS NIRIMBA for Naval Shipwrights and Engine Room Artificers qualified in basic welding who have been employed on welding duties.

2. The object of the course is to introduce modern techniques to those selected and to improve their standard to a grade where they will be qualified to carry out hull and in situ pressure welding repair in DDG class ships.

3. Successful candidates will be required to requalify every six months, application for requalification being made direct to the Commanding Officer, HMAS NIRIMBA, at least one month before test is required. Where a sailor cannot requalify due to ships movements, the circumstances are to be reported to the Naval Board.

4. Sailors qualified in Advanced Welding are to keep log books showing details of all welding operations undertaken between qualifying periods. This book is to be produced for the perusal of the examining authority.

5. Each course will be of 12 weeks duration, the initial two weeks being used to determine whether the candidates has the ability to continue with the more advanced methods. Candidates who do not reach the standard at the end of his period will be reposted.

6. Candidates for the course must be above average in welding ability and experience, be of equable temperament and have a highly developed sense of responsibility. Names of recommended volunteers are to be forwarded to Navy Office where they will be noted and rostered for courses.

7. Candidates successful in the Plate, Structural and Pressure Pipe Sections of the course are to be reported on Form PE 5—'Course Results'—quoting EDP number 913660. Candidates successful in the Plate and Structural Section only are to be similarly reported quoting EDP number 953660. Results of routine requalifications are not to be reported, but the loss of the qualification is to be reported on Form PA 6—Qualification Report.

8. Sailors trained in the USA and successfully requalifying at HMAS NIRIMBA for the first time are to be reported as holding Qualification 13660 or 53660 on Form PA 6—Qualification Report.

9. It is intended that two sailors qualified Plate, Structural and Pressure Pipe Welding—13660—and one sailor qualified Plate and Structural Welding—53660—be borne in each DDG.

(DMT 311/201/265)

## UNCLASSIFIED

### 581—HMAS NIRIMBA—Naval Artificer Apprentice Training Projects

1. With the object of adding interest to the practical training of apprentices whilst at the same time, producing items that would be of use to HMAS NIRIMBA or meet some requirement in the RAN, it has been decided to formally introduce Training Projects to embrace all trade categories. A Major Training Project is one which is estimated to cost more than \$1,000 and which will take more than one term to complete. Minor Training Projects include items of lesser cost and shorter duration.

2. The Projects are to be undertaken as opportunity offers within the relevant syllabuses and may include an element of both Instructional and Hobby time. Large projects should be limited in size to those which can be completed in a three year period, ie, within an apprenticeship period in HMAS NIRIMBA, and programmed so that as one nears completion the next approved item can be phased in.

#### Major Projects

3. Major Project proposals with sketch plans, estimated order of cost and outline of trade categories involved are to be forwarded in triplicate to reach Navy

Office in sufficient time to be included in Programme Estimates. If the project is approved in principle, HMAS NIRIMBA is to co-ordinate and forward the following information to Navy Office for final project approval:

- a. detailed drawings and specifications;
  - b. the estimated number of man hours required to complete the project;
  - c. numbers of various trade categories to be employed on the project;
  - d. detailed lists of materials and stores. In this regard the fullest possible use is to be made of items already approved for use within the Service and available within the Naval Supply system or listed in DEF (AUST) Specifications and Standards. Where proprietary products are specified full reasons in support will be required. In addition to the quantities of the specific materials, etc, required for the construction of new projects an assessment is to be made of the annual maintenance quantity which it is expected would be required to maintain the completed project;
  - e. an accurate order of costs of stores, including machinery and plant, required over and above those already used for apprentice training;
  - f. proposed spread of finance; and
  - g. a chart showing the planned programme to complete the project based on b. and c. above.
4. Finance Authority number will be issued for a major project when authorised from Navy Office. Instructions relating to store and cost accounting procedures are promulgated in ABR 4 Chapter 18. Project programmes, in particular, timetable and costs, should be closely followed; variations are to be reported as they occur.

#### Minor Projects

5. Minor Project proposals are to be forwarded showing details of equipment and materials required for each such project, showing those materials which can be purchased within their present allowance of funds for approved material for Apprentice Training, and those additional materials required for the project.

(DMT 311/3/82)

#### UNCLASSIFIED

##### 582—Training—40/60 Lightweight Loading Teacher

1. Reports from the Fleet indicate that the 40/60 lightweight loading teacher is little used once ships have completed work up, and that in destroyers and frigates it is difficult to stow unless kept on the weather decks.
2. Approval is therefore given for destroyers and frigates to land the 40/60 lightweight loading teacher to the Weapon Equipment Depot, Garden Island and drill 40/60 cartridges to the RAN Armament Depot. Warrants of Naval Armament Stores will be amended in due course.
3. To allow for future hand loading drill of 40/60 guns to be continued, the allowances of 40/60 lightweight loading teachers for HMA ships are shown hereunder:
  - a. HMA ships MELBOURNE One set held permanently on board.  
SYDNEY  
SUPPLY
  - b. Gunnery Instruction Centre, Two sets for loan to destroyers and frigates  
Woolloomooloo working up.

4. A letter rack stowage will be provided with each teacher to facilitate the complete hand loading cycle.

5. Navy Order 648 of 1965 is hereby cancelled.

(DWE 736/72/1)

(Navy Order 648 of 1965)

#### UNCLASSIFIED

##### 583—University Courses for Instructor Officers—Civil Schooling Scheme

1. The revised conditions for entry and service of Instructor Officers provide for entry as Instructor Sub-Lieutenant or Instructor Lieutenant on a short-service commission for 10 years for qualified teachers who are non-graduates but have passed in Mathematics or Physics at first year university level. These officers may apply for a permanent commission on completion of a suitable degree. Accordingly a number of these officers will be studying to complete their degrees during their short-service commission.

2. Graduates in Science, or in any other faculty with a major in Mathematics, Physics, English, History or Geography may be entered on a short-service commission and may apply for a permanent commission after 12 months. Many of these officers may wish to undertake further university study to improve their qualifications by the achievement of additional degrees or the Diploma of Education; they are to be encouraged to do so.

#### Vacation Schools

3. The opportunities for university study by Instructor Officers, either by attendance courses or by external study are at present very limited, and for those undertaking external study it is often compulsory for the candidates to attend university vacation schools of approximately one weeks duration. Approval is given for all Instructor Officers who are enrolled for university courses which demand attendance at vacation schools to be granted special leave to attend those schools, and to be issued with duty travel warrants for the journey to and from the university.

#### Civil Schooling Scheme

4. Approval is given for selected Instructor Officers to undertake university study at departmental expense as follows:

- a. full-time courses to complete the requirements for a Science Degree;
- b. part-time courses to complete the Diploma of Education;
- c. part-time or own-time courses to undertake single subjects in the faculties of Science, Arts or Education;

provided such study is clearly to meet Service requirements in the position to which the Instructor Officer has been or is expected to be appointed.

#### Applications

5. Applications for selection for such training must be made through the normal channels to reach Navy Office not later than 15 November in the year before that in which the desired courses are to commence. The application must include the following details:

- a. title or description of the course;
- b. university desired to attend;

- c. aim of the course (a short statement of the officers qualifications and plan of subjects for the completion of his degree);
- d. whether full-time, part-time or own-time (if part-time, the number of hours per week that will be required off normal duty);
- e. approximate costs (fees, text books, instruments);
- f. dates:
  - (1) for enrolment;
  - (2) for commencement.

#### Method of Selection

6. The number of officers to be given approval for full-time or part-time training will be limited by the demands of the Service for the normal requirements of Instructor Officers, and after due consideration of the worthiness of the applicant to undertake the course at departmental expense. In this latter respect it is to be noted that it is not the intention to sponsor the full period of degree courses; it is expected that applicants will have shown their worthiness by having achieved certain units towards the degree in their own time and at their own expense.

#### Fees

7. The cost of the courses to be borne by the Department will include:

- a. Entrance, registration and similar fees;
- b. Lecture and demonstration fees;
- c. Library fees;
- d. Examination and supplementary examination fees;
- e. Laboratory and experiment fees;

but will not include:

- f. University Matriculation fees;
- g. Degree or Diploma fees;
- h. University Union fees, or fees in respect of any other university student body;
- i. University sports fees;
- j. Costs in respect of any item not essential to the completion of the course.

#### Text Books

8. Prescribed text books will be issued to Central Reference Libraries for issue on loan to the approved student for the duration of the course, and must be returned to the Library on completion or cancellation of the course.

#### Residence

9. Full-time or part-time university course students will be appointed for normal duties to a Naval training establishment in the near vicinity to the university to be attended, will attend the university lectures as part of their Naval duties, and will be subject to the normal Naval discipline, administration, leave, etc. Full-time students may reside at a Naval establishment, in college, or at home if it is conveniently near the place of study, but must carry out training duties at the Naval training establishment during university vacations.

#### Progress of Course and Results

10. Commanding Officers of the establishments to which Instructor Officer students are posted are to report on the students progress in October of each year, to report the results of examinations as soon as they are known, and to make recommendations on the continuation of the course at departmental expense. Instructor Officer students failing to make satisfactory progress may be withdrawn from the course at any time.

#### Further Service

11. Officers who have been selected for university training at departmental expense will be expected to continue to serve in the Navy on the expiration of the course for a period which will be dependent on the extent of the course and the expense that has been incurred.

12. Navy Order 580 of 1965 is hereby cancelled.

(DNES 351/2/1743)

(Navy Order 580 of 1965)

### Section 4

## EQUIPMENT, STORES AND SERVICING

### UNCLASSIFIED

#### 584—Ammunition—Lachrymatory Stores for NBCD Training—Shore Establishments

1. In view of the limited use of the 398041 Generator lachrymatory No 2 which is allowed to shore establishments only, it has been decided that no further procurement action will be taken in respect of this store.

2. Demands by establishments for Generators No 2 will continue to be met until such time as stock is exhausted when supply of 398002 or 398015 Generators No 1 will be made in lieu.

(DAS 728/60/39)

### UNCLASSIFIED

#### 585—Guided Weapons—Seacat—Revised Life of Motors

Navy Order 426 of 1968 is to be amended as follows:

##### Paragraph 4 (b), second sentence

*Amend to read:*

'In applying (b) motors will be regarded as overage on 31 December of the fifth year after manufacture, eg, missiles with motors of 1963 manufacture are restricted to firing by 31 December 1968.'

(DAS 740/252/1135)

(Navy Order 426 of 1968)



## UNCLASSIFIED

**586—Seaboats—Lifesaving Equipment**

Navy Order 444 of 1967 is to be amended as follows:

**Paragraph 1**a. *Amend* item 4 to read:

'One 5 in Signalling Lantern—0558/16409—fitted with 11 volt lamp 995-2513.'

b. *Add* two new items:

'One battery box—0562/423182 complete with battery 0562/402317.';  
and  
'One stowage box for 5 in Signalling Lantern—0558/16459.'

(CONS 1236/51/36)

(Navy Order 444 of 1967)

## UNCLASSIFIED

**587—Vertical Limits of Firing Areas**

1. It has been agreed, that because of different interpretations of the term 'danger height' used when activating firing areas, the term 'activating height' should be used instead. This is defined as 'the height or heights which describe the limit of the activity proposed to be conducted over an area by the administering authority. It includes any additional height necessary to allow for deviations from the height limit planned for the activity'.

2. Trajectory error is an example of firing activity vertical deviation for which allowance should be made. The buffer applied is known as an 'assessed firing activity buffer'.

3. As an example of a 'firing' activity, a ship may wish to fire to a planned height, for instance of 14,000 ft above mean sea level. This ship would add to his height sufficient safety margin, in the form of an assessed firing activity buffer (eg, 600 ft) to ensure that the 'activity height' is, and is only, the absolute upper limit required.

4. Ships or authorities requiring use of firing areas or approval to carry out firings outside designated firing areas are in future to request firings or firing areas quoting the activity height, calculated in accordance with Paragraphs 2 and 3 above.

5. RAN Operational Instructions, Articles 0404 and 0411, will be amended.

(D of O 1362/201/39)

## UNCLASSIFIED

**588—Victualling Stores—Miscellaneous—Manufacture of Textile Items—Carpets, Curtains, Overcases and Tablecloths**

1. Textile items, carpets (other than standard carpet squares), curtains, overcases and tablecloths to specific measurements are normally manufactured by dockyards or by contract and such requirements cannot be met from stock.

2. The tablecloths referred to above are distinct from the linen, cotton or plastic tablecloths normally held in stock at the Royal Edward Victualling Yard.

3. Overseers, ships and establishments should take into consideration the time required for making up when demanding these items, and should inform the Superintending Victualling Store Officer of their requirements as far in advance as possible.

4. Navy Order 700 of 1965 is hereby cancelled.

(D of V 400/70/71)

(Navy Order 700 of 1965)

## UNCLASSIFIED

**589—Weapon Mounting Auto Systems—Scale of Allowances of Test Equipment**

1. The revised scale of allowances for Weapon Mounting Auto Systems Test Equipment is as detailed in the Annex to this order.

2. On receipt equipment is to be taken on charge in the Weapons Electrical Engineer Officers Weapon Equipment and Underwater Store Account, as appropriate. Equipment should be returned to the nearest RAN Weapon Equipment Depot.

3. Care is to be taken to avoid wastage of the special Teledeltos charts, used with the Duplex Quick Response Recorder, and records are only to be taken in the final stages of tuning. Rolls of plain paper are available for initial tuning.

4. Any instruments drawn on loan from RAN Weapon Equipment Depot, eg, for overall weapon equipment control trials, are to be returned immediately the trials are completed. If the instrument is found to be defective, a list of the defects is to be attached to the instrument on return.

## ANNEX

Ship or Establishment	Mis-alignment Meter Type MA 47	Portable Dummy Director	Duplex Quick Response Recorder	Watts Microptic Theodolite	Voltage Measuring Unit	Remarks
HMAS MELBOURNE	2	1	2	—	—	
HMAS VENDETTA ..	2	1*	3	—	1	
HMAS VAMPIRE ..	2	1*	3	—	1	
HMAS ANZAC ..	2	1	2	—	1	
HMAS TOBRUK ..	2	1	2	—	1	
HMAS QUEEN-BOROUGH	1	1	2	—	—	
HMAS QUIBERON ..	1	1	2	—	—	
HMAS YARRA ..	2	1*	3	—	1	
HMAS DERWENT ..	2	1*	3	—	1	
HMAS PARRAMATTA	2	1*	3	—	1	
HMAS SWAN ..	2	1*	3	—	—	
HMAS TORRENS ..	2	1*	3	—	—	
HMAS STUART ..	2	1*	3	—	1	* Mk 4 PHS

Ship or Establishment	Mis-alignment Meter Type MA 47	Portable Dummy Director	Duplex Quick Response Recorder	Watts Microptic Theodolite	Voltage Measuring Unit	Remarks
HMAS WATSON ..	1	1	1	—	—	† Including 1 No
CST FND (For 'L' School and 'G' School)	2	2†	2	1	1	Mk 4 PHS
West Head Gunnery Range	1	2†	2	—	1	‡ Including 2 No Mk 4 PHS per dockyard
GMGI .. ..	1	4‡	4	—	—	
GMWD .. ..	1	4‡	4	—	—	

Note: Additional quantities of this test equipment may be drawn on loan from RAN Weapon Equipment Depots for overall weapon control trials.

(DAS 400/202/194)

## Section 5

## BOOKS, CORRESPONDENCE, FORMS AND STATIONERY

## UNCLASSIFIED

## 590—ABR 5063—Electronic Data Processing Volume 3—Supply Documents and Procedures

ABR 5063—Electronic Data Processing—Volume 3—Supply Documents and Procedures, has now been introduced. Distribution is being effected by Superintending Victualling Store Officer (Stationery Section), Sydney, as detailed in the Annex to this order, without demand. Subsequent demands for copies of this publication should be made on Superintending Victualling Store Officer (Stationery Section), Sydney.

## ANNEX

## Distribution of ABR 5063

## Electronic Data Processing—Volume 3—Supply Documents and Procedures

Navy Office		Qty	Navy Office		Qty
Minister .. ..	..	1	AS (CE) .. ..	..	1
Secretary .. ..	..	1	AS (NS) .. ..	..	1
1NM .. ..	..	1	AS (F) .. ..	..	1
2NM .. ..	..	1	DCNS .. ..	..	1
3NM .. ..	..	1	DPCO .. ..	..	1
4NM .. ..	..	1	D/WRANS .. ..	..	1
FAS (EG) .. ..	..	1	MDG .. ..	..	1
FAS (FM) .. ..	..	1	DNI .. ..	..	1
C of S .. ..	..	1	DCNP .. ..	..	1
AS (EDP) .. ..	..	60	DPS .. ..	..	1

Navy Office		Qty	HMA Ships and Establishments		Qty
DMT .. ..	..	1	HMAS VAMPIRE .. ..	..	4
HPB .. ..	..	1	HMAS DUCHESS .. ..	..	4
DNES .. ..	..	1	HMAS VENETTA .. ..	..	4
D of R .. ..	..	1	HMAS PARRAMATTA .. ..	..	4
DFWS .. ..	..	1	HMAS STUART .. ..	..	4
DNR .. ..	..	1	HMAS DERWENT .. ..	..	4
DNA .. ..	..	4	HMAS ANZAC .. ..	..	4
ACTP .. ..	..	1	HMAS QUEENBOROUGH .. ..	..	4
ACMD .. ..	..	1	HMAS MORESBY .. ..	..	4
ACAE .. ..	..	1	HMAS DIAMANTINA .. ..	..	3
PNA .. ..	..	1	HMAS KIMBLA .. ..	..	1
PEE .. ..	..	1	HMAS PALUMA .. ..	..	1
PME .. ..	..	1	HMAS OTWAY .. ..	..	1
PE (M and S) .. ..	..	1	HMAS OXLEY .. ..	..	1
DWE .. ..	..	1	HMS TRUMP .. ..	..	1
DMED .. ..	..	1	HMAS HAWK .. ..	..	1
DNQA .. ..	..	1	HMAS GULL .. ..	..	1
DSMR .. ..	..	1	HMAS SNIPE .. ..	..	1
DFSD .. ..	..	1	HMAS ATTACK .. ..	..	1
DMD .. ..	..	1	HMAS AITAPE .. ..	..	1
DNW .. ..	..	1	HMAS SAMARAI .. ..	..	1
CEO (GS) .. ..	..	3	HMAS ADVANCE .. ..	..	1
DEA .. ..	..	4	HMAS ACUTE .. ..	..	1
D (O and M) .. ..	..	3	HMAS ARCHER .. ..	..	1
CA/NTS .. ..	..	1	HMAS LAE .. ..	..	1
NTS—Library .. ..	..	1	HMAS IBIS .. ..	..	1
Principal Training Officer .. ..	..	1	HMAS TEAL .. ..	..	1
Barracks Officer (Navy Office) .. ..	..	1	HMAS BASS .. ..	..	1
OIC Registry .. ..	..	1	HMAS ALBATROSS .. ..	..	20
Registrar .. ..	..	1	HMAS ALBATROSS (for Supervisor EDP DTO) .. ..	..	3
DSAP .. ..	..	5	HMAS CERBERUS .. ..	..	30
DAS .. ..	..	18	HMAS CERBERUS (for Supply School) .. ..	..	45
DSAP (Melb) .. ..	..	16	HMAS CERBERUS (for Supervisor EDP DTO) .. ..	..	3
DNS (Melb) .. ..	..	34	HMAS CRESWELL .. ..	..	5
D of V (Melb) .. ..	..	19	HMAS ENCOUNTER .. ..	..	1
D of S (Air) (Melb) .. ..	..	24	HMAS HARMAN .. ..	..	5
DMS (Melb) .. ..	..	21	HMAS HUON .. ..	..	4
ALO (Melb) .. ..	..	1	HMAS LEEUWIN .. ..	..	9
Barracks Officer (Albert Park Barracks) .. ..	..	1	HMAS LONSDALE .. ..	..	7
			HMAS LONSDALE (for Supervisor EDP DTO) .. ..	..	3
			HMAS MELVILLE .. ..	..	10
			HMAS MORETON .. ..	..	5
			HMAS NIRIMBA .. ..	..	7
			HMAS PENGUIN .. ..	..	6
			HMAS PLATYPUS .. ..	..	6
			HMAS RUSHCUTTER .. ..	..	8
			HMAS TARANGAU .. ..	..	13
			HMAS WATERHEN .. ..	..	3

<i>HMA Ships and Establishments</i>	<i>Qty</i>
HMAS WATSON .. ..	14
NAS 723 .. ..	1
NAS 724 .. ..	1
NAS 725 .. ..	1
NAS 816 .. ..	1
NAS 817 .. ..	1
AJASS NOWRA .. ..	1
HMAS KUTTABUL:	
Supply Officer ..	4
EETU .. ..	1
Fleet Clothing Store ..	2
Port Electrical Officer ..	1
SOAP .. ..	1
Naval HQ .. ..	10
Fleet Work Study Team ..	1

<i>New South Wales</i>	<i>Qty</i>
FOICEA .. ..	10
FOICEA (for Supervisor EDP Data Terminal) ..	8
C of P SYDNEY .. ..	1
GOSI, EAA .. ..	6
Hydrographer .. ..	2
RANEL .. ..	2
RANTE .. ..	1
Area Secretary .. ..	1
Area Administrative Officer ..	1
Civil Personnel .. ..	1
Central Registry .. ..	1
Area Finance Branch .. ..	2
Area Training Section .. ..	1
Senior Inspector (Stores), Sydney	10
Internal Audit .. ..	7
GMGID .. ..	20
Chief Supt of Supply .. ..	1
SSA .. ..	19
SSA (for Supply Training Section)	30
SSA (for EDP Implementation Team) .. ..	15
SASA .. ..	22
SMSO .. ..	37
SNSO .. ..	57
SSO (Air) .. ..	28
SVSO .. ..	14
SVSO (Stationery Section) ..	3
SAMR .. ..	1
M and DSO .. ..	1
RAN Trials and Assessing Unit, Garden Island .. ..	1
Motor Transport Establishment, Bunnerong .. ..	1

<i>Victoria</i>	<i>Qty</i>
NOIC (VIC) .. ..	5
GMWD .. ..	6
GMWD (for Supervisor EDP Data Terminal) .. ..	2
VSO (Melb) .. ..	3
GOSI (Vic) .. ..	1
Internal Audit (Southern Division)	3
Inspector (Stores) (Melb) ..	4
Maribyrnong .. ..	2
OIC SOAP .. ..	1

<i>Northern Territory</i>	<i>Qty</i>
NOIC (NA) .. ..	1
Darwin Naval Radio .. ..	1

<i>New Guinea</i>	<i>Qty</i>
NOIC (NG) .. ..	1
D/NOIC (NG) .. ..	1

<i>Queensland</i>	<i>Qty</i>
NOIC (Qld) .. ..	1
Principal Naval Overseer (Qld) ..	1

<i>South Australia</i>	<i>Qty</i>
NOIC (SA) .. ..	1

<i>Western Australia</i>	<i>Qty</i>
NOIC (WA) .. ..	4
Byford .. ..	1

<i>Tasmania</i>	<i>Qty</i>
NOIC (TAS) .. ..	3

<i>Miscellaneous</i>	<i>Qty</i>
ANRUK 2 } .. ..	3
MOD (Navy) 1 } .. ..	
ANA (Washington) 10 } ..	12
RCN 1 } .. ..	
USN 1 } .. ..	
RNZLO (Canberra) .. ..	1
RNLO BDLS (Canberra) .. ..	1
Dept of Defence .. ..	1
Defence Library .. ..	1
Dept of Army .. ..	1
Dept of Air .. ..	1
Auditor-General, Canberra ..	2
Chief Auditor, New South Wales	1
Chief Auditor, Victoria ..	1
Chief Auditor, Queensland ..	1
Chief Auditor, Western Australia ..	1
Chief Auditor, South Australia ..	1
Chief Auditor, Northern Territory	1

<i>Miscellaneous</i>	<i>Qty</i>	<i>Future Issues</i>	<i>Qty</i>
Chief Auditor, Tasmania ..	1	Submarines .. ..	1 ea
Chief Auditor, Territory of Papua-New Guinea .. ..	1	Patrol Craft .. ..	1 ea
		Air Squadrons .. ..	1 ea

(AS (EDP) 465/1/1186)

## RESTRICTED

**591—Allied Communication Publications—Allowances of Non-accountable ACPs**

The Annex to Navy Order 383 of 1968 is to be amended as follows:

- Delete the words 'COMNAV SUPP' in heavy type at the head of the allowances columns.
- Under 'ACP 117' at the head of the second allowance column, insert within the same box 'COMNAV SUPP'.

(D of C 465/201/619)

(Navy Order 383 of 1968)

## UNCLASSIFIED

**592—Control of Private Property Taken Into and Out of Dockyard**

1. Additional to procedures outlined in Navy Order 409 of 1967, bearers of passes are required to produce satisfactory identification to satisfy NDP that they are the person named on the pass.

2. Authorities obtaining books of Form KP 100 from SVSO, Sydney, should arrange for the safe custody of such forms and issue local instructions nominating persons who may issue forms.

(DO &amp; M 464/73/1)

(Navy Order 409 of 1967)



**RESTRICTED**

ANO's 593-606/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
14 October 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

**FOR OFFICIAL USE ONLY**

22525/68

**RESTRICTED**

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594 ACNB General Messages.  
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- 596 Combat Survival Course—Travel Arrangements.  
597 Posting of Personnel with Diving Qualification to North Australia Area.  
598 Reserve Sailors Filling PNF Billets—Extension of Service.  
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601 Alteration and Addition Item—HMAS PALUMA.  
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604 Calibration of Guns by Radio Doppler—Muzzle Velocity Measuring Equipment—Instructions—Use of Results.  
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## Section 1

### ADMINISTRATIVE AND GENERAL

#### UNCLASSIFIED

#### 593—ACNB General Messages

- The following arrangements apply to the cancellation of ACNB general messages.
- Messages are disposed of as follows:
  - Self-cancelling on issue or cancelled on a specific date stated in the message;
  - cancelled for a specific reason, eg replaced by a Navy Order or incorporated in other instructions; or
  - if not cancelled by a. or b., automatically cancelled on the expiration of 12 months.
- A quarterly statement is published in Navy Orders showing which ACNB general messages are in force.
- Navy Order 724 of 1965 is hereby cancelled.

(AS (NS) 77/1/44)

(Navy Order 724 of 1965)

#### UNCLASSIFIED

#### 594—ACNB General Messages

- In accordance with Navy Order 724 of 1965, the state of ACNB General Messages at 1 September 1968, is as shown in the Annex to this Order.
- Navy Orders 81, 419 and 604 of 1966, 99 and 219 of 1967, 182, 257 and 431 of 1968 are hereby cancelled.

#### ANNEX

- The following F Messages may now be withdrawn:
 

1967  
088 .. See RI 1604 (4).

1968  
059 .. See ABR 27 Vol 2 Article 0405.
- At 0001Z 1 September 1968, the following F Messages were in force:
 

1967  
063, 102, 106.

1968  
005, 029, 038, 063, 064, 065, 068, 070, 077, 078, 079, 081, 082, 084, 085, 089, 091, 093, 094, 095, 096, 097, 099, 100, 101, 102, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113.

(AS (NS) 77/1/14)

(Navy Orders 81, 419 and 604 of 1966, 99 and 219 of 1967, 182, 257 and 431 of 1968)

## UNCLASSIFIED

**595—Use of Terms Denoting Combustibility**

1. To conform to current British and American practice, the following terms are to be used to denote the combustibility of materials:

flammable *in lieu of* inflammable

flammability *in lieu of* inflammability

non-flammable *in lieu of* non-inflammable

non-combustible *in lieu of* incombustible.

2. Relevant publications will be amended.

3. All supervisors in areas where flammable items are stored are to ensure that the meaning of these terms is understood by all staff.

(CEO (GS) 148/51/1071)

**Section 2****PERSONNEL**

## UNCLASSIFIED

**596—Combat Survival Course—Travel Arrangements**

1. Up to date travel arrangements for students proceeding to RAAF Amberley for Combat Survival Courses will be included in joining instructions forwarded from Navy Office.

2. Navy Order 197 of 1968 is hereby cancelled.

(DMT 311/201/31)

(Navy Order 197 of 1968)

## UNCLASSIFIED

**597—Posting of Personnel with Diving Qualification to North Australia Area**

1. There are no diving facilities or equipment in the Darwin area to enable ships divers to remain in diving practice, and there will be no requirement to post sailors, solely due to their ships diver qualification, to that area in the foreseeable future. Accordingly, should such sailors volunteer, and be posted, for service in the North Australia Area they can expect to relinquish their diving qualification and diving pay.

2. It has been decided, therefore, that except where the exigencies of the Service dictate sailors qualified ships divers, other than volunteers, will not normally be posted to HMAS MELVILLE or to Patrol Boats in the area.

(DMT 333/8/302)

## UNCLASSIFIED

**598—Reserve Sailors Filling PNF Billets—Extension of Service**

1. In order that Navy Office may have advance information of the intentions, and suitability, of Reserve sailors to extend their periods of fulltime service, the following action is to be taken:

- a. Forms PPI are to be rendered for all Reserve sailors carrying out fulltime service on the same occasions required for PNF sailors; and
- b. approximately six months before expiration of fulltime service, an indication of the sailors intentions regarding an extension of service is to be forwarded together with a covering recommendation should an extension be requested.

(D of R 302/51/87)

## UNCLASSIFIED

**599—Sailors Appropriated to Recruiting Billets—Selection and Training**

1. Sailors posted to recruiting billets will undergo a course of one weeks duration at Navy Office and visit HMAS CERBERUS before taking up their duties. In order to avoid running several courses a year, changeovers will take place in March each year. Where two sailors are borne in a recruiting office they will be relieved in alternate years.

2. Volunteers are required to fill billets in the following recruiting centres:

HMAS KUTTABUL  
HMAS LONSDALE  
HMAS LEEUWIN  
HMAS MORETON  
HMAS MORETON (TOWNSVILLE)  
HMAS ENCOUNTER  
HMAS HUON

3. When recommending sailors for recruiting duties, Commanding Officers should bear in mind that the first personal contact a potential recruit or his parents have with the Service is through one of these sailors. The main attributes required are good bearing, sincerity, intelligence and tact.

4. Before being considered as volunteers for recruiting duties, arrangements are to be made to have sailors interviewed by the nearest Naval Recruiting Officer and Psychologist.

5. Names of recommended volunteer Chief Petty Officers and Petty Officers for recruiting duties in the relevant billets together with Certificates of Service and enclosures written up to date and copies of reports by Naval Recruiting Officers and Psychologists are to be forwarded to Navy Office. Unless all these relevant documents accompany the application, volunteers cannot be considered for inclusion in the recruiting duties roster.

6. A roster will be maintained in Navy Office of the names of those volunteers acceptable for employment in recruiting billets. Names of volunteers received prior to 31 July each year will be considered to fill those billets being vacated in March the following year. When possible, postings to and from recruiting billets will be promulgated in September posting forecasts.

7. Navy Order 655 of 1965 is hereby cancelled.

(DNR 311/4/148)

(Navy Order 655 of 1965)

#### Section 4

### EQUIPMENT, STORES AND SERVICING

#### RESTRICTED

#### 600—Alteration and Addition Item—HMAS DUCHESS

The following Alteration and Addition Item is approved to be carried out in HMAS DUCHESS:

*Class List Item No 151 (Ex TDL 'AV').*

- a. *Item:* To replace SG Brown emergency compass and associated emergency battery bank and dropping resistor with an Arma Brown Mark 1 (cold) gyro compass.
- b. Actual weight variations are to be reported on completion of the item.
- c. *References:* (1) HMAS DUCHESSs Form AS 1182, TDL 'AV' dated 15 May 1968 forwarded under cover of FOCAF Memorandum 1212/27/51 dated 24 June 1968.  
(2) GMGIDs message DTG 220648Z July 1968.  
(3) FOCAFs message DTG 290358Z July 1968.  
(4) ACNBs message DTG 072311Z August 1968.

(CNTS 1215/259/64)

#### UNCLASSIFIED

#### 601—Alteration and Addition Item—HMAS PALUMA

The following Alteration and Addition Item is approved to be carried out in HMAS PALUMA:

*Class List Item No 19 (Ex TDL 'U').*

- a. *Item:* Ships foremast bracket for steaming light, anemometer, emergency steaming lights and associated fittings to be removed. Lights and anemometer to be resited on top of mast.
- b. Weight variation is to be reported on completion of the item.
- c. *References:* (1) HMAS PALUMAs Form AS 1182, TDL 'U' dated 9 April 1968, forwarded under cover of FOCAF Memorandum 1228/42/9 dated 22 May 1968.  
(2) FOCAFs message DTG 250612Z July 1968.  
(3) ACNBs message DTG 010808Z August 1968.  
(4) HYDRO RANs message DTG 050220Z August 1968.  
(5) ACNBs message DTG 090433Z August 1968.

(CNTS 1236/58/202)

#### UNCLASSIFIED

### 602—Ammunition—Cartridges Power—Aircraft—Cartridges Seat Ejection—Introduction of a Revised Installed Life of 56 Weeks

(DCI (RN) 1419/1967)

1. *Information* .. .. . It has now been agreed that the installed life of certain cartridges seat ejection be increased to 56 weeks.
2. *Type of cartridges to which this instruction applies* The type of cartridges to which this instruction applies together with aircraft applicability are listed as Annex A to this order. They are fitted with VH2 Caps (in lieu of EI fulminate of mercury in earlier MKs) and are manufactured by Messrs Martin Baker Aircraft Coy Ltd.
3. *Date of introduction* .. .. . The revised installed life of 56 weeks should be applied at the first bay servicing after new outfits of No 6 MK2 sets of cartridges becomes available. User units are to be informed by RAN Armament Depot referring to this Navy Order when stocks are held ready for issue.
4. *Exchange of outfits* .. .. . The extended installed life applies only to cartridges which have not previously been installed.
5. *Vacuum testing* .. .. . To ensure serviceability these cartridges are vacuum tested at manufacture and periodically thereafter at armament depots. The date of re-test is marked on the sealed cylinder in which the cartridges are supplied to service.
6. *Marking of cartridges by users* .. The date (day, month, year) should be marked on each cartridge when the sealed cylinder is opened as the period of 56 weeks is calculated from that date. This marking should be marked on the wall of the cartridge using ink, liquid marking, Store Ref No 435905 which is obtainable in pint bottles from RAN Armament Depot.
7. *Conditions governing the installation of cartridges*
  - a. *Initial Installation.* Cartridges must only be installed when:
    - (1) not more than 18 months has elapsed since date of manufacture or last vacuum test;



(2) cartridges have at least 56 weeks remaining of the total overall shelf life of four years.

Note: As cartridges returned from service in opened cylinders must be disposed of, it is most important that the test date be checked Before the cylinders are opened.

b. Second and Subsequent Installations. Cartridges must only be installed provided the next Bay Servicing is due to be carried out:

- (1) Before expiry of the overall shelf life of four years;
(2) before expiry of the total installed life of 56 weeks in accordance with Paragraph 6 above.

8. Recording the date of installation .. The date of installation (or the date of opening the sealed cylinder if earlier) should be recorded in Form A 700 Pt 6 (d) (TA 100-6-3).

9. Disposal of cartridges .. Cartridges are to be returned to the nearest Naval Armament Depot as follows:
a. When less than 56 weeks of the overall shelf life remains.
b. On expiry of 56 weeks of installed life.
c. When 18 months have elapsed since the last vacuum test or manufacture in which case cartridges should be in unopened cylinders.

10. Accounting .. The two hyphens added to the Store Reference Numbers shown in Annex A denote that two additional digits will be added to indicate the year of filling. Users should demand and account for these stores under the six digits shown only.

11. Cancellation of previous instructions Navy Order 684 of 1966 is hereby cancelled.

ANNEX A
CARTRIDGES SEAT EJECTION

Table with 5 columns: Store Ref No, Description, A/C Applicability, Mark of Seat, Remarks. Row 1: 369055, Cartridge seat ejection set No 6 Mk 2, Sea Venom Vampire T22 and T34, 4A 1/2 4AV 1/2, To be fitted when A/C operating ashore and Mod DG5 is not embodied.

(ACAE 727/58/165)

(Navy Order 684 of 1966)

UNCLASSIFIED

603—Ammunition—Pyrotechnics—Motors Flare 2 inch Rocket Filled at Glascoed—Defective

(DCI (RN) 718/1968)

1. Authorities Concerned .. HMA ships and shore establishments (provided with 2 in Rocket Flare Launchers); RAN armament depots.

2. Information .. a. The following defects have been found to be widespread in Motors Flare 2 in Rocket of recent filling at ROF Glascoed:

- (1) Excessive cementing of the closing disc, permitting surplus cement to be spread, and so causing the millboard insulating ring to become firmly adhered to the venturi tube.
(2) Excessive cementing of the igniter to the body allowing surplus cement to exude out through the clearances between the shell ring locking studs and their mating holes.
(3) Electrical failures at insulation and ignited continuity tests.
(4) Venturi closing disc not fully home.

b. In view of the foregoing it has been decided that all motors filled at Glascoed as detailed below shall be examined for these defects prior to issue and that all motors that have already been issued to service shall be returned for checking as soon as possible.

3. Items Affected .. 38901411 Motors Flare 2 in Rocket Mk N9, N9/1 with Mk 1/N Fins; and
38901412 Motors Flare 2 in Rocket Mk N9, N9/1 with Mk 2/N Fins.

4. Propellant Lot Numbers .. Motors filled with propellant of the following Lot Numbers are affected: RNP 2983, 2986, 2991R, 2997R, 3004R, 3039, 3057, 3062R, 3206, 3207 and 3209.

5. Identification of Motors .. Propellant Lot Number of motors may be found on the contents label affixed to the package.

6. *Category of Defect* .. .. . Category 'ff', ie not dangerous, but may be subject to a percentage of failures to function (see Article 2607—BR 862/1960).
7. *Action to be Taken* .. .. . a. By HMA ships and shore establishments—all motors held of the types and lot number listed in Paragraphs 3 and 4 above, are to be landed at RAN Armament Depot at the first opportunity, and replacements demanded in lieu, quoting this order as the authority.
- b. By RAN Armament Depots—separate CL (P) is being issued.

(DAS 728/56/68)

## RESTRICTED

**604—Calibration of Guns by Radio Doppler—Muzzle Velocity Measuring Equipment—Instructions—Use of Results**

Navy Order 424 of 1968 is to be amended as follows:

a. **Paragraph 3***Delete* heading 'Frequency Calibration' and *insert* 'Frequency of Calibration' in lieu.b. **Paragraph 8—Line 3**After 'scheduled' *add* 'a minimum period of 6 hours is required between individual series in each gun'.c. **Paragraph 13 b.—Line 2***Delete* '13' and *insert* '14' in lieu.d. **Annex—In 'Analysis form of measurements'***Column 4—'Gun L of A'**Delete* '2293' and *insert* '2393' in lieu.

(DNQA 736/252/22)

(Navy Order 424 of 1968)

## RESTRICTED

**605—100 Ft Patrol Boats—Inspection of Ordnance**

Navy Order 73 of 1968 is to be amended as follows:

**Paragraph 2—Add** new sentence:

'On completion of inspection it is necessary for a firing test to be carried out in the presence of the inspection team to prove functioning and to adjust the rate of fire.'

(DNQA 18/206/510)

(Navy Order 73 of 1968)

## Section 5

## BOOKS, CORRESPONDENCE, FORMS AND STATIONERY

## UNCLASSIFIED

## 606—Ships Log

1. RI 3507 is being amended to read as follows:

3507. *Ships Log*. The Navigating Officer is to have charge of the Ships Log, Form OG 101 (AS 322) and present it weekly for the Captains inspection. He is to take care that it is correctly and neatly written up, that all the required entries are made and that it is signed by the Officers-of-the-Watch while the facts are fresh in their memories. After it has been signed by the Officer-of-the-Watch, the Navigating Officer is to allow no alteration to be made, however trifling, without the concurrence of the Officer-of-the-Watch concerned (who is to initial the alteration) and the sanction of the Captain.

2. The following events are to be entered in the Log as they occur:

- Notice of main engines for steam in harbour;
- an account of the ships movements noting navigational information such as bearings, ranges, courses and speeds, to enable the track of the ship, at any time, to be accurately reconstructed. Pilotage passage plans, harbour entry and departure details may be recorded in Form AS 548a (ON 110). The Navigating Officers Notebook and an appropriate reference made in the Log. Engine and wheel orders are to be recorded on Form AS 580 (ON 112) when special sea dutymen are closed up and an appropriate reference made in the Log. See Article 3592 on the preservation of these records;
- the anchoring or mooring of the ship with the depth of water, amount of cable, the position at anchoring by ranges and bearings, the securing of the ship to a wharf or buoy, the draught fore and aft before sailing and on arrival in harbour;
- close observation is to be kept on wind and weather and changes recorded as they occur. Standard Beaufort Scale notations are to be used to record wind weather, sea state and swell, barometric pressure and tendency, one hour before the end of each watch;
- the arrivals, departures, the meeting at sea, or finding at anchor, of Her Majesty's Australian ships and warships of all nations, transports and fleet auxiliaries and strange ships observed; salutes and ceremonies, half mastings and rehoisting colours; dressing ship, the occasion being stated;
- whenever the zone time is changed, an entry is to be made in the events column and at the head of the page;
- evolutions, exercises, landings on service or for drill;
- NBCD state together with changes as they occur;
- the details and times of any accidents occurring on board. Collisions or near collisions and groundings, any damage caused by or to vessels berthing alongside or by striking wharves or objects (see Article 3537);
- the names and descriptions of any vessels or craft berthing alongside, with the times of arrival and departure and the purpose for which brought alongside;

**RESTRICTED**

606

12

- l. details of any aircraft sighted at sea which are thought to be in distress or are acting in an unusual manner, together with details of any action taken in the ship; and
- m. all births and deaths on board.

In addition to the foregoing he is to ensure that a brief but comprehensive explanation of the events of the day is inserted in the events column.

3. At the end of each calendar month, the Navigating Officer is to sign the completed Ships Log and deliver it to the Captain. If the Navigating Officer is superseded he is to sign the Ships Log then in his possession and deliver it to his successor.

4. Completed Ships Logs are to be forwarded by the Captain to his administrative authority for inspection when ordered. After inspection, they are to be returned to their respective ships and retained there for reference and for disposal as in Clause 5.

5. They are to be forwarded to the Hydrographer, RAN, in batches of 12 on the expiration of two years from the first Ships Log of the series.

(AS (NS) 464/54/118)

*Register*  
HISTORIAN

ANO's 607-621/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
22 October 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*Handau.*

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

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### Section 4

## EQUIPMENT, STORES AND SERVICING

### UNCLASSIFIED

#### 607—Stores (General) (Group Class 3010)—Torque Converters and Speed Changers—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA, in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

<i>Old Stock No</i>			<i>New Stock No</i>	
<i>Group Class</i>	<i>Catalogue Number</i>	<i>Item Name</i>	<i>Group Class</i>	<i>Catalogue Number</i>
3010	00-200-1644	Coupling, shaft, flex .. ..	3010	00-288-5102
3010	00-253-1359	Coupling, shaft, flex .. ..	3010	00-726-8496
3010	00-287-8265	Coupling, shaft, flex .. ..	3010	00-240-6682
3010	00-469-1164	Clutch half, positive .. ..	3010	00-517-4483
3010	00-541-0241	Coupling, shaft, flex .. ..	3010	00-289-8593
3010	00-771-0953	Coupling, shaft .. ..	5820	00-676-6360
3010	00-793-1953	Coupling, shaft, flex .. ..	3010	00-294-5780

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 11 November 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 1103/51/86)

### UNCLASSIFIED

#### 608—Stores (General) (Group Class 3020)—Gears, Pulleys, Sprockets and Transmission Chain—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA, in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

<i>Old Stock No</i>			<i>New Stock No</i>	
<i>Group Class</i>	<i>Catalogue Number</i>	<i>Item Name</i>	<i>Group Class</i>	<i>Catalogue Number</i>
3020	00-294-4838	Gear, spur .. ..	3020	00-273-1737
3020	00-310-6690	Gear, spur .. ..	3020	00-294-5479
3020	00-731-4432	Gear, spur .. ..	3020	00-985-0201
3020	00-786-9709	Gear, spur .. ..	3020	00-678-4049
3020	00-849-9901	Gear, spur .. ..	3020	00-839-8974
3020	00-992-5710	Gear, spur .. ..	3020	00-585-5883
3020	00-992-5711	Gear, spur .. ..	3020	00-807-5485
3020	00-992-5721	Gear, spur .. ..	3020	00-052-3825
3020	00-994-4571	Gear .. ..	3020	00-978-2679

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 11 November 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 506/61/723)

## UNCLASSIFIED

**609—Stores (General) (Group Class 3030)—Belting, Drive Belts, Fan Belts and Accessories—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA, in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
3030	00-180-2078	Belts, V .. ..	3030	00-528-3794	
3030	00-230-6832	Belts, V .. ..	3030	00-528-4634	
3030	00-230-6840	Belts, V .. ..	3030	00-528-3799	
3030	00-239-5008	Belts, V .. ..	3030	00-528-4626	
3030	00-244-0295	Belts, V .. ..	3030	00-528-4254	
3030	00-294-4543	Gear, bevel .. ..	3020	00-294-4543	
3030	00-180-2081	Belt, V .. ..	3030	00-528-4273	
3030	00-232-5940	Belt, V .. ..	3030	00-528-3824	
3030	00-250-5231	Belt, V .. ..	3030	00-528-4256	
3030	00-392-8696	Belt, V .. ..	3030	00-232-5940	
3030	00-472-6021	Belt, V .. ..	3030	00-230-6840	
3030	00-629-0970	Belt, round .. ..	3030	00-618-9634	
3030	00-805-3623	Belt, positive drive .. ..	3030	00-013-7024	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 11 November 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 514/56/103)

## UNCLASSIFIED

**610—Stores (General) (Group Class 3110)—Bearings, Anti-friction Unmounted—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA, in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
3110	00-050-4289	Bearing .. ..	3110	00-156-7707	
3110	00-069-6279	Bearing .. ..	3120	00-736-1810	
3110	00-155-8434	Bearing .. ..	3110	00-203-4097	
3110	00-158-9196	Reactor .. ..	5950	00-158-9196	
3110	00-160-0191	Reactor .. ..	3110	00-798-5463	
3110	00-198-0065	Reactor .. ..	3110	00-554-3621	
3110	00-293-6019	Reactor .. ..	3120	00-293-6019	
3110	00-370-1228	Reactor .. ..	3110	00-156-5012	

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
3110	00-448-3690	Reactor .. ..	3110	00-151-9135	
3110	00-516-0512	Bearing, self-aligning .. ..	3120	00-516-0512	
3110	00-563-0586	Bearing .. ..	3110	00-516-6129	
3110	00-618-6313	Bearing, plain .. ..	3120	00-618-6313	
3110	00-646-9423	Bearing, plain .. ..	3110	00-555-6217	
3110	00-653-6005	Bearing, plain .. ..	3110	00-803-7876	
3110	00-662-9315	Bearing .. ..	3120	00-662-9315	
3110	00-703-7635	Bearing .. ..	3110	00-805-3393	
3110	00-756-1599	Bearing .. ..	3110	00-690-7299	
3110	00-865-2416	Bearing .. ..	3110	00-899-2169	
3110	00-891-5818	Bearing .. ..	3110	00-720-2507	
3110	00-914-2922	Cap, hand guard .. ..	1005	00-914-2922	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 11 November 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 400/70/115)

## UNCLASSIFIED

**611—Stores (General) (Group Class 5310)—Nuts and Washers—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA, in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5310	00-193-7506	Washer, lock .. ..	5310	00-638-4317	
5310	00-208-8726	Nut, plain, hexagon .. ..	5310	00-194-8195	
5310	00-221-4873	Nut, plain, hexagon .. ..	5310	00-685-7504	
5310	00-531-0728	Pin, rivet .. ..	5320	00-531-0728	
5310	00-592-0076	Washer, plain .. ..	5310	00-632-6761	
5310	00-596-0726	Washer, spring .. ..	5310	00-194-2791	
5310	00-777-8731	Washer, lock .. ..	5310	00-045-3296	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 11 November 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 506/51/314)

## UNCLASSIFIED

**612—Stores (General) (Group Class 5315)—Nails, Keys and Pins—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA, in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5315	00-011-3500	Pin, tapered plain .. ..	5315	00-051-9867	
5315	00-012-0502	Key, woodruff .. ..	5315	00-616-5520	
5315	00-012-4542	Key, woodruff .. ..	5315	00-616-5515	
5315	00-058-9700	Pin, spring .. ..	5815	00-286-4888	
5315	00-058-9713	Pin, spring .. ..	5315	00-619-1352	
5315	00-060-3835	Pin, spring .. ..	5315	00-720-6460	
5315	00-063-3666	Pin, cotter .. ..	5315	00-855-6805	
5315	00-132-8071	Key, machine .. ..	5315	00-188-9145	
5315	00-180-3187	Pin, spring .. ..	5315	00-039-5563	
5315	00-210-1832	Pin, grooved .. ..	5315	00-210-0571	
5315	00-234-7461	Pin, spring .. ..	5315	00-598-7284	
5315	00-235-1239	Pin, straight .. ..	5315	00-584-6035	
5315	00-242-2500	Pin, spring .. ..	5315	00-271-3050	
5315	00-245-1578	Pin, cotter .. ..	5315	00-019-1598	
5315	00-245-1579	Pin, cotter .. ..	5315	00-043-5864	
5315	00-248-5098	Pin, tapered plain .. ..	5315	00-835-4351	
5315	00-271-3018	Pin, spring .. ..	5315	00-058-9733	
5315	00-274-4886	Pin, spring .. ..	5315	00-058-9771	
5315	00-274-4889	Pin, spring .. ..	5315	00-616-3841	
5315	00-274-4893	Pin, spring .. ..	5315	00-058-9782	
5315	00-281-7604	Key, machine .. ..	5315	00-199-0878	
5315	00-281-9477	Pin, spring .. ..	5315	00-844-3940	
5315	00-282-6446	Pin, spring .. ..	5315	00-058-9746	
5315	00-285-2736	Pin, spring .. ..	5315	00-271-7505	
5315	00-297-1223	Pin, spring .. ..	5315	00-286-4887	
5315	00-297-1484	Pin, straight .. ..	5315	00-141-1656	
5315	00-531-9487	Pin, spring .. ..	5315	00-281-9477	
5315	00-539-8043	Tip, test prod .. ..	6625	00-526-0125	
5315	00-543-4138	Pin, spring .. ..	5315	00-725-6936	
5315	00-588-7571	Pin, tapered plain .. ..	5315	00-188-0194	
5315	00-598-7284	Pin, spring .. ..	5315	00-823-8740	
5315	00-608-8684	Pin, spring .. ..	5315	00-514-1828	
5315	00-616-3841	Pin, spring .. ..	5315	00-841-4443	
5315	00-616-4281	Pin, spring .. ..	5315	00-662-9980	
5315	00-619-1350	Pin, spring .. ..	5315	00-271-3045	
5315	00-622-9563	Pin, tapered plain .. ..	5315	00-187-3243	
5315	00-736-9623	Pin, spring .. ..	5315	00-619-0370	
5315	00-825-9227	Pin, spring .. ..	5315	00-281-9481	
5315	00-841-7113	Pin, spring .. ..	5315	00-058-9698	
5315	00-994-4538	Pin, spring .. ..	5315	00-980-0456	
5315	00-390-7935	Pin, spring .. ..	5315	00-285-2737	
5315	00-514-0457	Pin, spring .. ..	5315	00-286-4888	
5315	00-058-9733	Pin, spring .. ..	5315	00-823-8745	

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5315	00-058-9736	Pin, spring .. ..	5315	00-680-4626	
5315	00-281-9481	Pin, spring .. ..	5315	00-058-9731	
5315	00-514-1830	Pin, spring .. ..	5315	00-234-7465	
5315	00-058-9750	Pin, spring .. ..	5315	00-841-4442	
5315	00-526-9980	Pin, spring .. ..	5315	00-291-5471	
5315	00-558-6891	Pin, spring .. ..	5315	00-753-3893	
5315	00-561-7206	Pin, straight .. ..	5315	00-373-7543	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 11 November 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 506/51/407)

## UNCLASSIFIED

**613—Stores (General) (Group Class 5320)—Rivets—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA, in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5320	00-208-9231	Rivet, tubular .. ..	5320	00-721-4934	
5320	00-264-3217	Rivet .. ..	5320	00-067-9494	
5320	00-264-3343	Rivet .. ..	5320	00-994-7079	
5320	00-616-3988	Rivet .. ..	5320	00-702-6723	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 11 November 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 505/61/313)

## UNCLASSIFIED

**614—Stores (General) (Group Class 5325)—Fastening Devices—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA, in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5325	00-050-2854	Grommet, rubber .. ..	5325	00-290-6163	
5325	00-171-8979	Stud assembly .. ..	5325	00-298-7009	
5325	00-202-1489	Grommet, rubber .. ..	5325	00-185-0003	
5325	00-231-6584	Grommet, metallic .. ..	5325	00-291-0289	

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5325	00-254-3463	Grommet, rubber .. ..	5325	00-286-6047	
5325	00-270-8868	Grommet, rubber .. ..	5325	00-276-6100	
5325	00-276-4221	Grommet, rubber .. ..	5325	00-248-7031	
5325	00-282-0622	Stud assembly .. ..	5325	00-298-7001	
5325	00-290-3786	Grommet, rubber .. ..	5325	00-276-6082	
5325	00-300-5738	Grommet, rubber .. ..	5325	00-185-0004	
5325	00-320-0390	Stud assembly .. ..	5325	00-550-4360	
5325	00-359-6050	Grommet, rubber .. ..	5325	00-281-1557	
5325	00-551-7078	Stud assembly .. ..	5325	00-281-4015	
5325	00-559-7576	Grommet, rubber .. ..	5325	00-174-9004	
5325	00-638-9386	Grommet, rubber .. ..	5325	00-185-0012	
5325	00-641-0367	Grommet, rubber .. ..	5325	00-276-6228	
5325	00-677-6059	Grommet, rubber .. ..	5325	00-286-6047	
5325	00-710-3817	Receptacle turn-lock .. ..	5325	00-282-0629	
5325	00-808-3985	Grommet, rubber .. ..	5325	00-263-6632	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 11 November 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 506/51/406)

#### UNCLASSIFIED

#### 615—Stores (General) (Group Class 5355)—Knobs and Pointers—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA, in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5355	00-197-1259	Knob .. ..	5355	00-669-8816	
5355	00-284-5514	Knob .. ..	5355	00-556-0151	
5355	00-284-5583	Knob .. ..	5355	00-284-5649	
5355	00-284-5649	Knob .. ..	5355	00-619-4668	
5355	00-387-2610	Shaft lock, electronic .. ..	5355	00-156-6559	
5355	00-545-7468	Dial, control .. ..	5355	00-519-4223	
5355	00-548-9399	Knob .. ..	5355	00-616-9604	
5355	00-568-2840	Dial, drum .. ..	5355	00-691-6052	
5355	00-577-5882	Knob .. ..	5355	00-579-6390	
5355	00-584-4088	Knob .. ..	5355	00-851-4953	
5355	00-584-4401	Knob .. ..	5355	00-584-4707	
5355	00-584-4403	Knob .. ..	5355	00-644-1783	
5355	00-587-9396	Dial, knob lock .. ..	5355	00-840-3658	
5355	00-614-3740	Shaft lock, electron .. ..	5355	00-609-5599	
5355	00-619-9662	Knob .. ..	5355	00-160-6096	
5355	00-627-3880	Dial, knob lock .. ..	5355	00-503-4264	

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5355	00-631-8534	Knob .. ..	5355	00-160-6132	
5355	00-644-1665	Knob .. ..	5355	00-579-6390	
5355	00-644-1700	Knob .. ..	5355	00-616-7669	
5355	00-644-2051	Knob .. ..	5355	00-687-2917	
5355	00-646-4687	Knob .. ..	5355	00-584-4247	
5355	00-656-1361	Knob .. ..	5355	00-284-5186	
5355	00-667-9406	Dial, control .. ..	5355	00-312-7867	
5355	00-668-5621	Knob .. ..	5355	00-687-2917	
5355	00-669-3686	Knob .. ..	5355	00-160-5964	
5355	00-678-1563	Dial, control .. ..	5355	00-559-8268	
5355	00-680-8017	Knob .. ..	5355	00-556-0145	
5355	00-685-3844	Knob .. ..	5355	00-523-8278	
5355	00-733-9274	Knob .. ..	5355	00-667-9826	
5355	00-733-9275	Knob .. ..	5355	00-559-4152	
5355	00-733-9276	Knob .. ..	5355	00-559-4153	
5355	00-779-9580	Knob .. ..	5355	00-063-5059	
5355	00-797-4875	Knob .. ..	5355	00-584-4243	
5355	00-802-6514	Knob .. ..	5355	00-680-8225	
5355	00-814-6547	Pointer, dial .. ..	5355	00-679-9326	
5355	00-818-4017	Knob .. ..	5355	00-559-8942	
5355	00-819-7265	Dial, control .. ..	5355	00-667-9423	
5355	00-825-0236	Knob .. ..	5355	00-160-7108	
5355	00-835-8964	Knob .. ..	5355	00-543-0789	
5355	00-858-5235	Knob .. ..	5355	00-813-2078	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 11 November 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/82/37)

#### UNCLASSIFIED

#### 616—Stores (General) (Group Class 5935)—Connectors, Electrical—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA, in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5935	00-027-2949	Connector, receptacle, electrical .. ..	5935	00-642-4403	
5935	00-027-6710	Adapter connector .. ..	5935	00-557-9862	
5935	00-028-3612	Adapter cable .. ..	5935	00-280-7353	
5935	00-038-3883	Socket, electron tube .. ..	5935	00-259-3995	
5935	00-060-0044	Socket, crystal .. ..	5935	00-813-7822	
5935	00-070-8117	Socket .. ..	5935	00-076-2156	
5935	00-081-9166	Contact, electrical .. ..	5935	00-879-6099	



Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5935	00-086-9142	Connector, receptacle, electrical	5935	00-843-3117
5935	00-087-7976	Socket, electron .. ..	5935	00-129-9358
5935	00-091-1482	Adapter cable .. ..	5935	00-308-5194
5935	00-093-7234	Jack, tip .. ..	5935	00-186-9882
5935	00-149-0192	Connector, plug, electrical ..	5935	00-227-8423
5935	00-149-3094	Connector, plug, electrical ..	5935	00-201-7982
5935	00-149-3525	Connector, receptacle, electrical	5935	00-665-4573
5935	00-149-3649	Connector, plug, electrical ..	5935	00-259-2748
5935	00-149-5370	Connector, plug, electrical ..	5935	00-187-0723
5935	00-170-8147	Adapter connector .. ..	5935	00-539-0851
5935	00-173-6263	Connector, receptacle, electrical	5935	00-259-3956
5935	00-173-6276	Connector, receptacle, electrical	5935	00-201-6496
5935	00-173-7833	Connector, receptacle, electrical	5935	00-280-2264
5935	00-189-5222	Connector, receptacle, electrical	5935	00-295-5006
5935	00-189-6244	Connector, receptacle, electrical	5935	00-280-2957
5935	00-189-6253	Connector, plug, electrical ..	5935	00-552-2374
5935	00-192-4861	Jack, telephone .. ..	5935	00-636-7206
5935	00-197-2965	Jack, tip .. ..	5935	00-196-0462
5935	00-199-2640	Connector, plug, electrical ..	5935	00-644-5112
5935	00-201-2353	Connector, receptacle, electrical	5935	00-082-0481
5935	00-201-2384	Connector, plug, electrical ..	5935	00-500-5183
5935	00-201-3993	Connector, receptacle, electrical	5935	00-502-0162
5935	00-201-5317	Shield, electrical connection ..	5935	00-283-1207
5935	00-201-5614	Jack, tip .. ..	5935	00-259-6774
5935	00-201-5672	Connector, receptacle .. ..	5935	00-149-3421
5935	00-201-5675	Connector, receptacle .. ..	5935	00-241-1979
5935	00-201-7964	Connector, receptacle .. ..	5935	00-238-6711
5935	00-201-7981	Connector, plug, electrical ..	5935	00-149-2901
5935	00-201-8182	Connector, plug, electrical ..	5935	00-553-9080
5935	00-201-8529	Socket electron tube .. ..	5935	00-222-9828
5935	00-201-9417	Connector, receptacle .. ..	5935	00-201-3511
5935	00-204-5104	Adapter connector .. ..	5935	00-201-8151
5935	00-204-9217	Connector, receptacle .. ..	5935	00-623-7199
5935	00-204-9903	Adapter connector .. ..	5935	00-729-8618
5935	00-221-3221	Connector, plug, electrical ..	5935	00-204-9806
5935	00-224-4473	Connector, plug, electrical ..	5935	00-149-3876
5935	00-227-8393	Connector, plug, electrical ..	5935	00-665-7657
5935	00-228-6785	Shield, electrical, connector ..	5935	00-259-3045
5935	00-235-8080	Connector, receptacle, electrical	5935	00-201-8160
5935	00-235-9632	Connector, plug, electrical ..	5935	00-296-8574
5935	00-236-1056	Connector, receptacle, electrical	5935	00-280-1892
5935	00-236-4676	Jack, tip .. ..	5935	00-187-0700
5935	00-236-5101	Connector, plug, electrical ..	5935	00-565-0063
5935	00-237-6445	Socket electron tube .. ..	5935	00-283-2935
5935	00-237-6456	Socket electron tube .. ..	5935	00-240-8166
5935	00-238-0264	Connector, receptacle, electrical	5935	00-258-4545
5935	00-238-4179	Connector, receptacle, electrical	5935	00-295-4776
5935	00-238-4192	Connector, receptacle, electrical	5935	00-283-2877
5935	00-241-5468	Connector, receptacle, electrical	5935	00-149-3230
5935	00-257-8264	Connector, receptacle, electrical	5935	00-258-8571

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5935	00-257-8697	Connector, receptacle, electrical	5935	00-258-9019
5935	00-257-9842	Connector, receptacle, electrical	5935	00-284-3931
5935	00-257-9880	Connector, receptacle, electrical	5935	00-257-9341
5935	00-258-0754	Adapter, connector .. ..	5935	00-199-1806
5935	00-258-1079	Connector, plug, electrical ..	5935	00-665-4531
5935	00-258-1578	Connector, plug, electrical ..	5935	00-192-1502
5935	00-258-1720	Connector, plug, electrical ..	5935	00-617-7664
5935	00-258-1726	Connector, receptacle, electrical	5935	00-636-8290
5935	00-258-1743	Connector, receptacle, electrical	5935	00-257-9719
5935	00-258-1763	Adapter, connector .. ..	5935	00-259-0205
5935	00-258-4133	Connector, receptacle, electrical	5935	00-257-8731
5935	00-258-6299	Plug, tip .. ..	5935	00-192-4620
5935	00-258-8151	Connector, receptacle, electrical	5935	00-204-7705
5935	00-258-8153	Connector, receptacle, electrical	5935	00-259-6790
5935	00-258-8157	Connector, receptacle, electrical	5935	00-535-4212
5935	00-258-8158	Connector, receptacle, electrical	5935	00-258-5811
5935	00-258-8170	Connector, receptacle, electrical	5935	00-259-0775
5935	00-258-9164	Connector, receptacle, electrical	5935	00-258-8170
5935	00-259-0159	Connector, receptacle, electrical	5935	00-201-8443
5935	00-259-0355	Socket, electron tube .. ..	5935	00-129-3101
5935	00-259-0722	Socket, electron tube .. ..	5935	00-222-9913
5935	00-259-1944	Socket, electron tube .. ..	5935	00-232-3758
5935	00-259-3109	Jack, tip .. ..	5935	00-283-3827
5935	00-259-3151	Jack, tip .. ..	5935	00-283-3826
5935	00-259-3261	Connector, receptacle, electrical	5935	00-258-9042
5935	00-259-3302	Connector, receptacle, electrical	5935	00-258-0046
5935	00-259-4134	Connector, receptacle, electrical	5935	00-198-9608
5935	00-259-4142	Connector, receptacle, electrical	5935	00-583-5673
5935	00-259-4586	Connector, plug, electrical ..	5935	00-258-6045
5935	00-259-7517	Connector, receptacle, electrical	5935	00-259-4605
5935	00-259-9859	Jack, telephone .. ..	5935	00-192-4808
5935	00-260-0520	Socket, electron tube .. ..	5935	00-201-3941
5935	00-274-7338	Connector, receptacle, electrical	5935	00-500-9818
5935	00-280-1934	Clamp, cable, electrical ..	5935	00-283-3394
5935	00-280-2882	Socket, electron tube .. ..	5935	00-296-8411
5935	00-280-2957	Connector, receptacle, electrical	5935	00-258-8572
5935	00-283-2908	Connector, receptacle, electrical	5935	00-259-4636
5935	00-283-3402	Clamp, cable, electrical ..	5935	00-280-1935
5935	00-283-3826	Jack, tip .. ..	5935	00-501-5488
5935	00-283-3828	Jack, tip .. ..	5935	00-283-3761
5935	00-283-7137	Connector, receptacle, electrical	5935	00-234-9114
5935	00-283-7211	Connector, receptacle, electrical	5935	00-259-6981
5935	00-284-3625	Connector, plug, electrical ..	5935	00-243-4021
5935	00-284-3651	Connector, plug, electrical ..	5935	00-283-2910
5935	00-295-4340	Connector, receptacle, electrical	5935	00-027-2947
5935	00-259-5409	Connector, receptacle, electrical	5935	00-149-3483
5935	00-295-6854	Jack, tip .. ..	5935	00-501-5488
5935	00-295-6890	Connector, receptacle, electrical	5935	00-283-3418
5935	00-296-7824	Connector, receptacle, electrical	5935	00-643-6668
5935	00-296-8818	Socket, electron tube .. ..	5935	00-201-2446

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5935	00-296-8830	Socket, electron tube .. ..	5935	00-193-7854
5935	00-302-6275	Connector, receptacle, electrical	5935	00-173-5908
5935	00-302-6295	Shield, electrical, connection ..	5935	00-280-2219
5935	00-303-5917	Plug, telephone .. ..	5935	00-192-4760
5935	00-308-4450	Connector, receptacle, electrical	5935	00-257-9337
5935	00-311-9923	Connector, plug, electrical .. ..	5935	00-187-7096
5935	00-312-7985	Shell, electrical, connection ..	5935	00-202-0940
5935	00-313-8004	Adapter, connector .. ..	5935	00-201-3509
5935	00-321-4847	Adapter, connector .. ..	5935	00-149-3535
5935	00-321-5084	Connector, receptacle, electrical	5935	00-259-4413
5935	00-321-7292	Connector, receptacle, electrical	5935	00-283-7190
5935	00-324-6522	Socket, electron tube .. ..	5935	00-507-4849
5935	00-329-4856	Connector, plug, electrical .. ..	5935	00-644-6925
5935	00-331-1797	Connector, receptacle, electrical	5935	00-259-4142
5935	00-333-9712	Socket, crystal .. ..	5935	00-643-9231
5935	00-334-5253	Adapter, connector .. ..	5935	00-224-3363
5935	00-355-9819	Socket, electron tube .. ..	5935	00-258-8865
5935	00-355-9825	Socket, relay .. ..	5935	00-549-1722
5935	00-373-3815	Connector, receptacle, electrical	5935	00-258-0190
5935	00-390-9795	Connector, receptacle, electrical	5935	00-204-7685
5935	00-440-6650	Connector, electron tube .. ..	5935	00-604-0239
5935	00-440-9391	Socket relay .. ..	5935	00-577-2524
5935	00-500-5241	Connector, plug, electrical .. ..	5935	00-149-3666
5935	00-500-7133	Connector, receptacle, electrical	5935	00-644-6733
5935	00-500-7307	Adapter, connector .. ..	5935	00-500-5983
5935	00-500-7444	Connector, receptacle, electrical	5935	00-552-7660
5935	00-500-8461	Connector, receptacle, electrical	5935	00-259-3257
5935	00-500-9461	Socket, electron tube .. ..	5935	00-549-3314
5935	00-501-5794	Socket, electron tube .. ..	5935	00-173-5713
5935	00-501-6897	Socket, electron tube .. ..	5935	00-248-3549
5935	00-501-7167	Connector, receptacle, electrical	5935	00-173-7745
5935	00-502-3803	Connector, receptacle, electrical	5935	00-646-5890
5935	00-502-5924	Contact, electrical .. ..	5840	00-643-7618
5935	00-502-6797	Connector, receptacle, electrical	5935	00-149-3415
5935	00-502-7660	Cover, electrical connector .. ..	5935	00-577-8714
5935	00-502-9118	Connector, plug, electrical .. ..	5935	00-259-0074
5935	00-502-9263	Connector, receptacle, electrical	5935	00-280-2074
5935	00-503-9458	Socket, electron tube .. ..	5935	00-617-2849
5935	00-504-3158	Connector, plug, electrical .. ..	5935	00-823-0561
5935	00-505-4233	Connector, plug, electrical .. ..	5935	00-148-9378
5935	00-507-0641	Connector, receptacle, electrical	5935	00-722-4273
5935	00-508-1733	Socket, electron tube .. ..	5935	00-193-7732
5935	00-513-2375	Connector, receptacle, electrical	5935	00-296-8925
5935	00-513-2823	Connector, receptacle, electrical	5935	00-173-6276
5935	00-513-2884	Connector, receptacle, electrical	5935	00 259-3300
5935	00-513-3432	Socket, electron tube .. ..	5935	00-162-3071
5935	00-518-7658	Connector, receptacle, electrical	5935	00-642-0981
5935	00-518-8401	Connector, receptacle, electrical	5935	00-502-7660
5935	00-518-8584	Clamp, cable, electrical .. ..	5935	00-259-2019
5935	00-518-9316	Connector, plug, electrical .. ..	5935	00-570-5278

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5935	00-518-9653	Connector, plug, electrical .. ..	5935	00-552-4490
5935	00-523-8717	Plug, telephone .. ..	5935	00-500-9734
5935	00-523-9047	Connector, receptacle, electrical	5935	00-666-1640
5935	00-254-6884	Jack, tip .. ..	5935	00-686-3254
5935	00-532-3899	Connector, receptacle, electrical	5935	00-553-2482
5935	00-537-4230	Dummy connector plug .. ..	5935	00-257-8018
5935	00-539-0384	Socket, electron tube .. ..	5935	00-201-5979
5935	00-539-2790	Connector, plug, electrical .. ..	5935	00-615-7211
5935	00-539-5239	Socket, electron tube .. ..	5935	00-222-6473
5935	00-539-5246	Connector, plug, electrical .. ..	5935	00-636-7145
5935	00-542-9820	Jack, tip .. ..	5935	00-552-7720
5935	00-542-9821	Jack, tip .. ..	5935	00-681-5690
5935	00-542-9822	Jack, tip .. ..	5935	00-552-7613
5935	00-542-9823	Jack, tip .. ..	5935	00-681-5689
5935	00-549-1024	Connector, plug, electrical .. ..	5935	00-500-8608
5935	00-549-4961	Socket, electron tube .. ..	5935	00-222-6433
5935	00-549-6613	Connector, plug, electrical .. ..	5935	00-257-8730
5935	00-549-7504	Connector, receptacle, electrical	5935	00-549-6613
5935	00-549-9086	Dummy connector, plug .. ..	5935	00-295-4840
5935	00-552-6736	Connector, receptacle, electrical	5935	00-196-6533
5935	00-552-7504	Connector, plug, electrical .. ..	5935	00-816-5275
5935	00-522-7613	Jack, tip .. ..	5935	00-685-9396
5935	00-552-7978	Connector, receptacle .. ..	5935	00-577-0009
5935	00-553-2482	Connector, receptacle .. ..	5935	00-259-6798
5935	00-553-2925	Connector, plug .. ..	5935	00-259-0071
5935	00-553-2927	Connector, plug .. ..	5935	00-259-0058
5935	00-553-2930	Connector, plug .. ..	5935	00-280-2829
5935	00-553-3181	Connector, receptacle .. ..	5935	00-577-0008
5935	00-553-3306	Connector, plug .. ..	5935	00-636-6615
5935	00-565-0070	Cover, electrical .. ..	5935	00-581-4558
5935	00-566-8801	Connector, receptacle .. ..	5935	00-033-5655
5935	00-566-8802	Connector, receptacle .. ..	5935	00-033-5654
5935	00-568-0798	Socket, crystal .. ..	5935	00-161-4711
5935	00-568-0849	Connector, plug .. ..	5935	00-240-9381
5935	00-577-0312	Connector, plug .. ..	5935	00-823-0213
5935	00-577-8516	Socket, electron .. ..	5935	00-259-0337
5935	00-577-8779	Connector, receptacle .. ..	5935	00-832-4344
5935	00-578-2707	Socket, crystal .. ..	5935	00-204-8161
5935	00-578-3493	Plug, tip .. ..	5935	00-846-8236
5935	00-578-4028	Connector, receptacle .. ..	5935	00-655-4370
5935	00-578-9832	Jack, tip .. ..	5935	00-615-9130
5935	00-581-4520	Socket, electron .. ..	5935	00-810-7227
5935	00-581-6692	Connector, receptacle .. ..	5935	00-817-3357
5935	00-583-5678	Dummy load, electric .. ..	5985	00-894-3404
5935	00-583-8050	Connector, receptacle .. ..	5935	00-578-3662
5935	00-586-6891	Connector, plug .. ..	5935	00-752-2639
5935	00-586-7217	Socket, electron .. ..	5935	00-628-7292
5935	00-586-7884	Socket, electron .. ..	5935	00-581-6400
5935	00-589-0214	Connector, plug .. ..	5935	00-552-7112
5935	00-589-1242	Socket, electron .. ..	5935	00-755-3771

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5935	00-590-2579	Connector, receptacle ..	5935	00-666-3003
5935	00-602-9781	Connector, plug ..	5935	00-295-3365
5935	00-602-9819	Connector, receptacle ..	5935	00-295-6579
5935	00-603-3666	Connector, receptacle ..	5935	00-644-5147
5935	00-606-5255	Connector, receptacle ..	5935	00-295-5315
5935	00-608-1743	Connector, plug ..	5935	00-506-4496
5935	00-609-2839	Connector, receptacle ..	5935	00-807-8223
5935	00-609-3230	Connector, plug ..	5935	00-518-9317
5935	00-609-3232	Connector, plug ..	5935	00-539-2849
5935	00-609-3233	Connector, plug ..	5935	00-518-9312
5935	00-614-3961	Connector, plug ..	5935	00-283-3724
5935	00-615-1720	Jack, telephone ..	5935	00-192-4789
5935	00-615-3481	Connector, receptacle ..	5935	00-577-8715
5935	00-615-6768	Clamp, cable ..	5935	00-502-4906
5935	00-615-8084	Connector, receptacle ..	5935	00-615-3023
5935	00-617-2219	Socket, electron ..	5935	00-280-2805
5935	00-617-2318	Clamp, cable ..	5935	00-280-2200
5935	00-617-6866	Jack, telephone ..	5935	00-283-2898
5935	00-620-4176	Socket, electron ..	5935	00-557-4828
5935	00-620-4892	Clip, electrical ..	5840	00-643-7686
5935	00-620-9390	Adapter, cable ..	5935	00-280-1936
5935	00-622-9862	Jack, tip ..	5935	00-201-7922
5935	00-624-1519	Connector, receptacle ..	5935	00-583-8883
5935	00-628-7592	Socket, electron ..	5935	00-752-2998
5935	00-630-6602	Connector, plug ..	5935	00-149-5370
5935	00-631-1403	Jack, tip ..	5935	00-295-6854
5935	00-633-0413	Connector, receptacle ..	5935	00-617-5388
5935	00-636-5808	Connector, plug ..	5935	00-284-3967
5935	00-636-5970	Connector, plug ..	5935	00-222-7852
5935	00-636-7204	Jack, telephone ..	5935	00-192-4834
5935	00-642-0748	Adapter, connector ..	5935	00-204-8382
5935	00-642-2368	Socket, electron ..	5935	00-549-5424
5935	00-642-3701	Adapter, connector ..	5935	00-149-3304
5935	00-642-4047	Connector, receptacle ..	5935	00-149-2671
5935	00-642-4260	Cover, electrical ..	5935	00-196-1432
5935	00-643-5387	Connector, plug ..	5935	00-259-5957
5935	00-643-5395	Connector, plug ..	5935	00-199-2656
5935	00-643-6454	Connector, receptacle ..	5935	00-259-0611
5935	00-643-9320	Connector, plug ..	5935	00-221-3226
5935	00-644-6726	Connector, plug ..	5935	00-201-9487
5935	00-644-7051	Connector, plug ..	5935	00-259-3258
5935	00-644-7145	Connector, receptacle ..	5935	00-201-5668
5935	00-644-7936	Connector, plug ..	5935	00-405-0348
5935	00-644-8003	Adapter, connector ..	5935	00-553-3399
5935	00-647-1153	Connector, receptacle ..	5935	00-504-3161
5935	00-657-1528	Connector, plug ..	5935	00-950-8531
5935	00-660-5603	Jack, tip ..	5935	00-577-2336
5935	00-660-5863	Connector, plug ..	5935	00-539-2850
5935	00-660-5850	Connector, receptacle ..	5935	00-578-9876
5935	00-660-6914	Connector, receptacle ..	5935	00-259-9839

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5935	00-661-0928	Connector, receptacle ..	5935	00-526-0539
5935	00-665-4681	Connector, plug ..	5935	00-500-5183
5935	00-665-5994	Jack, tip ..	5935	00-236-4676
5935	00-665-7852	Connector, receptacle ..	5935	00-283-7134
5935	00-666-0282	Socket, electron ..	5935	00-171-3129
5935	00-666-0410	Socket, electron ..	5935	00-256-2103
5935	00-666-1408	Connector, plug ..	5935	00-149-4018
5935	00-666-1558	Connector, receptacle ..	5935	00-086-2359
5935	00-666-2960	Connector, receptacle ..	5935	00-164-7986
5935	00-666-4870	Adaptor, connector ..	5935	00-201-2755
5935	00-671-3029	Connector, receptacle ..	5935	00-061-2639
5935	00-677-8054	Socket, electron ..	5935	00-549-7763
5935	00-678-1919	Jack, tip ..	5935	00-615-8555
5935	00-681-0905	Jack, tip ..	5935	00-027-2636
5935	00-681-3261	Connector, receptacle ..	5935	00-682-0578
5935	00-681-3666	Connector, receptacle ..	5935	00-201-7043
5935	00-682-0530	Jack, tip ..	5935	00-577-2337
5935	00-683-0923	Connector, receptacle ..	5935	00-556-5458
5935	00-683-5146	Connector, receptacle ..	5935	00-721-2307
5935	00-685-9450	Connector, receptacle ..	5935	00-729-8123
5935	00-686-0433	Connector, receptacle ..	5935	00-577-8713
5935	00-686-3230	Connector, receptacle ..	5935	00-729-8745
5935	00-691-6344	Connector, receptacle ..	5935	00-201-3545
5935	00-697-3478	Connector, plug ..	5935	00-621-2900
5935	00-698-3712	Connector, receptacle ..	5935	00-173-6263
5935	00-698-3724	Retainer, electrical ..	5960	00-682-0885
5935	00-704-6040	Connector, plug ..	5935	00-754-9018
5935	00-705-4873	Jack, telephone ..	5935	00-254-9192
5935	00-707-5337	Connector, receptacle ..	5935	00-984-7114
5935	00-710-3103	Jack, tip ..	5935	00-735-4684
5935	00-711-0631	Jack, tip ..	5935	00-617-6837
5935	00-713-3949	Socket, electron ..	5935	00-686-3625
5935	00-715-6352	Connector, receptacle ..	5935	00-027-6759
5935	00-717-1805	Socket, electron ..	5935	00-678-9774
5935	00-722-3785	Connector, receptacle ..	5935	00-984-6775
5935	00-722-8932	Connector, plug ..	5935	00-881-6398
5935	00-726-8724	Connector, plug ..	5935	00-817-3781
5935	00-726-9424	Connector, plug ..	5935	00-581-0422
5935	00-728-4804	Connector, receptacle ..	5935	00-636-5905
5935	00-729-8228	Connector, receptacle ..	5935	00-665-8655
5935	00-755-0311	Connector, receptacle ..	5935	00-536-2010
5935	00-755-2724	Cover, electrical ..	5935	00-813-4080
5935	00-766-8706	Socket, relay ..	5935	00-775-1171
5935	00-767-5076	Connector, plug ..	5935	00-726-4704
5935	00-787-0366	Socket, crystal ..	5935	00-886-4298
5935	00-787-4567	Connector, receptacle ..	5935	00-283-2908
5935	00-791-2253	Connector, receptacle ..	5935	00-636-7000
5935	00-791-2293	Connector, receptacle ..	5935	00-660-6914
5935	00-791-2296	Connector, receptacle ..	5935	00-552-7978
5935	00-793-2018	Retainer, electrical ..	5960	00-088-4211

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5935	00-794-3059	Socket, electron .. ..	5935	00-882-6455
5935	00-799-8243	Adapter, connector .. ..	5935	00-259-0205
5935	00-801-4247	Jack, tip .. ..	5935	00-617-6837
5935	00-803-4572	Connector, plug .. ..	5935	00-552-4716
5935	00-805-2445	Connector, plug .. ..	5935	00-686-0379
5935	00-805-6224	Connector, receptacle .. ..	5935	00-807-9985
5935	00-807-0159	Connector, receptacle .. ..	5935	00-061-1369
5935	00-807-3452	Connector, receptacle .. ..	5935	00-283-2919
5935	00-807-3472	Connector, plug .. ..	5935	00-810-6598
5935	00-807-7979	Connector, plug .. ..	5935	00-242-5283
5935	00-808-6990	Connector, receptacle .. ..	5935	00-644-5150
5935	00-808-9887	Connector, receptacle .. ..	5935	00-583-5956
5935	00-812-7906	Connector, receptacle .. ..	5935	00-851-4208
5935	00-813-3330	Jack, tip .. ..	5935	00-655-1326
5935	00-813-9126	Connector, receptacle .. ..	5935	00-687-1446
5935	00-818-5620	Connector, receptacle .. ..	5935	00-816-6453
5935	00-820-1886	Connector, receptacle .. ..	5935	00-500-8234
5935	00-823-0833	Connector, plug .. ..	5935	00-823-0487
5935	00-824-8298	Cover, electrical .. ..	5935	00-786-8506
5935	00-825-1683	Connector, plug .. ..	5935	00-081-0540
5935	00-825-9777	Connector, plug .. ..	5935	00-498-0772
5935	00-829-5355	Connector, receptacle .. ..	5935	00-088-1503
5935	00-833-9247	Jack, tip .. ..	5935	00-801-4247
5935	00-834-2567	Connector, receptacle .. ..	5935	00-816-9433
5935	00-835-2495	Connector, receptacle .. ..	5935	00-201-4382
5935	00-839-0716	Connector, receptacle .. ..	5935	00-687-1301
5935	00-840-4708	Connector, plug .. ..	5935	00-643-5285
5935	00-840-8131	Connector, receptacle .. ..	5935	00-283-3765
5935	00-844-5256	Connector, receptacle .. ..	5935	00-843-2844
5935	00-846-6576	Connector, receptacle .. ..	5935	00-755-3688
5935	00-849-6048	Connector, plug .. ..	5935	00-681-5928
5935	00-849-8280	Jack, tip .. ..	5935	00-257-7042
5935	00-850-3147	Socket, electron .. ..	5935	00-227-7756
5935	00-851-5108	Jack, tip .. ..	5935	00-578-3324
5935	00-851-9478	Connector, plug .. ..	5935	00-201-7983
5935	00-856-6469	Contact, electrical .. ..	5821	00-871-0830
5935	00-866-1194	Connector, plug .. ..	5935	00-504-3892
5935	00-879-0968	Connector, receptacle .. ..	5935	00-755-3494
5935	00-881-9175	Connector, receptacle .. ..	5935	00-823-0278
5935	00-892-9040	Connector, plug .. ..	5935	00-721-2675
5935	00-896-3551	Connector, plug .. ..	5935	00-707-5374
5935	00-963-6813	Socket, electron .. ..	5935	00-729-8606
5935	00-963-7031	Connector, plug .. ..	5935	00-704-6017
5935	00-968-9443	Connector, receptacle .. ..	5935	00-201-2353
5935	00-981-7156	Tool, connector .. ..	5120	00-981-7156
5935	00-983-2616	Connector, receptacle .. ..	5935	00-059-2640
5935	00-990-8838	Contact, electrical .. ..	5935	00-990-6869
5935	00-080-6523	Connector .. ..	5935	00-061-7127
5935	00-081-6291	Jack, tip .. ..	5935	00-808-6134
5935	00-149-4241	Connector, plug .. ..	5935	00-539-0848

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5935	00-193-3527	Connector .. ..	5935	00-201-4596
5935	00-201-2322	Connector, plug .. ..	5935	00-149-3885
5935	00-201-9423	Connector .. ..	5935	00-644-7203
5935	00-204-6029	Connector, plug .. ..	5935	00-665-7171
5935	00-204-6078	Connector, plug .. ..	5935	00-173-7842
5935	00-204-7947	Connector, plug .. ..	5935	00-577-2435
5935	00-204-9224	Connector .. ..	5935	00-504-4183
5935	00-227-8407	Connector, plug, electrical .. ..	5935	00-025-9588
5935	00-231-1769	Connector, plug .. ..	5935	00-665-4692
5935	00-257-8549	Connector .. ..	5935	00-258-8572
5935	00-257-9297	Connector .. ..	5935	00-502-3142
5935	00-258-6304	Connector, receptacle .. ..	5935	00-295-3343
5935	00-259-0680	Connector, receptacle .. ..	5935	00-259-0595
5935	00-259-2515	Connector, plug .. ..	5935	00-222-7848
5935	00-259-2569	Connector, plug .. ..	5935	00-989-0884
5935	00-259-3606	Connector .. ..	5935	00-201-8476
5935	00-259-5961	Connector .. ..	5935	00-755-3191
5935	00-274-6896	Connector, plug .. ..	5935	00-404-8015
5935	00-280-2235	Connector .. ..	5935	00-258-7852
5935	00-280-2253	Connector .. ..	5935	00-280-2234
5935	00-280-2866	Socket, electron .. ..	5935	00-577-8695
5935	00-306-5152	Connector .. ..	5935	00-259-3318
5935	00-323-0789	Connector .. ..	5935	00-259-0257
5935	00-362-2156	Microphone, magnetic .. ..	5965	00-362-2156
5935	00-396-3142	Connector .. ..	5935	00-258-8572
5935	00-502-5151	Connector, receptacle, electrical .. ..	5935	00-892-9035
5935	00-502-9251	Connector .. ..	5935	00-283-2916
5935	00-939-1663	Connector .. ..	5935	00-201-2482
5935	00-549-1238	Connector .. ..	5935	00-174-9101
5935	00-549-2642	Connector .. ..	5935	00-258-1194
5935	00-549-5140	Connector .. ..	5935	00-557-1973
5935	00-549-5809	Connector .. ..	5935	00-502-5151
5935	00-549-7562	Connector, receptacle .. ..	5935	00-666-4791
5935	00-553-3315	Connector .. ..	5935	00-755-3536
5935	00-556-5325	Connector .. ..	5935	00-500-6487
5935	00-602-3762	Screw lock assembly .. ..	5935	00-898-0494
5935	00-615-6372	Connector .. ..	5935	00-717-5745
5935	00-617-6496	Connector .. ..	5935	00-817-3325
5935	00-636-7622	Connector .. ..	5935	00-813-4716
5935	00-648-2316	Connector .. ..	5935	00-087-8049
5935	00-659-5249	Connector .. ..	5935	00-729-0403
5935	00-660-6094	Connector .. ..	5935	00-814-3002
5935	00-660-6176	Connector .. ..	5935	00-866-1011
5935	00-660-6177	Connector .. ..	5935	00-689-9659
5935	00-660-6183	Connector .. ..	5935	00-814-5195
5935	00-660-6187	Connector .. ..	5935	00-851-3955
5935	00-660-6605	Connector .. ..	5935	00-681-4815
5935	00-666-1295	Connector, receptacle .. ..	5935	00-258-8569
5935	00-666-1590	Socket, crystal .. ..	5935	00-164-7828
5935	00-683-1871	Connector .. ..	5935	00-729-7305

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5935	00-683-4979	Fuse, cartridge .. ..	5920	00-683-4979
5935	00-683-7685	Connector .. ..	5935	00-259-4690
5935	00-685-9428	Connector .. ..	5935	00-283-3825
5935	00-685-9959	Connector .. ..	5935	00-257-8683
5935	00-686-9389	Connector .. ..	5935	00-837-5216
5935	00-686-9618	Connector .. ..	5935	00-814-4620
5935	00-704-5994	Plug, protective, dust and moisture seal	5340	00-704-5994
5935	00-715-9345	Socket, semi-conductor ..	5961	00-715-9345
5935	00-725-9927	Connector .. ..	5935	00-617-5387
5935	00-727-3581	Connector .. ..	5935	00-823-0778
5935	00-729-8683	Connector .. ..	5935	00-866-2254
5935	00-754-8764	Connector .. ..	5935	00-721-0505
5935	00-755-0612	Connector .. ..	5935	00-617-5386
5935	00-775-8884	Connector .. ..	5935	00-820-2435
5935	00-779-0878	Connector, plug .. ..	5935	00-629-8120
5935	00-803-3596	Connector .. ..	5935	00-838-5767
5935	00-806-2690	Connector .. ..	5935	00-615-6734
5935	00-808-9551	Connector .. ..	5935	00-615-6736
5935	00-810-6826	Connector .. ..	5935	00-280-2234
5935	00-811-9206	Connector .. ..	5935	00-683-6028
5935	00-813-2024	Connector .. ..	5935	00-755-3506
5935	00-813-2472	Connector .. ..	5935	00-779-8295
5935	00-817-4599	Connector .. ..	5935	00-615-8555
5935	00-818-0911	Socket, electron tube ..	5935	00-222-9828
5935	00-821-8629	Connector .. ..	5935	00-204-7947
5935	00-821-8637	Connector .. ..	5935	00-818-3430
5935	00-825-2609	Resistor, fixed .. ..	5905	00-825-2609
5935	00-828-9599	Connector .. ..	5935	00-686-9675
5935	00-840-8129	Connector .. ..	5935	00-813-4847
5935	00-840-8130	Connector .. ..	5935	00-813-4848
5935	00-861-0350	Socket, varactor, diode ..	5961	00-861-0350
5935	00-894-6998	Connector .. ..	5935	00-878-5348
5935	00-983-8499	Connector .. ..	5935	00-990-5099
5935	00-989-0292	Socket, semi-conductor ..	5961	00-989-0292
5935	00-989-2549	Connector .. ..	5935	00-064-1870
5935	00-992-2551	Connector .. ..	5935	00-087-4948

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 11 November 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/81/113)

## UNCLASSIFIED

### 617—Stores (General) (Group Class 5950)—Coils and Transformers—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA, in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5950	00-060 6389	Coil, radio frequency ..	5950	00-812-4438
5950	00-393-1467	Coil, radio frequency ..	5950	00-645-7431
5950	00-916-8868	Transformer, power ..	5950	00-776-1401
5950	00-990-3808	Transformer, power ..	5950	00-878-6340

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 11 November 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/62/151)

## UNCLASSIFIED

### 618—Stores (General) (Group Class 6645)—Time Measuring Instruments—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA, in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
6645	00-079-4086	Meter, time .. ..	6645	00-988-4426
6645	00-527-7209	Watch, pocket .. ..	6645	00-241-3280
6645	00-570-9254	Meter, time .. ..	6645	00-940-0758
6645	00-824-8856	Meter, time .. ..	6645	00-585-3809
6645	00-879-2232	Timer, stop .. ..	6645	00-585-1840

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 11 November 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/53/829)

## UNCLASSIFIED

### 619—Stores (General) (Group Class 6675)—Drafting, Surveying and Mapping Instruments—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA, in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
6675	00-243-3124	Dividers, drafting ..	6675	00-240-2049
6675	00-558-0766	Triangle, drafting ..	6675	00-190-5867

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 11 November 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 514/62/288)

## UNCLASSIFIED

### 620—Stores (General) (Group Class 7920)—Brooms, Brushes, Mops and Sponges—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA, in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

<i>Old Stock No</i>		<i>Item Name</i>	<i>New Stock No</i>	
<i>Group Class</i>	<i>Catalogue Number</i>		<i>Group Class</i>	<i>Catalogue Number</i>
7920	00-223-7647	Brush, wire, scraper .. ..	7920	00-291-5815
7920	00-349-7098	Brush, injector .. ..	7920	00-239-7821
7920	00-364-3234	Brush, injector .. ..	7920	00-238-1906
7920	00-634-3088	Brush, scrub .. ..	7920	00-240-7171
7920	66-L71005	Pad, scouring .. ..	7920	66-026-4926

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 11 November 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 514/56/104)

## UNCLASSIFIED

### 621—Stores (General) (Group Class 9150)—Oils and Greases, Cutting, Lubricating and Hydraulic—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA, in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

<i>Old Stock No</i>		<i>Item Name</i>	<i>New Stock No</i>	
<i>Group Class</i>	<i>Catalogue Number</i>		<i>Group Class</i>	<i>Catalogue Number</i>
9150	00-231-6668	Lubricating oil .. ..	9150	00-255-3929
9150	00-271-8429	Lubricating oil .. ..	9150	00-231-2356
9150	00-298-9701	Grease, ordnance .. ..	9150	00-235-5542

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 11 November 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 512/91/72)

RESTRICTED

*Registered  
Historian*

ANO's 621A-628/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
29 October 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*Handau.*

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY

22691/68

RESTRICTED

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## Section 1

### ADMINISTRATIVE AND GENERAL

#### UNCLASSIFIED

#### 621A—EDP Terminal Building—Garden Island

1. The EDP Terminal, Garden Island, was established on 12 August 1968 to provide EDP data preparation and transmission facilities for ships and establishments in the Sydney area.

2. The initial functions of this centre will be as follows:
- a. Advice on EDP matters to EDP users in the area;
  - b. preparation of punched paper tape from source documents on behalf of EDP users without data preparation facilities;
  - c. transmission of paper tape traffic originating in the area;
  - d. the employment of data staff not attached to established Data Transcription offices;
  - e. provision of relief operators as required, or, if this is unavailable, assume responsibility for data clearance;
  - f. operator training if required; and
  - g. co-ordination of data collection tasks for the area.

3. Pending the posting of an Area EDP Officer who will become responsible to the Flag Officer in Charge East Australia Area through the Area Secretary, the acting officer in charge will be responsible to the Base Communications Officer for the operation of the centre and for matters pertaining to the Naval personnel employed therein and to the Area Executive Officer for matters relating to the building and its contents and for matters pertaining to Civil Data Operator Staff.

(AS (EDP) 1426/3/10)

#### UNCLASSIFIED

#### 622—Montague Whalers—Sailing from Ships and Establishments

Navy Order 440 of 1967 is to be amended as follows:

##### Paragraphs 2, 3 and 4

- a. *Re-number* existing Paragraphs 2, 3 and 4 to read Paragraphs 3, 4 and 5.
- b. *Insert* new Paragraph 2 as under:

'2. Naval Officers-in-Charge are to delimit "enclosed waters" which are defined as follows:

"Waters over which reasonable surveillance is practicable and on which, having regard to prevailing weather, forecasting facilities, local knowledge and the competence of the crews, conditions are unlikely to hazard the type of boat concerned during the planned duration of the exercise."

(CONS 1236/51/36)

(Navy Order 440 of 1967)



## Section 2

## PERSONNEL

UNCLASSIFIED

## 623—Short Term Duty Travelling Allowance

1. The rates of Short Term Duty Travelling Allowance as shown in NPI 209/1, as varied by Navy Order 264 of 1968, are further varied as indicated:

- a. *Table A*—Add new rates for Burma, Ceylon and India (Bombay Calcutta and New Delhi), delete present rates for Finland and amend the existing rates for Austria, Bahrain, Canada, Mexico, Pakistan and USA.

Country	Currency of Payment	Lieut, Lieut (SD) or Relative Rank, Officers of Lower Rank and Sailors	Capt, Cmdr, Cmdr (SD) or Relative Rank, Lt Cmdr, Lt Cmdr (SD) or Relative Rank	Commodore and above
Austria .. ..	Schillings	500	600	700
Bahrain .. ..	Dinars	18.500	20.000	21.500
Burma .. ..	Kyats	95	105	115
Canada .. ..	\$Can	24	27	30
Ceylon .. ..	Rupees	115	118	121
India— Bombay, Calcutta and New Delhi .. .. (Elsewhere—see Table 'B')	Rupees	130	140	150
Mexico .. ..	Pesos	270	300	330
Pakistan .. ..	Rupees	110	120	130
United States of America	\$US	24	27	30

- b. *Table B*—Delete rates for Burma and Ceylon and add new rates for India (other than Bombay, Calcutta and New Delhi).

Country	Currency of Payment	Lieut, Lieut (SD) or Relative Rank, Officers of Lower Rank and Sailors	Capt, Cmdr, Cmdr (SD) or Relative Rank, Lt Cmdr, Lt Cmdr (SD) or Relative Rank	Commodore and above
India— Other than Bombay, Calcutta and New Delhi .. ..	Rupees	40	45	50

- c. *Table C*—Add new rates for Nauru and amend the existing Caribbean and Other Countries rate.

Country	Currency of Payment	Lieut, Lieut (SD) or Relative Rank, Officers of Lower Rank and Sailors	Capt, Cmdr, Cmdr (SD) or Relative Rank, Lt Cmdr, Lt Cmdr (SD) or Relative Rank	Commodore and above
Caribbean .. ..	\$A	3.50	4.00	4.50
Nauru .. ..	\$A	1.50	1.75	2.00
Other Countries .. ..	\$A	3.00	3.75	4.50

2. The dates of effect for these amendments are 29 May 1968 for Bahrain, Burma, Ceylon, India and Pakistan; 15 June 1968 for Nauru; 24 July 1968 for Austria; 22 July 1968 for Caribbean and Other Countries; 25 July 1968 for Canada, Mexico and United States of America and 1 August 1968 for Finland.

3. NPI 209/1 should be noted pending amendment.

(HPB 252/7/26)

(Navy Order 264 of 1968)

UNCLASSIFIED

## 624—Uniform—Naval Officers—No 12W Tropical White Long Dress

Navy Order 511 of 1967 is to be amended as follows:

## Paragraph 1

*Where and When to be Worn*—delete existing description and insert the following in lieu:

'In HMA ships and establishments at the discretion of the senior officer on non-ceremonial occasions when the wearing of 9W would not be appropriate.'

(D of V 930/51/177)

(Navy Order 511 of 1967)

## Section 4

## EQUIPMENT, STORES AND SERVICING

UNCLASSIFIED

## 625—Alteration and Addition Item—General Fleet Fitting

The following Alteration and Addition Item is approved to be carried out in the undermentioned ships:

- a. *Item*: Dockyards to remove existing park bench style stowages for 20 man ILR and survival packs and fit in lieu GRP containers for ILR and survival packs manufactured in accordance with Navy Office Drawings Nos 229/170A Sheets 1 to 6—'GRP Container for combined stowage of 20 man ILR and Survival Pack'.

b.	Ship	Stowages to be Removed	Class List Item No	Ex TDL
	SYDNEY .. ..	62	364	NYAP
	YARRA .. ..	} 15	362	NFEY
	STUART .. ..			
	DERWENT .. ..			
	MORESBY .. ..	10	43	NHAH
	HOBART .. ..	} 19	17	NSAN
	PERTH .. ..			
	QUEENBOROUGH .. ..	12	615	NQBG
	VAMPIRE .. ..	} 19	143	NDCK
	VENDETTA .. ..			
	PALUMA .. ..	2	17	NPM
	CURLEW .. ..	} 3	31	NCAJ
	SNIPE .. ..			
	HAWK .. ..			
	GULL .. ..			
	TEAL .. ..			
	IBIS .. ..			
	KIMBLA .. ..	3	152	NKP
	BASS .. ..	} 2	15	NGL
	BANKS .. ..			

c. Details of weight removed are to be reported on completion of the item in each ship.

d. Reference: Navy Order 451 of 1968.

(CNTS 400/2/544)

(Navy Order 451 of 1968)

## RESTRICTED

### 626—Guns (Other Than Aircraft)—QF 4.5 in Mark 5, 141028 Cover, Clinometer Plane

(DCI (RN) 886/1966)

1. Gun .. .. QF 4.5-in, Mark 5.
2. Item .. .. 141028 cover, clinometer plane.
3. Purpose .. .. To remove from guns in mountings.
4. Information .. ..
  - a. A ship has reported that with the shearing of the front fixing screw of the 141028 cover, clinometer plane, the cover swivelled on its rear fixing screw, into the path of the rammer head. The impetus carried the cartridge into the chamber, the breech attempted to close, but jammed on the outside of the rammer.
  - b. Because of the impossibility of ensuring that the securing screws are always tight, it has been decided to remove all 141028 covers from mounted guns. The two holes for securing screws will be fitted with brass preserving screws.

5. New Item .. .. 141464 screw, preserving holes locating cover clinometer plane.

6. Action to be Taken .. a. HMA ships:

1. 141464 screws preserving to be demanded from the nearest RAN armament depot (4 per gun mounted).
2. 141208 covers clinometer planes to be removed and returned to the nearest RAN armament depot.
3. 141464 screws preserving to be fitted.
4. The surface of the clinometer plane is to be cleaned and preserved with varnish RD 1177 (Blue).

b. RAN armament depots:

1. 141028 covers are to remain on loose guns in store, in order to protect the clinoplane.
2. Before the gun is mounted 141028 covers are to be removed and 141464 screws preserving fitted.
3. After mounting the surface of the clinoplane is to be cleaned and preserved with varnish RD 1177.
4. Disposal instructions will be given separately for surplus 141028 covers.

7. When to be Done .. a. HMA ships—When guns are run back for examination of slides, chases, etc, in accordance with maintenance schedules.

b. RANA depots—As at Paragraph 6 b. (2) above.

8. Publications .. Ship warrants are being amended accordingly. The revised Naval Proportion Book will omit all reference to 141028 covers.

(DAS 706/251/58)

## UNCLASSIFIED

### 627—Radioactive Electronic Valves—Precautions, Handling and Disposal

1. Radioactive electronic valves and their associated cartons and wrappings are at present supplied with various identification markings depending upon date of manufacture, the manufacturer, and country of origin.

2. The markings are as follows:

- a. Carton and/or valve or both items marked with a  $\frac{1}{4}$  in orange band, the valve being wrapped in lead foil and the following words 'Warning—Radioactive Contents' printed on the carton;
- b. a sticker affixed to the carton and/or valve or both items, with the wording 'Warning—Radioactive';
- c. a warning regarding radioactivity on the packaging or carton which is usually tin-foil—but the valve itself may be unmarked;
- d. a trefoil as shown in Figure 1 (which may be of various colours on a different coloured background) affixed to either, or both valve and carton; or
- e. the carton may also be marked with the quantity and type of radio nuclide.

3. All radioactive electronic valves supplied are to be kept packaged until required for use, no unnecessary handling of unwrapped valves is to take place. Cartons or packages received into store, the markings of which do not comply with either Paragraphs 2 a. or 2 d. are to be marked with a black trefoil on a yellow background (*see* Figure 1). If the valves when unwrapped prior to use are found to be unmarked they are to be marked with a trefoil as above or if space is limited with a  $\frac{1}{4}$  in orange band. Valves must always be stowed in their cartons and the quantity stowed will depend upon the quantity of radio nuclide in the valve (*see* Paragraph 10). They must not be piled in heaps without cartons as the cumulative radiation could be dangerous, and there is a risk of breakages. Valves should not be inserted into or removed from equipment with bare hands because of the dangers of breakage with contamination of resulting cuts. Gloves should be worn, or a piece of cloth, paper or plastic used to grasp the valve. If valves are broken, fragments are not to be touched with bare hands and special precautions for disposal must be taken.

#### 4. Method of Dealing with Broken Valves

Broken valves are particularly dangerous because of radioactive dusts or gases which may be present and which must not be inhaled, and because scratches on the skin caused by handling such broken valves may contain radioactive particles. Broken valves should be dealt with as follows:

- a. Items required are:
  - (1) Protection gloves (preferably rubber) to be worn by the operator;
  - (2) pair of forceps or tweezers;
  - (3) pieces of cloth about 2 ft square and a bucket of water; and
  - (4) a jar or tin or any impervious container of sufficient size and capable of being sealed.
- b. The larger fragments of the valve, together with any other small articles suspected of having become contaminated, should be transferred to the container with the forceps or tweezers, care being taken not to contaminate the outside of the container whilst this is being done. When as much as possible has been cleared in this way the forceps or tweezers should also be placed in the container.
- c. Wet one of the pieces of cloth and holding it by two adjacent corners draw it lightly over the contaminated area once. Fold the cloth in half, contaminated side inwards, and repeat. When the cloth is too small to fold further discard it into the container and repeat the process with a new cloth. On no account must heavy pressure or a scrubbing motion be employed, as this may rub some of the radioactive material into the surface being cleaned. Where the area to be cleaned does not lend itself to the method outlined above, gentle, thorough and above all repeated wiping with wet cloths, turned after each stroke, should be the method employed.
- d. When the surface is considered clean and free from even minute particles of radioactive or contaminated material, the gloves worn by the operator should be removed—the second one by rolling down over the hand, so that the other ungloved hand is not brought into contact with the contaminated outer surface of the glove and deposited in the container.
- e. The operator should now thoroughly wash hands and arms using plenty of soap and water, taking care, however, not to damage the skin. This routine must be carried out at once and until this is done the operator must avoid contaminating other objects or other parts of himself, eg, he must not smoke, eat or drink.

- f. If any slight wound is caused by valve fragments it should be allowed to bleed for a few seconds (unless it is obvious that a blood vessel has been cut) then washed out thoroughly with soap or running water. If the wound is large enough to require a dressing, a medical officer should be consulted, and the valve type noted by him on Form AM 209Z (PM 127). In the case of a severe injury involving gross contamination with radioactive valve fragments, ABR 1991 will apply.

5. All stocks of radioactive valves are to be safeguarded and placed in a separate stowage appropriately marked. Care is to be taken to ensure that the outer wrap is preserved intact during stowage as the protective foil is part of the inner surface of this wrap.

6. Replacement of an unserviceable valve is to be effected in such a way that the serviceable valve is transferred to the unit and the unserviceable valve to the used container in one operation. The foil wrap is to be preserved as intact as possible when the container is opened so as to afford maximum protection against contamination from the unserviceable valve prior to disposal. Broken radioactive valves are not to be disposed of by individual users. They are to be returned to naval stores for disposal in accordance with ABR 4 Article 1738.

7. All units of equipment containing radioactive valves are to be marked with a black trefoil on a yellow background. It is to be regarded as gross negligence to leave a radioactive valve physically unprotected except where fitted in a unit under maintenance, and such a unit is to be under constant supervision whilst the valve is exposed.

8. A respirator is always to be available in the vicinity of the storage and handling positions and is to be worn during disposal operations involving broken radioactive valves including decontamination of the area concerned and subsequent cleansing of hands and arms.

#### 9. Disposal of Unserviceable or Broken Radioactive Valves

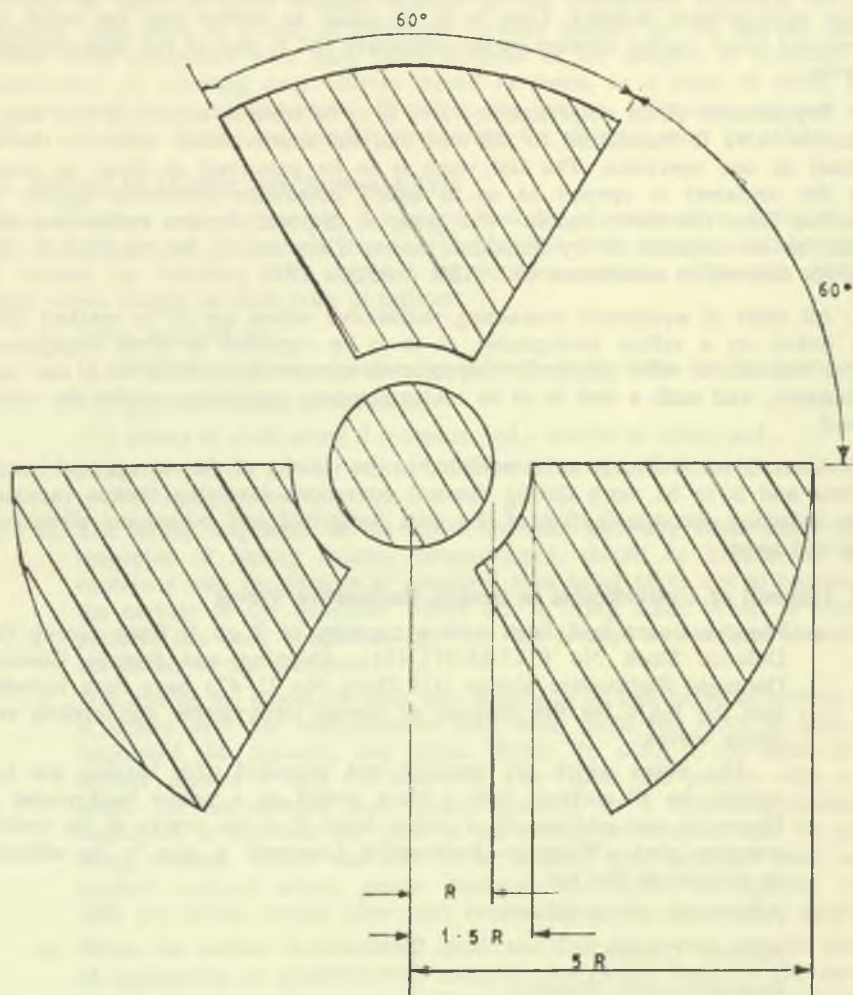
- a. Wooden boxes lead lined with a capacity of 2 cu ft Class Group 0264, Defence Stock No 8115-66-016-4311, Shipping and Storage Container, Damaged Radioactive Valves (GI Drwg No 71/47) have been introduced into the RAN for the purpose of storing unserviceable and broken radioactive valves.

The boxes which are lockable and provided with handles are to be marked on all surfaces with a black trefoil on a yellow background (*see* Figure 1) and additionally a yellow letter R at the centre of the trefoil; a warning label—'Warning—Radioactive Contents' is also to be affixed to, or painted on the box.

- b. Allowances are as follows:

Aircraft Carrier .. ..	} 2 in No
Destroyer—(all classes) .. ..	
Frigates—(all classes) .. ..	
Survey Vessel .. ..	
Escort Maintenance Vessel .. ..	
Small Craft fitted with Radio Equipment .. ..	1 in No where appropriate
HMA naval establishments .. ..	2 in No

- c. Unservicable and broken radioactive valves should be wrapped in lead foil of 0.010 inch thickness prior to being placed in a jar or tin or any kind of impervious container of sufficient size capable of being sealed. Initial quantities of 100 sq ft of lead foil should be demanded by services not already holding stocks.
- d. Demands to comply to the above allowances should be forwarded to SNSO Sydney; supply to ships under construction, re-storing after refit, etc, will be arranged by the storing yards in the normal manner.



BASIC SYMBOL

FIG. 1

*Note*—The area shaded in Figure 1 shall be coloured black and shall be placed upon a yellow background of sufficient area for it to be distinctive.

10. Radioactive valves in use in the RAN are divided into three classes:

*Class 1*—a valve which does not contain more than 0.1 microcurie of Type 1 radio nuclide or 1 microcurie of Type 2 radio nuclide.

*Class 2*—a valve which contains more radioactive material than a Class 1 valve but less than 1 microcurie of Type 1 radio nuclide or 10 microcuries of Type 2 radio nuclide.

*Class 3*—a valve which contains more radioactive material than Class 1 and 2 valves. These valves are to be placed in Box Defence Stock No 8115-66-016-4311, the box being stowed in the same area and handled in the same manner as for a radioactive source (BR 2171 Chapter 6 Sections 3 and 4 refer). The number of valves stowed is to be limited so that the total radio nuclide content does not exceed 500 microcuries per box.

## Radio Nuclides

## Type 1

Cobalt 60  
Nickel 63  
Caesium 137  
Thorium (any isotope)  
Thallium 204  
Radium 226  
Uranium (any isotope)

## Type 2

Tritium  
Carbon 14  
Chlorine 36  
Krypton 85

*Note*—Not more than 10 Class 2 valves are to be kept in one store at the one time.

11. A list of radioactive electronic valves in use in the RAN is shown in Annex A to this order.

12. Annex B details other known radioactive valves as at the date of issue of this order.

13. Navy Order 598 of 1965 is hereby cancelled.

## ANNEX A

## Radioactive Electronic Valves in use in the RAN

Pattern No	CV No	American Type	Isotope	Isotope Quantity Per Value in Microcuries
000-0188	.. CV188	.. —	U <sub>3</sub> O <sub>8</sub>	.. 1.0 approx
000-0284	.. CV284	.. —	U <sub>3</sub> O <sub>8</sub>	.. 1.0 approx
000-0539	.. CV539	.. IB23	.. Co60	.. 0.5 to 1.0
000-0713	.. CV713	.. IB27, IB28	.. Co60	.. 0.15
5960-00-193-5092	—	—	—	—
000-0725	.. CV725	.. IB24	.. Ra226	.. 2.0
000-0761	.. CV761	.. IB22	.. Co60	.. 0.25
000-1070	.. CV1070	.. —	U <sub>3</sub> O <sub>8</sub>	.. 1.0 approx
000-1110	.. CV1110	.. —	—	—

## ANNEX A—continued

Pattern No	CV No	American Type	Isotope	Isotope Quantity Per Value in Microcuries
000-1832	..	..	..	..
5960-00-300-1145	CV1832	OA2	Co60	0.0067
000-2225	CV2225	—	U <sub>3</sub> O <sub>8</sub>	1.0 approx
000-2236	CV2236	—	U <sub>3</sub> O <sub>8</sub>	1.0 approx
000-2271	CV2271	—	U <sub>3</sub> O <sub>8</sub>	1.0 approx
000-2325	CV2325	—	U <sub>3</sub> O <sub>8</sub>	1.0 approx
000-2434	CV2434	—	U <sub>3</sub> O <sub>8</sub>	1.0 approx
000-2914	CV2914	IB40	Co60	0.2
000-3595	CV3595	721A, 721B	—	—
5960-00-284-6544	—	5783WA	Co60	0.0067
5960-00-284-7166	—	—	—	—
000-3960	CV3960	—	—	—
000-4020	CV4020	OA2WA	N163 Co60	0.01 to 0.05 0.0067
000-4028	CV4028	OB2WA	N163 Co60	— 0.01 to 0.05
000-4048	CV4048	—	U <sub>3</sub> O <sub>8</sub>	1.0 approx
000-4054	CV4054	—	U <sub>3</sub> O <sub>8</sub>	1.0 approx
000-4066	CV4066	—	U <sub>3</sub> O <sub>8</sub>	1.0 approx
000-4080	CV4080	—	U <sub>3</sub> O <sub>8</sub>	1.0 approx
000-5113	..	..	..	..
5960-00-272-8545	CV5113	5787WA	—	—
000-5173	CV5173	—	U <sub>3</sub> O <sub>8</sub>	1.0 approx
000-5186	CV5186	5651WA	U <sub>3</sub> O <sub>8</sub>	1.0 approx
5960-00-272-9199	—	6213	—	—
L48762	..	Valve Voltage Regulator Type	17-14	—

## ANNEX B

## Other Known Radioactive Valves

Pattern No	CV No	American Type	Isotope	Isotope Quantity Per Value in Microcuries
000-0100	CV100	—	—	—
000-0369	CV369	IB35	—	—
000-0449	CV449	—	U <sub>3</sub> O <sub>8</sub>	1.0 approx
000-0461	CV461	—	—	—
000-0463	CV463	—	—	—
000-0508	CV508	IB49	Ra226	2.0
—	CV508	IB23	Co60	0.15
—	—	IB50 to IB53	—	—
—	—	IB55 to IB56	—	—
—	—	333A, 346B, 363A, 359B, 372A, 376B, 395A, 405A, 413A, 423A	—	—

## ANNEX B—continued

Pattern No	CV No	American Type	Isotope	Isotope Quantity Per Value in Microcuries
000-0576	CV576	IB26	Co60	0.15
000-0577	CV577	IB36, IB37, IB40 to IB42, IB44 to IB45	Co60	0.25
000-0678	CV678	702A, 702B	—	—
—	—	IB29, IB31	—	—
000-1102	CV1102	BL63	—	—
000-1793	CV1793	724B	Co60	0.13
—	—	727A	—	—
—	—	5790, 5791, 5792, 5793, 5853, IB57, IB58, IB60, IB62, IB63, IB63A	—	—
—	—	WL642, WL707, WL759	—	—
000-1833	CV1833	OB2	—	0.0067
000-2248	CV2248	—	Ra Br	4.0 approx
000-2249	CV2249	—	Ra Br	4.0 approx
000-2250	CV2250	—	Ra Br	4.0 approx
000-2251	CV2251	—	Ra Br	4.0 approx
000-2252	CV2252	—	Ra Br	4.0 approx
000-2265	CV2265	—	Ra Br	2.0 approx
000-2374	CV2374	—	Ra Br	2.0 approx
000-2375	CV2375	—	Ra Br	2.0 approx
000-2482	CV2482	—	H <sub>3</sub>	21.0 approx
000-2483	CV2483	—	H <sub>3</sub>	60.0 approx
000-2573	CV2573	5651	Co60	0.0067
000-2615	CV2615	313C, 313CA, 313CB, 313CC, 313CD, 5863, 5864, 5883, 5921, 5922 5927, T/R361	Ra226	0.01
—	—	BL1, BL2	—	—
000-2626	CV2626	346A, 346B	Ra226	1.0
000-2648	CV2648	IB32	—	—
000-2652	CV2652	709A	—	—
000-2656	CV2656	724A	—	—
000-2826	CV2826	IB63A	Co60	0.15
—	CV2826	IB63A	Co60	0.5
—	CV2826	IB63A	Co60	1.0
000-3539	CV3539	6024/ATR387	Co60	0.45
000-3548	CV3548	IB24A	Co60	0.15
—	CV3548	IB24A	Co60	0.5
—	CV3548	IB24A	Co60	1.0
000-3549	CV3549	IB38	Co60	0.9
000-3550	CV3550	IB41	Co60	0.25

**RESTRICTED**

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ANNEX B—*continued*

<i>Pattern No</i>	<i>CV No</i>	<i>American Type</i>	<i>Isotope</i>	<i>Isotope Quantity Per Value in Microcuries</i>
—	CV3550	.. IB41	.. Ra226	.. 2.0
000-3628	.. CV3628	.. IB35A	.. Co60	.. 0.4
—	CV3628	.. IB35A	.. Co60	.. 1.0
000-3705	.. CV3705	.. 5791	—	—
—	CV3705	.. 5791/X6007	.. Co60	.. 1.0
000-3725	.. CV3725	.. 446 ..	.. Co14	.. 1.0
000-3728	.. CV3728	.. —	—	—
000-3745	.. CV3745	.. IB58	—	—
—	—	GL-IB58	.. Co60	.. 0.475
000-3877	.. CV3877	.. IB56	.. Co60	.. 0.45
000-3897	.. CV3897	.. 5787	.. Co60	.. 0.0067
000-3906	.. CV3906	.. 6117	.. Co60	.. 0.45
—	CV3906	.. 6117	.. Co60	.. 0.5
—	CV3906	.. 6117	.. Co60	.. 1.0
000-3933	.. CV3933	.. 5783	.. Co60	.. 0.0067
000-4516	.. CV4516	.. —	H <sub>3</sub>	.. 1.0 approx
—	CV4516	.. —	H <sub>3</sub>	.. 0.030 approx
000-5062	.. CV5062	.. 5841	—	—
000-5083	.. CV5083	.. —	U <sub>3</sub> O <sub>8</sub>	.. 1.0 approx
000-5229	.. CV5229	.. —	H <sub>3</sub>	.. 55.0 approx
000-5312	.. CV5312	.. —	H <sub>3</sub>	.. 40.0 approx
000-5384	.. CV5384	.. —	H <sub>3</sub>	.. 3.5 approx
000-6028	.. CV6028	.. —	H <sub>3</sub>	.. 10.5 approx
—	—	707B	.. —	—

(DWE 519/54/132)

(Navy Order 598 of 1965)

**Section 5**

**BOOKS, CORRESPONDENCE, FORMS AND STATIONERY**

**UNCLASSIFIED**

**628—Preservation of Ink Duplicator Stencils**

1. Where it is desirable to preserve ink duplicator stencils for subsequent re-use the following method of filing such stencils has been found to meet requirements:

- a. At the completion of the duplicating operation, fold a standard 22½ in × 17½ in blotting paper in half, making a 11½ in × 17½ in folder.
- b. Run the folder through the machine thus recording details of the stencil on the outside of the folder.
- c. Insert the used stencil in the folder and file.

2. Navy Order 793 of 1965 is hereby cancelled.

(O & M 148/51/509)

(Navy Order 793 of 1965)

By Authority: A. J. ARTHUR, Commonwealth Government Printer, Canberra

**RESTRICTED**



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
29 October 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers in  
Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY

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## Section 2

### PERSONNEL

UNCLASSIFIED

#### 629—Uniform and Clothing Issuing Prices—Annual Revision

1. The issuing prices of uniform and clothing have been revised with effect from 1 October 1968. Copies of the pamphlet 'Official Memorandum—Prices of Clothing, etc, Maintained for Issue to Ships Companies', together with copies of the poster, showing the revised prices have been distributed to all HMA ships and establishments. Further copies may be obtained, if required, on application to the Director of Victualling, Department of the Navy, Melbourne.

2. Copies of the poster are to be displayed in positions which will permit scrutiny by ships companies.

3. Details of arrangements made for the supply of made-to-measure garments are being promulgated in Navy Orders being issued concurrently with this order. Copies of the contracts have been distributed to HMA ships and establishments in the areas concerned.

4. Orders concerning sailors are being reprinted for posting on notice boards.

5. Navy Order 419 of 1967 is hereby cancelled.

(D of V 930/52/36)

(Navy Order 419 of 1967)

UNCLASSIFIED

#### 630—Alteration of Braiding of Uniforms of WRANS Officers at Melbourne—1968-69

1. The following prices will be charged for the alteration of braiding of WRANS Officers uniforms by the Commonwealth Government Clothing Factory, Miles Street, South Melbourne, Victoria 3205, during the period 1 September 1968 to 30 June 1969:

Rank	Coat, Womans	Shoulder Straps
	\$	\$
<b>On Promotion To—</b>		
Third Officer .. .. .	2.35	2.80
Second Officer .. .. .	3.30	2.80
First Officer .. .. .	3.25	2.80
Chief Officer .. .. .	3.30	2.80
Superintendent .. .. .	3.30	2.80
<b>On Reversion To—</b>		
Third Officer from A/Second Officer .. .. .	2.75	2.80
Second Officer from A/First Officer .. .. .	2.85	2.80
First Officer from A/Chief Officer .. .. .	2.75	2.80

Prices—Nett, FOB/FOR Melbourne.

2. Navy Order 420 of 1967 is hereby cancelled.

(D of V 930/52/36)

(Navy Order 420 of 1967)



UNCLASSIFIED

**631—Alteration of Lacing of Uniforms, Etc, of RAN and RANR Officers at Melbourne and Sydney—1968-69**

1. The prices applicable to alterations effected to RAN and RANR Officers' uniforms, etc, by official contractors, namely, Commonwealth Government Clothing Factory, Miles Street, South Melbourne, Victoria 3205, during the period 1 September, 1968, to 30 June 1969, Segrave Pty Ltd, 213 George Street, Sydney, NSW 2000, during the period 1 July 1968 to 30 June 1969, and Evers and Cohen Pty Ltd, during the period 1 July 1968 to 30 June 1969, are detailed in Annexes A and B of this order.

2. Navy Order 421 of 1967 is hereby cancelled.

**ANNEX A  
Alteration of Lacing of Uniforms, Etc**

	Rank	CGCF		Evers and Cohen Pty Ltd		Segrave Pty Ltd	
		Coat, Undress and Jacket, Mess	Shoulder Straps	Coat, Undress and Jacket, Mess	Shoulder Straps	Coat, Undress and Jacket, Mess	Shoulder Straps
<b>On promotion to—</b>		\$	\$	\$	\$	\$	\$
Sub-Lieutenant .. .. .	.. .. .	5.25	3.10	—	—	—	—
Lieutenant .. .. .	.. .. .	5.05	5.25	5.45	3.33	4.36	4.07
Lieutenant-Commander .. .. .	.. .. .	6.35	3.50	6.34	3.50	5.01	4.61
Commander .. .. .	.. .. .	6.70	3.55	7.34	3.63	5.58	4.61
Captain .. .. .	.. .. .	9.45	3.55	7.84	3.63	6.93	4.61
Commodore .. .. .	.. .. .	13.70	7.25	—	—	—	—
Rear-Admiral (from Captain) .. .. .	.. .. .	11.90	20.45	—	—	—	—
Rear-Admiral (from Commodore) .. .. .	.. .. .	15.65	20.45	—	—	—	—
Vice-Admiral (from Rear-Admiral) .. .. .	.. .. .	7.25	5.60	—	—	—	—
<b>With Distinction Cloth between Lace</b>		As above	As above	As above	As above	Additional \$0.30 per uniform	As above
Removal of gorget patch from shoulder straps of Midshipmen and relacing to rank of A/Sub-Lieutenant .. .. .	.. .. .	3.10	—	—	—	—	—
Replacement of Collar of Coat, Undress, of Midshipmen: Cloth, Wool, Serge No 2 .. .. .	.. .. .	2.45	—	—	—	—	—
Cloth, Wool, Venetian No 1 .. .. .	.. .. .	2.60	—	—	—	—	—
Replacement of peak of cap on promotion to—							
Commander .. .. .	.. .. .	8.40	—	—	—	—	—
Rear-Admiral .. .. .	.. .. .	12.45	—	—	—	—	—

Rank	CGCF		Evers and Cohen Pty Ltd		Segrave Pty Ltd	
	Coat, Undress and Jacket, Mess	Shoulder Straps	Coat, Undress and Jacket, Mess	Shoulder Straps	Coat, Undress and Jacket, Mess	Shoulder Straps
<b>On promotion to—continued</b>	\$	\$	\$	\$	\$	\$
Replacement and sewing on of buttons on promotion to Rear-Admiral—						
Coat, Undress .. .. .	2.80	—	—	—	—	—
Jacket, Mess, blue .. .. .	2.25	—	—	—	—	—
Vest, Mess, blue .. .. .	1.25	—	—	—	—	—
Removal of letter 'R' from Lacing of Reserve Officers Uniform on transfer to the RAN .. .. .	0.50	—	—	—	—	—
<b>On Reversion to—</b>						
Sub-Lieutenant (from A/Lieutenant) .. .. .	—	—	3.10	2.15	2.48	2.48
Lieutenant (from A/Lieutenant-Commander) .. .. .	3.85	2.75	4.42	2.68	3.73	3.10
Lieutenant-Commander (from A/Commander) .. .. .	6.35	3.25	5.71	3.23	4.89	3.93
Commander (from A/Captain) .. .. .	7.15	2.75	3.79	2.68	2.48	3.10
Captain (from Commodore) .. .. .	15.45	7.05	—	—	—	—
<b>With Distinction Cloth between Lace—</b>						
Sub-Lieutenant (from A/Lieutenant) .. .. .	As above		3.30	2.15	2.78	2.78
Lieutenant (from Lieutenant-Commander) .. .. .			4.62	2.88	4.03	3.40
Lieutenant-Commander (from A/Commander) .. .. .			5.91	3.23	5.19	4.23
Commander (from A/Captain) .. .. .			3.99	2.88	2.78	3.40
Captain (from Commodore) .. .. .			—	—	—	—

Replacement of peak of cap on reversion to—						
Lieutenant-Commander (from A/Commander) .. .. .	1.30	—	—	—	—	—
Commodore or Captain (from A/Rear-Admiral) .. .. .	7.65	—	—	—	—	—
Replacement and sewing on of buttons on reversion to Commodore or Captain—						
Coat, Undress .. .. .	3.00	—	—	—	—	—
Jacket, Mess, blue .. .. .	2.25	—	—	—	—	—
Vest, Mess, blue .. .. .	1.60	—	—	—	—	—

ANNEX B  
Relacing of Uniforms, Etc, (ie Where Removal of Old Lace is Involved)

Rank	CGCF		Evers and Cohen Pty Ltd		Segrave Pty Ltd	
	Coat, Undress Jacket, Mess	Shoulder Straps	Coat, Undress Jacket, Mess	Shoulder Straps	Coat, Undress Jacket, Mess	Shoulder Straps
Sub-Lieutenant ..	\$ —	\$ —	\$ 8.84	\$ 6.53	\$ 8.02	\$ 5.55
Lieutenant ..	10.30	5.30	10.97	6.82	10.73	6.44
Lieutenant-Commander ..	12.50	6.30	13.08	8.62	12.97	7.27
Commander ..	12.90	6.40	13.62	8.38	13.49	7.35
Captain ..	15.45	7.20	15.62	9.12	15.65	8.27
Commodore ..	13.45	6.55	—	—	—	—
Rear-Admiral ..	15.20	—	—	—	—	—
Vice-Admiral ..	18.05	—	—	—	—	—
<b>With Distinction Cloth between Lace—</b>						
Sub-Lieutenant ..			9.21	6.79	8.32	5.85
Lieutenant ..			11.27	7.12	11.03	6.74
Lieutenant-Commander ..			13.38	8.88	13.27	7.57
Commander ..			13.92	8.68	13.79	7.65
Captain ..			15.92	9.42	15.95	8.57
Commodore ..			—	—	—	—
Rear Admiral ..			—	—	—	—
Vice-Admiral ..			—	—	—	—
Additional cost for letter 'R' or 'A' to be inserted in the curl of the lace ..	1.00	—	0.50	—	0.50	—

Note: a. The prices of all alterations effected by the Commonwealth Government Clothing Factory include the cost of distinction cloth between the lace where required.

b. Segrave Pty Ltd, the Primary Contractor in Sydney is to be used for official orders.

c. Evers and Cohen Pty Ltd, the Secondary Contractor, is to be used as an alternative for private orders.

Prices: Commonwealth Government Clothing Factory—Nett FOB/FOR Melbourne. Segrave Pty Ltd—Nett.

(Navy Order 421 of 1967)

(D of V 930/52/36)

UNCLASSIFIED

**632—Made-to-Measure Uniforms for Sailors at Melbourne, Sydney, Brisbane and Perth—1968-69**

1. The official contractors for made-to-measure uniforms for RAN sailors for 1968-69 are:

<b>Melbourne</b> ..	Commonwealth Government Clothing Factory, Miles Street, South Melbourne, Victoria 3205.
<b>Sydney</b> ..	Evers and Cohen, 16-22 Wentworth Avenue, Sydney, New South Wales 2000
<b>Perth</b> ..	Carter and Foley Pty Ltd, 370 Murray Street, Perth, Western Australia 6000
<b>Brisbane</b> ..	M. Leiboff and Son, 95 Brunswick Street, Fortitude Valley, Brisbane, Queensland 4006

2. The price which will operate in Sydney, Brisbane and Perth during the period 1 July 1968 to 30 June 1969, and in Melbourne during the period 1 September 1968 to 30 June 1969, are as follows:

Sailors, Class I, II and III

Item	CGCF Melbourne	Evers and Cohen, Sydney	Carter and Foley Pty Ltd Perth	*M. Leiboff and Son, Brisbane
	\$	\$	\$	\$
BLAZER, MANS, cloth, wool, flannel, worsted, blue, single breasted, pockets unbadged, Junior Recruits (topmen) ..	—	—	21.50	—
COAT, MANS, cloth, wool, serge No 2, double breasted with gilt buttons, CPO	31.60	28.15	27.50	37.10
COAT, MANS, cloth, wool, serge No 2, double breasted with gilt buttons, PO ..	31.20	27.41	27.00	36.70
COAT, MANS, cloth, wool, serge No 2, double breasted with gilt buttons, w/o cuff buttons, NAA ..	—	27.49	—	—
COAT, MANS, cloth, wool, serge No 2, double breasted with gilt buttons, CPO, SCC ..	—	26.95	—	—
COAT, MANS, cloth, wool, serge No 2, double breasted with gilt buttons, PO, SCC ..	—	26.73	—	—

Item	CGCF Melbourne	Evers and Cohen, Sydney	Carter and Foley Pty Ltd Perth	*M. Leiboff and Son, Brisbane
	\$	\$	\$	\$
COAT, MANS, drill, white, with blue facings, w/o buttons .. ..	6.00	—	—	—
COAT, MANS, drill, white, with gilt buttons, CPO .. ..	6.95	—	—	15.45
COAT, MANS, drill, white, with gilt buttons, PO .. ..	6.10	—	14.50	15.36
COAT, MANS, drill, white, w/o buttons, Class I and III NAA .. ..	5.55	8.63	—	14.76
COAT, MANS, drill, white, with buttons, Class I and III NAA .. ..	—	9.26	—	—
JACKET, MANS, cloth, cotton twill, working dress .. ..	8.90	—	—	—
JACKET, MANS, cloth, wool, serge No 1, working dress .. ..	12.30	20.75	—	—
JACKET, MANS, cloth, wool, serge No 2, working dress .. ..	12.85	—	—	—
JUMPER, MANS, cloth, wool, serge No 1 .. ..	8.55	14.97	—	—
JUMPER, MANS, drill, white .. ..	3.80	9.91	—	—
OVERCOAT, MANS, with gilt buttons .. ..	—	—	—	—
OVERCOAT, MANS, with horn buttons .. ..	—	—	—	—
RAINCOAT, MANS, sailor .. ..	28.85	—	—	—
TROUSERS, MENS, action working .. ..	5.85	—	—	—
TROUSERS, MENS, cloth, wool, melange, grey, Junior Recruits (topmen) .. ..	—	—	12.50	—
TROUSERS, MENS, cloth, wool, serge No 1, Class II .. ..	10.15	11.06	—	—
TROUSERS, MENS, cloth, wool, serge No 1 gymnastic .. ..	8.80	—	—	—
TROUSERS, MENS, cloth, wool, serge No 1, working dress .. ..	11.80	15.24	—	—
TROUSERS, MENS, cloth, wool, serge No 2, Class I and III .. ..	11.25	11.53	12.50	13.68
TROUSERS, MENS, cloth, wool, serge No 2, working dress .. ..	12.40	—	—	—
TROUSERS, MENS, drill, white, Class I and III .. ..	4.60	6.44	7.00	8.90
TROUSERS, MENS, drill, white, NAA .. ..	—	6.44	—	—
TROUSERS, MENS, drill, white, Class II .. ..	4.80	6.88	—	—

Item	CGCF Melbourne	Evers and Cohen, Sydney	Carter and Foley Pty Ltd Perth	*M. Leiboff and Son, Brisbane
	\$	\$	\$	\$
<b>Extra Charges—</b>				
Sewing on of badge, Chevrons, etc .. ..	—	1.20 per garment	1.00 pair	—
Taping on bottoms of Class II trousers .. ..	—	—	0.30 pair	—
Sewing on Shoulder Flash, Australia .. ..	—	—	0.50 pair	0.84 per coat
Affixing letters 'R' and 'SC' .. ..	—	—	—	1.00 per coat

\* For supply of Private Orders only.

3. Terms of the contracts are as follows:

CGCF .. ..	..	..	..	..	Nett, FOB/FOR, Melbourne.
Evers and Cohen Pty Ltd .. ..	..	..	..	..	2½ per cent—30 days. \$2.50 deposit.
Carter and Foley Pty Ltd .. ..	..	..	..	..	Nett. \$0.50 deposit.
M. Leiboff and Son .. ..	..	..	..	..	Nett.

4. The conditions governing purchases of uniforms under these contracts are contained in ABR 93, Chapter 26.

5. Sailors are warned that they themselves are responsible for ensuring that uniforms obtained under these contracts or from private fitters are made strictly to the approved patterns and that they are liable to disciplinary action if incorrect uniform is worn.

6. This order will be reprinted for posting on notice-boards.

7. Navy Orders 422 of 1967, 33 and 300 of 1968 are hereby cancelled.

(D of V 930/52/36)

(Navy Orders 422 of 1967, 33 and 300 of 1968)

UNCLASSIFIED

**633—Made-to-Measure Uniforms for RANNS and WRANS Officers and Wrans at Melbourne and Sydney—1968-69**

1. The Official Contractors for made-to-measure uniforms for RANNS and WRANS officers and wrans at Melbourne and Sydney for 1968-69 are listed in the following Annexes:

**Melbourne:**

Annex A—(WRANS Officers and Commonwealth Government Clothing Factory, wrans) Miles Street, South Melbourne, Victoria 3205

(Prices operative during the period 1 September 1968 to 30 June 1969)

**Sydney:**

Annex B—(RANNS and WRANS Officers and wrans) Bishop and White Pty Ltd, 1 Lee Street, Sydney, New South Wales 2000

(Prices operative during the period 1 July 1968 to 30 June 1969)

**Melbourne:**

Annex C—(RANNS and WRANS officers and wrans) I. L. Wise, 360 Little Bourke Street, Melbourne, Victoria 3000

(Prices operative during the period 1 July 1968 to 30 June 1969)

## 2. The terms of the contracts are as follows:

Commonwealth Government Clothing Factory	Nett FOB/FOR Melbourne.
Bishop and White Pty Ltd	.. .. 2½ per cent within 30 days.
I. L. Wise	.. .. 2½ per cent within 30 days.

3. The conditions governing the purchases of uniforms under these contracts are contained in ABR 93, Chapter 26.

4. Members are warned that they themselves are responsible for ensuring that uniforms obtained under these contracts, or from private fitters, are made strictly to the approved pattern and that they are liable to disciplinary action if incorrect uniform is worn.

5. This order will be reprinted for posting on notice boards.

6. Navy Orders 423 and 425 of 1967 and 53 of 1968 are hereby cancelled.

**ANNEX A****Commonwealth Government Clothing Factory—Made-to-Measure Uniforms for RANNS and WRANS Officers 1968–69**

Item	Price
	\$
COAT, WOMANS, cloth, wool, barathea No 1 .. ..	33.90
COAT, WOMANS, cloth, wool, venetian No 1, doeskin .. ..	36.90
GREATCOATS, WOMANS, Officer, with shoulder straps .. ..	*
SHOULDER STRAPS, WRANS (plain) .. ..	2.45
SKIRT, WOMANS, cloth, wool, barathea No 1 .. ..	9.75
SKIRT, WOMANS, cloth, wool, venetian No 1, doeskin .. ..	11.70

\* To be advised.

**Braiding—Per Coat and per pair shoulder straps for:**

Superintendent	.. .. .	3.85
Chief Officer	.. .. .	3.35
First Officer	.. .. .	3.25
Second Officer	.. .. .	2.85
Third Officer	.. .. .	2.35

**ANNEX A—continued****Commonwealth Government Clothing Factory—Made-to-Measure Uniforms for wrans—1968–69**

Item	Price
	\$
COAT, WOMANS, cloth, wool, twill No 1, with horn buttons .. ..	27.05
DRESS, WOMANS, white .. ..	8.35
RAINCOAT, WOMANS .. ..	25.40
SKIRT, WOMANS, cloth, wool, serge No 1 .. ..	8.55
SKIRT, WOMANS, cloth, wool, twill No 1 .. ..	8.55
SLACKS, WOMENS, cloth, wool, serge No 1 .. ..	9.65
SLACKS, WOMENS, drill, blue .. ..	6.45

**ANNEX B****Bishop and White Pty Ltd Sydney—Made-to-Measure Uniform for RANNS and WRANS Officers and Wrans—1968–69**

Item	Price
	\$
<b>RANNS Officers—</b>	
CAPE, WOMENS, cloth, wool, venetian No 1 .. ..	19.00
CLOAK, WOMANS, cloth, wool, garbardine .. ..	33.35
COAT, WOMANS, cloth, wool, venetian No 1 .. ..	37.40
COAT, WOMANS, cloth, wool, barathea .. ..	33.80
SKIRT, WOMANS, cloth, wool, venetian No 1 .. ..	16.30
SKIRT, WOMANS, cloth, wool, barathea .. ..	14.50
<b>WRANS Officers—</b>	
COAT, WOMANS, cloth, wool, venetian No 1 (including shoulder flashes)—	
First Officer .. ..	38.05
Second Officer .. ..	38.05
Third Officer .. ..	38.05
COAT, WOMANS, cloth, wool, barathea (including shoulder flashes)—	
First Officer .. ..	34.45
Second Officer .. ..	34.45
Third Officer .. ..	34.45
SKIRT, WOMANS, cloth, wool, venetian No 1 .. ..	16.30
SKIRT, WOMANS, cloth, wool, barathea .. ..	14.50
<b>Wrans—</b>	
COAT, WOMANS, cloth, wool, twill No 1 .. ..	31.80
SKIRT, WOMANS, cloth, wool, twill No 1 .. ..	13.50

**Notes:**

- The amount of 80 cents is to be deducted from the cost of WRANS Officers and wrans coats if shoulder flashes are not required.
- Additional amounts are chargeable for the following extra which may be required on uniforms being manufactured:

**Extra:**

Sewing on badges and chevrons, etc .. ..	\$2.00 per garment.
Sewing on shoulder flashes 'Australia' .. ..	\$0.80 per garment.

## ANNEX C

## I. L. Wise, Melbourne—Made-to-Measure Uniforms for RANNS and WRANS Officers and Wrans—1968-69

Item	Price
	\$
<b>RANNS Officers—</b>	
COAT, WOMANS, cloth, wool, venetian No 1 .. .. .	31.25
COAT, WOMANS, cloth, wool, baratheia No 1 .. .. .	28.40
SKIRT, WOMANS, cloth, wool, venetian No 1 .. .. .	15.25
SKIRT, WOMANS, cloth, wool, baratheia No 1 .. .. .	11.25
Attachment of becketts to RANNS Officers coats .. .. .	0.55
<b>WRANS Officers—</b>	
COAT, WOMANS, cloth, wool, venetian No 1 .. .. .	31.25
COAT, WOMANS, cloth, wool, baratheia No 1 .. .. .	28.40
SKIRT, WOMANS, cloth, wool, venetian No 1 .. .. .	15.25
SKIRT, WOMANS, cloth, wool, baratheia No 1 .. .. .	11.55
Braiding of sleeves of WRANS Officers coats—	
Chief Officer .. .. .	5.10
First Officer .. .. .	5.04
Second Officer .. .. .	4.04
Third Officer .. .. .	3.00
<b>Wrans—</b>	
COAT, WOMANS, cloth, wool, twill No 1, with gilt buttons, CPO .. .. .	27.65
COAT, WOMANS, cloth, wool, twill No 1, with gilt buttons, PO .. .. .	26.93
COAT, WOMANS, cloth, wool, twill No 1, with horn buttons .. .. .	26.57
SKIRT, WOMANS, cloth, wool, twill No 1 .. .. .	10.55
Attachment of shoulder flashes 'Australia' .. .. .	0.65
	per coat

(D of V 930/52/36)

(Navy Orders 423 and 425 of 1967 and 53 of 1968)

UNCLASSIFIED

## 634—Naval Dockyard Police—Made-to-Measure Uniforms at Melbourne, Sydney and Perth—1968-69

1. Made-to-measure uniforms for Naval Dockyard Police may be obtained from the Commonwealth Government Clothing Factory, Miles Street, South Melbourne, Victoria 3205, during the period 1 September 1968 to 30 June 1969; Evers and Cohen Pty Ltd, 16-22 Wentworth Avenue, Sydney, New South Wales 2000, and Carter and Foley Pty Ltd, 370 Murray Street, Perth, Western Australia 6000 during the period 1 July 1968 and 30 June 1969.

2. The prices which will operate during the above periods are as follows:

Item	CGCF Melbourne	Evers and Cohen Sydney	Carter and Foley Pty Ltd Perth
	\$	\$	\$
COAT, MANS, cloth, wool, serge No 2, Chief Inspector, with buttons .. .. .	42.65	48.10	—
COAT, MANS, cloth, wool, serge No 2, Inspector, with buttons .. .. .	40.45	45.00	—
COAT, MANS, cloth, wool, serge No 2, Sub-Inspector, with buttons .. .. .	—	40.75	—
COAT, MANS, cloth, wool, serge No 2, Police, with buttons .. .. .	30.75	25.70	27.00
SHIRT, MANS, cotton/polyester, khaki .. .. .	—	6.30	—
SHOULDER STRAPS, Chief Inspector, Police .. .. .	7.35	—	—
SHOULDER STRAPS, Inspector, Police .. .. .	6.35	—	—
SHOULDER STRAPS, Sub-Inspector, Police .. .. .	5.80	—	—
TROUSERS, MENS, cloth, wool, serge No 2, Officer, Police .. .. .	As required	13.08	—
TROUSERS, MENS, cloth, wool, serge No 2, Police .. .. .	As required	11.53	12.50
TROUSERS, MENS, cloth, wool/polyester, Police .. .. .	7.40	9.15	—

3. Terms of the contracts are as follows:

CGCF .. .. .	Nett FOB/FOR Melbourne.
Evers and Cohen Pty Ltd .. .. .	2½ per cent—30 days. \$2.50 deposit.
Carter and Foley Pty Ltd .. .. .	Nett \$0.50 deposit.

4. The conditions governing purchases of uniforms under these contracts are contained in ABR 93, Chapter 26.

5. This order will be reprinted for posting on notice boards.

6. Navy Orders 424 of 1967 and 301 of 1968 are hereby cancelled.

(D of V 930/52/36)

(Navy Orders 424 of 1967 and 301 of 1968)

UNCLASSIFIED

**635—RAN, RANR and ASCC, Officers and Chaplains Made-to-Measure Uniforms at Melbourne, Sydney, Perth and Brisbane—1968-69**

1. The official contractors for made-to-measure uniforms for RAN and RANR officers and chaplains for 1968-69 are listed in the following Annexes.

**Sydney:**

Annex A—RAN, RANR and ASCC Officers .. .. Evers and Cohen Pty Ltd, 16-22 Wentworth Avenue Sydney, New South Wales 2000

Annex B—RAN, RANR and ASCC Officers .. .. Evercraft Clothing Pty Ltd, 230 Elizabeth Street, Sydney, New South Wales 2000

Annex C—Chaplains .. .. Evers and Cohen Pty Ltd, 16-22 Wentworth Avenue, Sydney, New South Wales 2000

**Perth:**

Annex D—RAN, RANR and ASCC Officers .. .. Carter and Foley Pty Ltd, 370 Murray Street, Perth, Western Australia 6000

**Melbourne:**

Annex E—RAN, RANR and ASCC Officers .. .. I. L. Wise, 360 Little Bourke Street, Melbourne, Victoria 3000

**Brisbane:**

Annex F—RAN, RANR and ASCC Officers .. .. M. Leiboff and Son, 95 Brunswick Street, Fortitude Valley, Brisbane, Queensland 4006

Annex G—RAN, RANR and ASCC Officers .. .. Commonwealth Government Clothing Factory, Miles Street, South Melbourne, Victoria 3205

Annex H—Chaplains .. .. Commonwealth Government Clothing Factory, Miles Street, South Melbourne, Victoria 3205

## 2. Terms for the contracts are as follows—

Commonwealth Government Clothing Factory	.. ..	Nett, FOB/FOR Melbourne.
Evercraft Clothing Pty Ltd	.. ..	Nett.
Evers and Cohen Pty Ltd	.. ..	2½ per cent—30 days.
Carter and Foley Pty Ltd	.. ..	Nett \$0.50 deposit.
I. L. Wise	.. ..	2½ per cent—30 days, deposit 25 per cent of order.
M. Leiboff and Son	.. ..	Nett deposit 33½ per cent of purchase price.

3. The conditions governing the purchase of uniforms under these contracts are contained in ABR 93, Chapter 26.

4. Navy Orders 426 of 1967, 35 and 302 of 1968 are hereby cancelled.

**ANNEX A**  
**EVERS AND COHEN PTY LTD—SYDNEY**  
**Made-to-Measure Uniforms for Officers**  
**1968-69**

Rank	Cloth, Wool, Serge No 2		Cloth, Wool, Venetian No 1, Doeskin			Shoulder Straps (per Pair)
	Coat, Undress	Jacket, Mess	Coat, Undress	Coat, Undress, Tail	Jacket, Mess	
<b>RAN</b>	\$	\$	\$	\$	\$	\$
Officer (Unlaced) ..	36.43	—	37.50	—	—	—
Sub-Lieutenant ..	40.54	40.48	47.33	—	43.48	5.45
Lieutenant ..	44.75	43.03	50.88	—	46.95	6.00
Lieutenant-Commander ..	45.50	47.24	54.12	—	48.01	7.06
Commander ..	48.25	47.56	54.36	—	52.15	7.12
Captain ..	52.70	49.38	57.58	93.41	53.44	9.03
Rear-Admiral ..	54.71	53.43	60.09	93.74	58.25	19.03
<b>RANR</b>						
Sub-Lieutenant ..	40.94	40.98	47.73	—	43.95	6.37
Lieutenant ..	45.15	43.43	51.28	—	47.35	6.92
Lieutenant-Commander ..	45.90	47.64	54.52	—	48.41	7.97
Commander ..	48.75	47.96	54.76	—	52.55	8.03
<b>ASCC</b>						
Sub-Lieutenant ..	41.58	40.37	48.06	—	42.93	6.06
Lieutenant ..	45.80	44.14	51.91	—	44.83	6.90

**Notes—**

- Addition of distinction cloth between lace when required—\$0.50 per coat.
- Addition of decoration and medal ribbons (to be supplied by officer)—\$1.20 per coat.
- Addition of attachment for aiguillette (to be supplied by officer)—\$1.20 per coat.
- Primary Contractor for official orders.

All Ranks	Cloth, Cotton, Drill, White	Cloth, Cotton, Marcella	Cloth, Wool and Cotton Gabardine	Cloth, Wool, Serge No 2	Cloth, Wool, Venetian No 1
CLOAK, BOAT .. ..	\$	\$	\$	\$	\$
COAT, MANS, BUSH, drill, white (for Captain and above) ..	13.75	—	—	33.22	40.64
COAT, MANS, DRILL, white, officer, with gilt buttons ..	9.28	—	—	—	—
COAT, MANS, DRILL, white, officer, without buttons ..	8.32	—	—	—	—

## ANNEX A—continued

All Ranks	Cloth, Cotton, Drill, White	Cloth, Cotton, Marcella	Cloth, Wool and Cotton Gabar- dine	Cloth, Wool, Serge No 2	Cloth, Wool, Venetian No 1
	\$	\$	\$	\$	\$
JACKET, MANS, MESS, drill, white, officer, with gilt buttons ..	8.69	—	—	—	—
JACKET, MANS, MESS, drill, white, officer, without buttons ..	7.75	—	—	—	—
RAINCOAT, MANS, officer ..	—	—	29.94	—	—
TROUSERS, MENS, officer ..	6.59	—	—	12.46	17.27
TROUSERS, MENS, officer (with gold lace) ..	—	—	—	—	50.82
VEST, MANS, MESS, officer ..	—	5.74	—	9.53	12.01

## Khaki Clothing

Officers Taking up Appointment in North America or Asian or South-East Asian Area

	\$
COAT, MANS, cloth, wool, garbardine, khaki .. ..	34.37 each
COAT, MANS, drill, khaki .. ..	13.55 each
TROUSERS, MENS, cloth, wool, garbardine, khaki .. ..	15.29 per pair
TROUSERS, MENS, drill, khaki .. ..	7.12 per pair

## Working Dress

JACKET, MANS, cloth, wool, serge No 1, working dress .. ..	18.83 each
JACKET, MANS, cloth, wool, serge No 2, working dress .. ..	19.55 each
TROUSERS, MENS, cloth, wool, serge No 1, working dress .. ..	13.48 per pair

Note: Permanent creasing, by Si-Ro-Set method, of trousers, can be effected, if desired, at an additional cost of—\$0.45 per pair.

## Note:

COAT, MANS, cloth, wool/polyester, khaki ..	\$29.25	} Material to be supplied by officers
TROUSERS, MENS, cloth, wool/polyester, khaki ..	\$6.04	

## ANNEX B

## EVERCRAFT CLOTHING PTY LTD—SYDNEY

Made-to-Measure Uniforms for Officers  
1968-69

Rank	Cloth, Wool, Serge No 2			Cloth, Wool, Venetian No 1			Shoulder Strap (per pair)
	Coat, Undress	Coat, Undress, Tail	Jacket, Mess	Coat, Undress	Coat, Undress, Tail	Jacket, Mess	
<b>RAN</b>	\$	\$	\$	\$	\$	\$	\$
Officer (unlaced) ..	42.40	—	—	43.40	—	—	—
Sub-Lieutenant ..	48.50	—	47.95	53.40	—	49.05	8.27
Lieutenant ..	51.60	—	51.20	56.68	—	55.85	9.32
Lieutenant-Commander ..	56.40	—	55.80	60.24	—	57.25	10.22
Commander ..	57.17	—	56.20	62.36	—	59.65	10.28
Captain ..	61.35	97.90	58.35	65.58	115.25	62.55	11.96
Rear-Admiral ..	68.30	103.20	62.50	75.30	115.75	67.25	22.34
<b>RANR</b>							
Sub-Lieutenant ..	50.00	—	47.25	53.80	—	49.60	10.10
Lieutenant ..	50.10	—	49.95	55.00	—	56.51	10.23
Lieutenant-Commander ..	52.24	—	56.05	55.12	—	57.20	11.04
Commander ..	56.80	—	56.25	60.44	—	61.65	11.38
<b>ASCC</b>							
Sub-Lieutenant ..	48.15	—	46.15	56.25	—	48.95	9.50
Lieutenant ..	51.75	—	50.00	59.90	—	50.15	10.04

## Notes:

- Addition of distinction cloth between lace when required—\$0.75 per coat.
- Addition of decoration and medal ribbons (to be supplied by officer)—\$1.60 per coat.
- Addition of attachment for aiguillette (to be supplied by officer)—\$1.60 per coat.
- Secondary Contractor—to be used as an alternative for private orders.

All Ranks	Cloth, Cotton, Drill, White	Cloth, Cotton, Marcella	Cloth, Wool and Cotton Gabar- dine	Cloth, Wool, Serge No 2	Cloth, Wool, Venetian No 1
CLOAK, BOAT .. ..	\$	\$	\$	\$	\$
COAT, MANS, BUSH, drill, white (for Captain and above) ..	18.60	—	—	—	—
COAT, MANS, drill, white, officer, with gilt buttons .. ..	11.36	—	—	—	—
COAT, MANS, drill, white, officer, without buttons .. ..	10.25	—	—	—	—
JACKET, MANS, MESS, drill, white, officer, with gilt buttons ..	10.75	—	—	—	—



ANNEX B—continued

<i>All Ranks</i>	<i>Cloth, Cotton, Drill, White</i>	<i>Cloth, Cotton, Marcella</i>	<i>Cloth, Wool and Cotton Gabardine</i>	<i>Cloth, Wool, Serge No 2</i>	<i>Cloth, Wool, Venetian No 1</i>
	\$	\$	\$	\$	\$
JACKET, MANS, MESS, drill, white, officer, without buttons ..	9.95	—	—	—	—
RAINCOAT, MANS, officer ..	—	—	35.90	—	—
TROUSERS, MENS, officer ..	8.96	—	—	15.46	21.37
TROUSERS, MENS, officer (with gold lace) .. ..	—	—	—	52.20	56.38
VEST, MANS, MESS, officer ..	—	7.75	—	13.26	16.10

**Khaki Clothing**

*Officers Taking up Appointment in North America or Asian or South-East Asian Area*

	\$
COAT, MANS, cloth, wool, gabardine, khaki .. ..	42.30
COAT, MANS, drill, khaki .. ..	15.35
TROUSERS, MENS, cloth, wool, gabardine, khaki .. ..	19.00
TROUSERS, MENS, drill, khaki .. ..	9.06

*Working Dress*

JACKET, MANS, cloth, wool, serge No 1, working dress .. ..	19.26
JACKET, MANS, cloth, wool, serge No 2, working dress .. ..	20.55
TROUSERS, MENS, cloth, wool, serge No 1, working dress .. ..	14.86
TROUSERS, MENS, cloth, wool, serge No 2, working dress .. ..	16.25

*Note:* Permanent creasing of trousers with Si-Ro-Set process can be effected, if desired, at an additional cost of—\$0.75 per pair.

*Note:*

COATS, MANS, cloth, wool/polyester, khaki .. \$35.20 } Material to be  
 TROUSERS, MENS, cloth, wool/polyester, khaki .. \$8.40 } supplied by Officers.

ANNEX C

EVERS AND COHEN PTY LTD—SYDNEY

Made-to-Measure Uniforms for Naval Chaplains

1968-69

<i>Item</i>	<i>Price</i>
	\$
COAT, MANS, UNDRRESS, black serge cloth (without gold lace) ..	36.43
TROUSERS, MENS, black serge cloth .. ..	12.46

ANNEX D

CARTER AND FOLEY PTY LTD—PERTH

Made-to-Measure Uniforms for Officers

1968-69

<i>All Ranks</i>	<i>Cloth, Cotton, Drill, White</i>	<i>Cloth, Wool, Serge No 2</i>	<i>Cloth, Wool, Venetian No 1</i>
	\$	\$	\$
COAT, MANS, drill, white, officer, with gilt buttons ..	14.00	—	—
COAT, MANS, drill, white, officer, without buttons ..	12.50	—	—
COAT, MANS, UNDRRESS, officer (unlaced) ..	—	37.50	46.00
TROUSERS, MENS, officer .. ..	7.00	12.50	16.00

*Notes:* Additional costs for:

a. Affixing gold lace to Coat, Undress:

<i>Rank</i>	—	<i>Machine Sewn</i>	<i>Hand Sewn</i>
		\$	\$
Sub-Lieutenant .. ..	per coat	4.50	5.00
Lieutenant .. ..	per coat	7.00	7.50
Lieutenant-Commander .. ..	per coat	8.75	9.50
Commander .. ..	per coat	9.50	10.50
Captain .. ..	per coat	12.00	13.00

b. Alteration of lacing consequent upon promotion or reversion:

<i>Rank</i>	—	<i>Machine Sewn</i>	<i>Hand Sewn</i>
		\$	\$
Sub-Lieutenant .. ..	per coat	—	7.50
Lieutenant .. ..	per coat	—	10.00
Lieutenant-Commander .. ..	per coat	—	12.60
Commander .. ..	per coat	—	13.00
Captain .. ..	per coat	—	15.50

c. Affixing letter 'R' or 'A' .. .. \$1.00 per uniform.

d. Affixing distinction cloth between lace when required \$2.50 per strip.

e. Affixing shoulder flashes 'Australia' on coats and jackets .. .. \$0.50 per coat.

## ANNEX E

I. L. WISE—MELBOURNE

Made-to-Measure Uniforms for Officers  
1968-69

All Ranks	Cloth Wool Venetian No 1	Cloth Wool Serge No 2
	\$	\$
UNIFORM UNDRESS (unlaced) .. .. .	57.55	46.90
UNIFORM MANS MESS officer (comprises Jacket Vest and Coat) .. .. .	67.70	—

Note: Additional Costs for:

## a. Affixing gold lace to Undress Coats and Mess Jackets:

	RAN	ASCC
	\$	\$
Captain .. .. .	11.75	—
Commander .. .. .	9.60	—
Lieutenant-Commander .. .. .	9.02	9.12
Lieutenant .. .. .	7.45	7.55
Sub-Lieutenant .. .. .	5.30	5.40
Midshipman (Turnbacks) (Gorget Patches) .. .. .	1.75	—

b. Affixing Letters 'R' or 'A' .. .. . 45 cents per uniform.

c. Affixing shoulder flashes 'Australia' (Gold) .. .. . 65 cents per uniform.

d. Sewing on of medal ribbons .. .. . 30 cents per ribbon.

## e. Sewing on of distinctive cloth:

Captain .. .. .	25 cents per uniform.
Commander .. .. .	20 cents per uniform.
Lieutenant-Commander .. .. .	20 cents per uniform.
Lieutenant .. .. .	20 cents per uniform.
Sub-Lieutenant .. .. .	20 cents per uniform.

## ANNEX F

M. LEIBOFF &amp; SON—BRISBANE

Made-to-Measure Uniforms for Officers  
1968-69

All Ranks	Cloth, Cotton, Drill, White	Cloth, Wool, Serge No 2	Cloth, Wool, Venetian No 1
	\$	\$	\$
COAT, MANS, cloth, wool, Officer (unlaced) ..	—	37.10	—
COAT, MANS, drill, white, with gilt buttons (excluding shoulder straps) .. .. .	15.65	—	—
COAT, MANS, drill, white, without gilt buttons (ex- cluding shoulder straps) .. .. .	14.76	—	—
TROUSERS, MENS, cloth, wool .. .. .	—	14.22	17.60
TROUSERS, drill, white .. .. .	8.90	—	—

Notes:

a. Official orders may be lodged for blue Undress Uniforms only.

b. Additional costs for:

## (1) Affixing gold lace to coat, undress:

Rank	—	\$
Sub-Lieutenant .. .. .	per coat	5.00
Lieutenant .. .. .	per coat	7.90
Lieutenant-Commander .. .. .	per coat	10.23
Commander .. .. .	per coat	11.80
Captain .. .. .	per coat	13.70

## (2) Alteration of lacing consequent upon promotion or reversion:

Rank	—	\$
Sub-Lieutenant .. .. .	per coat	7.00
Lieutenant .. .. .	per coat	9.90
Lieutenant-Commander .. .. .	per coat	12.23
Commander .. .. .	per coat	13.80
Captain .. .. .	per coat	15.70

(3) Affixing letter 'R' .. .. . \$1.00 per coat.

(4) Affixing shoulder flashes 'Australia' .. .. . \$0.84 per coat.

## ANNEX G

## COMMONWEALTH GOVERNMENT CLOTHING FACTORY, MELBOURNE

Made-to-Measure Uniforms for Officers  
1968-69

Rank	Cloth, Wool, Serge No 2	Cloth, Wool, Venetian No 1, Doeskin			Shoulder Straps (per pair)
	Coat, Mans, Undress, Officer	Coat, Mans, Undress, Officer	Coat, Mans, Undress, Tail, Officer	Jacket, Mans, Mess, Officer	
	\$	\$	\$	\$	\$
Midshipman (with white turn backs)	35.50	40.20	48.35	37.95	3.90
Sub-Lieutenant .. ..	39.35	44.05	53.60	41.80	5.80
Lieutenant .. .. .	41.90	46.60	56.15	44.35	6.35
Lieutenant-Commander ..	44.10	48.80	58.35	46.55	7.35
Commander .. .. .	44.50	49.20	58.75	46.95	7.45
Captain .. .. .	47.05	51.75	61.30	49.50	8.25
Commodore .. .. .	45.05	49.75	59.30	47.50	7.60
Rear-Admiral .. .. .	46.80	51.50	61.05	49.25	21.25
Vice-Admiral .. .. .	49.65	54.35	63.90	52.10	21.50

## Uniforms for Officers—RANR, RANR(S) and RANVR

The above schedule of prices is applicable, with the addition of—\$1.00 per garment or per set of shoulder straps for the addition of letter 'R'.

## Uniforms for Officers—ASCC

The above schedule of prices less:

- a. \$0.20 for uniform coats,  
b. \$0.50 per pair shoulders straps
- } is applicable—ASCC Officers do not wear shoulder flashes 'Australia'.

Note: The above prices include the cost of distinction cloth between lace where required.

Prices: Nett, FOR/FOB Melbourne.

## ANNEX G—continued

All Ranks	Cloth, Cotton, Drill, White	Cloth, Cotton, Marcella	Cloth, Wool and Cotton Gabar- dine	Cloth, Wool, Serge No 2	Cloth, Wool, Venetian No 1 Doeskin
	\$	\$	\$	\$	\$
CLOAK, BOAT .. .. .	—	—	—	—	36.00
COAT, MANS, BUSH, drill, white (for Captain and above) ..	13.15	—	—	—	—
COAT, MANS, drill, white, officer, with gilt buttons .. .. .	8.00	—	—	—	—
COAT, MANS, drill, white, officer, without buttons .. .. .	6.70	—	—	—	—
JACKET, MANS, MESS, drill, white, officer, with gilt buttons ..	9.00	—	—	—	—
JACKET, MANS, MESS, drill, white, officer, without buttons ..	7.20	—	—	—	—
RAINCOAT, MANS, officer ..	—	—	27.60	—	—
TROUSERS, MENS, officer, plain	5.10	—	—	11.70*	15.65*
TROUSERS, MENS, officer, mess dress .. .. .	—	—	—	—	15.65*
VEST, MANS, MESS, officer ..	—	4.40	—	10.00	11.20

\$

LACE, GOLD,  $\frac{9}{16}$  in (complete with curl, ready for placing on cuffs) .. 3.25 per pair

LACE, GOLD,  $\frac{1}{2}$  in (complete with curl, ready for placing on shoulder straps) .. .. . 2.10 per pair

## Khaki Clothing

Officers Taking up Appointment in North America or South-East Asian Area

\$

COAT, MANS, cloth, wool/polyester, khaki, with buttons .. ..	33.95 each
COAT, MANS, drill, khaki .. .. .	15.75 each
TROUSERS, MENS, cloth, khaki, wool/polyester .. .. .	8.85* pair
TROUSERS, MENS, drill, khaki .. .. .	6.85* pair

Note: Permanent creasing, by Si-Ro-Set method, of trousers marked \* can be effected, if desired, at an additional cost of—\$0.20 per pair.

Prices: Net, FOB/FOB Melbourne.

## ANNEX H

## COMMONWEALTH GOVERNMENT CLOTHING FACTORY, MELBOURNE

## Made-to-Measure Uniform for Naval Chaplains

<i>Item</i>	<i>Price</i>
	\$
COAT, MANS, UNDRRESS, black serge cloth (without gold lace) ..	33.65
COAT, MANS, UNDRRESS, Serge No 2 .. .. .	34.10
COAT, MANS, UNDRRESS, Venetian No 1 .. .. .	38.80
TROUSERS, MENS, black serge cloth .. .. .	11.45
TROUSERS, MENS, Serge No 2 .. .. .	11.70
TROUSERS, MENS, Venetian No 1 .. .. .	15.65

(D of V 930/52/36)

*(Navy Orders 426 of 1967, 35 and 302 of 1968)*

## UNCLASSIFIED

**636—Made-to-Measure Uniforms—Availability of Commonwealth Government Clothing Factory Representatives in Sydney and Brisbane for Try-on of Completed Uniforms**

1. Details of contracts arranged with the Commonwealth Government Clothing Factory for supply of made-to-measure uniforms to RAN personnel during 1968-69 have been promulgated in Navy Orders.

2. Arrangements have now been made to enable members in the Sydney and Brisbane areas to try on completed uniforms at premises of representatives of the Commonwealth Government Clothing Factory located as follows:

- Sydney .. .. . 9th Floor, Dymock's Building, George Street, Sydney, New South Wales 2000
- Brisbane .. .. . Room 4, First Floor, ANZ Bank Building, Cnr George and Herschel Streets, Brisbane, Queensland 4000

3. This arrangement should ensure that the customer is completely satisfied before taking delivery of garments. If uniforms are acceptable, facilities are available for purchasers to make payment through the Factory representative and take immediate delivery of their orders. In the event that customers are not satisfied, the garments will be returned to the clothing factory for necessary alterations free of charge.

4. When placing orders with the Commonwealth Government Clothing Factory, members are to indicate clearly whether final delivery is to be made to either of the representatives referred to in Paragraph 2 above.

5. This order will be reprinted for posting on notice boards.

6. Navy Orders 427 of 1967 and 354 of 1968 are hereby cancelled.

(D of V 930/52/36)

*(Navy Orders 427 of 1967 and 354 of 1968)*

RESTRICTED

ANO's 637-650/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
6 November 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY

23214/68

RESTRICTED

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644	Ammunition—Propellant—Landing—Destruction—Reports.
645	HMA Ships and Craft—Stability.
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## Section 1

### ADMINISTRATIVE AND GENERAL

UNCLASSIFIED

637—Will Not Be Issued

RESTRICTED

### 638—Holdings of Support Craft in the RAN

1. The allocation of support craft, excluding sailing and pulling craft, to the various authorities is shown in the Annex to this Order. An annual muster of all craft held as at 30 November is to be carried out. Individual reports on all craft held are to be rendered irrespective of whether changes have been made within the last 12 months. Reports are to include the terminal date of the economic life of the craft based on the most recent report of survey. Reports are to be rendered to Navy Office, copy to Administrative Authority, by 31 December.

2. Naval Board approval is to be obtained before any transfer of craft between authorities takes place. On completion of transfer the recipient is to inform the Naval Board accordingly. In both cases the type of craft, registered number(s) and hull number(s) are to be stated, with names where appropriate.

3. Reporting of re-allocation of support craft within commands is not required, except that Administrative Authorities are to report craft issued to ships under construction or on re-commissioning.

4. Authorities will be advised by letter of action to be taken with craft to be held in reserve.

5. The notation 'disposal' indicates that craft are currently available for disposal. The Naval Board are to be informed as early as possible when survey reports indicate that other craft are nearing the end of their economic lives.

6. Navy Order 452 of 1967 is hereby cancelled.

## ANNEX

638

<i>Class Designator in accordance with Navy Order 522 of 1968 or Type of Craft</i>	<i>Hull No of Individual Craft</i>	<i>Reg No of Individual Craft</i>	<i>Authority to whom Allocated</i>	<i>Remarks/Name</i>
YW Water Barge, self-propelled	Y283	NWL 251	NOIC WA	On charter Re-allocated to NOIC/PNG after refit Dec. 68
	Y285	NWL 254	FOICEA	
	Y287	MWL 256	NOIC VIC	
	Y288	MWL 257	FOICEA	
YFR Refrigerated Covered Lighter, self-propelled	Y282	MRL 253	NOIC QLD	Reserve training, refrigeration machinery in store
YF Covered Lighter, self-propelled	Y275	MSL 703	FOICEA	BORONIA
	Y278	MSL 707	FOICEA	
YAG Miscellaneous Auxiliary	Y256	SAR 6301	FOICEA	AIR SPRITE
	Y257	SAR 02-106	FOICEA	AIR NYMPH (engines to be removed)
	Y258	SAR 02-101	FOICEA	U/M reserve
	Y259	SAR 02-102	CERBERUS	AIR SPRAY, Restricted to fair weather operations
	Y260	SAR 02-103	CERBERUS	AIR GUIDE, Restricted to fair weather operations
		SAR 916	FOICEA	TARGET
		SAR 919	FOICEA	TARGET
	Y261	GPV 957	NOIC QLD	Reserve training
	Y262	GPV 958	NOIC WA	
Y264	GPV 961	FOICEA	DISPOSAL	
Y270	GPV 968	NOIC VIC		
YDT Diving Craft	Y199	DB 2	FOICEA	DISPOSAL
	Y291	GPV 015-75	FOICEA	TURTLE

23214/68-2

YTM Medium Harbour Tug	Y292	GPV 015-73	FOICEA	TORTOISE
	Y265	GPV 962	FOICEA	WALRUS
	Y298	TD 01	FOICEA	SEAL Ex WINTRINGHAM
	Y299	TD 02	FOICEA	OTTER Ex POPHAM
Tow Boat	Y290	DT 932	FOICEA	BRONZEWING
		ST 336	FOICEA	WATTLE
Aircraft Lighter	ACL 303	ACL 303	FOICEA	DISPOSAL
Aircraft Water Lighter	AWL 304	AWL 304	FOICEA	CRESWELL
Harbour Sullage Lighter		HSL 541	FOICEA	DISPOSAL
		HSL 542	FOICEA	
		HSL 543	FOICEA	
		HSL 544	FOICEA	
		HSL 546	FOICEA	
		HSL 584	FOICEA	
Dumb Mooring Lighter		HSL 771	FOICEA	DISPOSAL
		DPL 3	FOICEA	DISPOSAL
Flat Top Lighter		FTL 260	FOICEA	
		FTL 262	FOICEA	
		FTL 601	FOICEA	
		FTL 603	FOICEA	
		FTL 604	FOICEA	
		FTL 607	FOICEA	
		FTL 610	FOICEA	
		FTL 615	FOICEA	
FTL 616	FOICEA			

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<i>Class Designator in accordance with Navy Order 522 of 1968 or Type of Craft</i>	<i>Hull No of Individual Craft</i>	<i>Reg No of Individual Craft</i>	<i>Authority to whom Allocated</i>	<i>Remarks/Name</i>
Flat Top Lighter— <i>continued</i>		FTL 764	FOICEA	CRESWELL Sound Range Mooring Lighter
		FTL 765	FOICEA	
		FTL 1388	FOICEA	
BOOM Net Punt		1234	NOIC QLD	
Concrete Lighter 30 Tons		CL 3001	FOICEA	
		CL 3002	FOICEA	
		CL 3003	FOICEA	
Wooden Flat Top Lighter 34 Tons		L 907	CODOCK	
Wooden Flat Top Lighter 46 Tons		L 455	CODOCK	
Steel Flat Top Lighter		L 1454	CODOCK	
Oil Fuel Lighter		OFL 1201	FOICEA	Dieso
		OFL 1202	FOICEA	FFO X Dieso
		OFL 1203	GMWD	FFO X Dieso
		OFL 1204	FOICEA	FFO X Dieso
		OFL 1205	NOIC PNG	FFO X Dieso
		OFL 1207	FOICEA	FFO X Dieso
		OFL 1208	FOICEA	FFO X Dieso
		OFL No 2 (S)	FOICEA	Separation equipment
		OFL No 4	FOICEA	Dieso
Aviation Fuel Lighter		AFL 501	FOICEA	Avcat
Steel Ammunition Lighter (30 Tons)		SAL 3	FOICEA	

Concrete Ammunition Lighter (50 Tons)		CAL 501	FOICEA	
		CAL 502	NOIC PNG	
		CAL 503	FOICEA	
		CAL 504	FOICEA	
		CAL 506	NOIC PNG	
		CAL 508	FOICEA	
Concrete Ammunition Lighter (100 Tons)		CAL 101	FOICEA	
		CAL 102	FOICEA	
Concrete Ammunition Lighter (200 Tons)		CAL 201	FOICEA	
		CAL 202	FOICEA	
		CAL 203	FOICEA	
		CAL 204	FOICEA	
		CAL 205	FOICEA	
		CAL 206	FOICEA	
		CAL 208	FOICEA	
		CAL 209	FOICEA	
Steel Phillipine Lighter (100 Tons)		AB 1302	FOICEA	
		SPL 102	GMWD	DISPOSAL
Steel Phillipine Lighter (300 Tons)		AB 2262	FOICEA	
		AB 2263	FOICEA	
		AB 1283	FOICEA	
Lock Up Lighter		LUL 501	FOICEA	
		LUL 507	FOICEA	
Steel Lighter		SL 1	FOICEA	
		SL 2	FOICEA	
Well Lighter		WL 277	FOICEA	SVSO
Derrick Lighter, self-propelled		SPDL 1	FOICEA	



<i>Class Designator in accordance with Navy Order 522 of 1968 or Type of Craft</i>	<i>Hull No of Individual Craft</i>	<i>Reg No of Individual Craft</i>	<i>Authority to whom Allocated</i>	<i>Remarks/Name</i>
Deperming Lighter		DGL 1	FOICEA	
Target Wilranel		TIS 030	FOICEA	
Williams High Speed Gunnery Target		TGW 020 TGW 021	STALWART STALWART	
Diving Barge, Concrete		DB 3	FOICEA	DISPOSAL
YP Patrol Boat	Y295 Y296 Y297	SDB 1321 SDB 1324 SDB 1325	FOICEA NOIC VIC NOIC WA	RUSHCUTTER LEEWIN
Torpedo Recovery Vessel	TRV 2	TRV 2	FOICEA	
Motor Dory 26 ft		DR 13 DR 14 DR 653	FOICEA FOICEA FOICEA	Beyond economical repair
Australian Work Boats 40 ft	403 404 407 409 411 412 413 416 417 418	AWB 403 AWB 404 AWB 407 AWB 409 AWB 411 AWB 412 AWB 413 AWB 416 AWB 417 AWB 418	NOIC SA FOICEA FOICEA NOIC PNG NOIC WA FOICEA NOIC WA FOICEA FOICEA FOICEA	TORRENS TOPAZ ACHILLES HARBOB  ONYX Diving
	419	AWB 419	FOICEA	
	420	AWB 420	FOICEA	AMETHYST
	421	AWB 421	FOICEA	Diving
	422	AWB 422	FOICEA	
	423	AWB 423	NOIC TAS	
	424	AWB 424	FOICEA	
	426	AWB 426	NOIC VIC	Diving
	427	AWB 427	FOICEA	
	428	AWB 428	GMWD	
	430	AWB 430	FOICEA	
	431	AWB 431	NOIC QLD	
	432	AWB 432	NOIC QLD	
	433	AWB 433	FOICEA	Towing
	434	AWB 434	CERBERUS	Diving
	435	AWB 435	CERBERUS	
	436	AWB 436	FOICEA	
	437	AWB 437	NOIC VIC	NOIC Victoria Barge
	438	AWB 438	NOIC WA	
	440	AWB 440	FOICEA	
	441	AWB 441	FOICEA	
	442	AWB 442	FOICEA	
	443	AWB 443	FOICEA	SNSO
	444	AWB 444	FOICEA	
	445	AWB 445	GMWD	
	1658	AM 1658	FOICEA	
	1873	AM 1873	FOICEA	
	2008	AWB 2008	FOICEA	Diving (Jervis Bay)
	2009	AWB 2009	FOICEA	Diving
Work Boat 22 ft	011-117	WB 011-117	FOICEA	FROG Disposal
Work Boat 26 ft GRP Hull	2601	WB 2601	FOICEA	
Australian Work Boat 40 ft	4001 4002	AWB 4001 AWB 4002	FOICEA FOICEA	

<i>Class Designator in accordance with Navy Order 522 of 1968 or Type of Craft</i>	<i>Hull No of Individual Craft</i>	<i>Reg No of Individual Craft</i>	<i>Authority to whom Allocated</i>	<i>Remarks/Name</i>
Australian Work Boat 40ft— <i>continued</i>	4003	AWB 4003	FOICEA	
	4004	AWB 4004	FOICEA	
	4005	AWB 4005	CODOCK	
	4006	AWB 4006	NOIC WA	
	4007	AWB 4007	FOICEA	
	4008	AWB 4008	NOIC PNG	
	4009	AWB 4009	NOIC PNG	Towing
	4010	AWB 4010	FOICEA	Towing
	4011	AWB 4011	FOICEA	Halvorsen Design
	Fleet Utility Boat 40 ft		UB 4012	STALWART
Personnel Boat (Bertram) 38 ft	38101	38101	FOICEA	Interim SAR
	38102	38102	FOICEA	Interim SAR
Fleet Personnel Boat 40 ft		PB 4013	STALWART	
		PB 4014	STALWART	
Motor Survey Boat 34 ft		1393	FOICEA	Disposal
		328	FOICEA	SANDFLY (Training)
		381	FOICEA	Disposal
		3401	MORESBY	FANTOME
		3402	PALUMA	HERALD
		3403	PALUMA	BEAGLE
		3404	MORESBY	DART
Motor Cutter 32 ft		271	GMWD	Disposal
		5338	MELBOURNE	
		5376	MELBOURNE	

		5377	FOICEA	SNSO
		441458	SYDNEY	
		441459	SYDNEY	
		44893	FOICEA	CRESWELL
Motor Whale Boat Mark IX 26 ft		C5787	PERTH	USN Type GRP
		C13300	HOBART	
Personnel Boat 26 ft		C5736	PERTH	USN Type GRP
		C5737	HOBART	
Motor Whaler 27 ft		2701	PARRAMATTA	
		2702	YARRA	
		2703	NOIC WA	
		2704	CERBERUS	
		2705	STUART	
		2706	FOICEA	SNSO
		2707	GMWD	
		2708	FOICEA	
		2709	DERWENT	
		2710	VENDETTA	
		2711	MORESBY	
		2712	FOICEA	
		2713	DUCHESS	
		2714	CERBERUS	
	2715	FOICEA		
	2716	ANZAC		
	2717	FOICEA		
Motor Cutter 25 ft		602	GMWD	
		603	LEEUWIN	
		604	QUEEN-BOROUGH	
		605	SUPPLY	

Class Designator in accordance with Navy Order 522 of 1968 or Type of Craft	Hull No of Individual Craft	Reg No of Individual Craft	Authority to whom Allocated	Remarks/Name
Motor Cutter 25 ft—continued		809	CRESWELL	
		810	FOICEA	
		811	ANZAC	
		812	CERBERUS	
		813	FOICEA	PENGUIN
		814	NOIC WA	
		819	FOICEA	
		820	GMWD	
		821	CRESWELL	
		822	NOIC WA	Surveying
		830	FOICEA	SNSO
		831	DIAMANTINA	Surveying
		833	VAMPIRE	
		834	FOICEA	Surveying
		837	FOICEA	Surveying
		1146	SUPPLY	
		1147	GMWD	
		1148	GMWD	
		1149	GMWD	
		1150	PENGUIN	
		1203	VAMPIRE	
		1204	VENDETTA	
		1385	QUEEN-BOROUGH	
		1387	YARRA	
		1394	STALWART	
		1395	FOICEA	CRESWELL
		54125	FOICEA	
		5411	DUCHESS	

Motor Dinghy 16 ft		255	FOICEA	Ditty Box
		5213	SNIPE	
		5341	CURLEW	
		5612	TEAL	
		54105	GULL	
		54174	HAWK	
		54175	IBIS	
14 ft Utility Boat (GRP)		D14001	FOICEA	Diving Safety
		D14002	FOICEA	Diving Safety
		D14003	FOICEA	Diving Safety
		14004	FOICEA	
		14005	NOIC PNG	
		14006	ATTACK	
		14007	AITAPE	
		14008	FOICEA	Store
		14009	FOICEA	Store
		14010	FOICEA	Store
		14011	FOICEA	Store
		14012	FOICEA	Store
		14013	FOICEA	Store
		14014	FOICEA	Store
		14015	FOICEA	Store
		14016	FOICEA	Store
		14017	FOICEA	Store
		14018	FOICEA	Store
		14019	FOICEA	Store
		14020	FOICEA	Unmodified Store
Utility Boat 26 ft		F 2602	STALWART	
		F 2603	STALWART	
Motor Dinghy 17 ft 6 in		114	FOICEA	Beyond economical Repair
		115	FOICEA	Disposal
		129	ARMY	VERNON STURDEE

<i>Class Designator in accordance with Navy Order 522 of 1968 or Type of Craft</i>	<i>Hull No of Individual Craft</i>	<i>Reg No of Individual Craft</i>	<i>Authority to whom Allocated</i>	<i>Remarks/Name</i>
Motor Dinghy 17 ft 6 in— <i>continued</i>		130	KIMBLA	
		200	BANKS	
		201	ARMY	HARRY CHAUVEL
		202	ARMY	BRUDENELL WHITE
		307	MORESBY	
		668	FOICEA	JULIE
		679	ARMY	CLIVE STEEL
		794	FOICEA	
	799	FOICEA		
BOOM Working Boat 17 ft 6 in		257	FOICEA	
Fast Motor Boat 35 ft		250	FOICEA	Disposal Barge
		3501	FOICEA	
Fast Motor Boat 30 ft		8001	MELBOURNE	Disposal SNSO
		45802	SYDNEY	
		45810	FOICEA	
		45811	FOICEA	
Miscellaneous Motor Boat		168	FOICEA	HERAKLES CRESWELL ULYSSES LOCH LONG BINCLEAVES DRUMMER CORELLA CODOCK II
		171	FOICEA	
		172	FOICEA	
		203	FOICEA	
		585	FOICEA	
		586	FOICEA	
		L1007	CODOCK	
		L1157	CODOCK	
		L1459	CODOCK	

		L1461	CODOCK	BANSKIA
		L1518	CODOCK	HARMAN
28 ft Aluminium Motor Life Boat		1	SUPPLY	Sheathed
		2	SUPPLY	Sheathed
28 ft Aluminium Life Boat (Flemming Gear)		3	SUPPLY	Sheathed
		4	SUPPLY	Sheathed
		5	SUPPLY	Sheathed
Fast Motor Boat 25 ft		FMB 206	FOICEA	Beyond economical repair
		FMB 588	FOICEA	Beyond economical repair
		FMB 1201	FOICEA	Beyond economical repair
Personnel Boat 25 ft (Bertram)		PB 25101	FOICEA	
Personnel Boat 30 ft		PB 30101	FOICEA	
		PB 30102	FOICEA	
Steel Landing Barge Personnel		LB 4701	NOIC WA	SEA HORSE
Sea Boat 26 ft		S 2601	STALWART	
Oxygen Barge		L 1238	CODOCK	

(CNTS 1236/251/135)

(Navy Orders 452 of 1967 and 522 of 1968)

## UNCLASSIFIED

**639—RAN Radio Stations—New Titles**

1. It has been decided that from 1 January 1969, Canberra and Darwin Naval Radio Stations will be given the titles Naval Communication Station, Canberra, and Naval Communication Station, Darwin, respectively, with short title (signal address) NAVCOMMSTA CANBERRA and NAVCOMMSTA DARWIN.

2. From 1 January 1969, the term Naval Radio Station (NAVRADSTA) is not to be used in this context.

3. Amendments to callsign publications are being issued separately.

(D of C 1401/1/44)

## UNCLASSIFIED

**640—Visits by Foreign Warships—Liaison by Royal Australian Navy**

1. The RAN is responsible for providing liaison with Commanding Officers of visiting foreign warships in matters involving State and Federal laws and regulations of many kinds.

2. In order that essential items of responsibility are not overlooked when ships of foreign navies are visiting Australian ports, Flag Officers and Naval Officers-in-Charge are to ensure that Commanding Officers of visiting ships are aware of regulations as shown in this Navy Order and that they be requested to draw the attention of their ships companies to the Australian laws concerning:

- a. Customs
- b. Immigration
- c. Health
- d. Landing and use of motor vehicles; and
- e. State law matters required by State Premiers Departments.

3. The following information is to be supplied to the Commanding Officers of visiting foreign warships and is to be included in Port Orders:

**Advice For Commanding Officers of Visiting Warships****a. Customs**

- (1) Naval vessels are exempted from the provisions of the Customs Act relating to entry and clearance at all Australian ports and are also exempted from payment of duty on ships stores consumed while in Australian waters.
- (2) However, Commanding Officers are advised that no goods may be landed either by the ship or by the ships personnel unless prior approval has been obtained from the Collector of Customs for the port where it is desired that goods be landed. Customs duty, where applicable, must be paid in respect of any goods landed.
- (3) Should there be any non-military personnel on board a visiting ship, it will be necessary for these personnel to complete a Declaration on Customs Form 5 (Customable Articles in the possession of Master, Officers and Crew) as to their personal possessions on board the ship.
- (4) A Customs Officer will call upon visiting ships shortly after arrival at each Australian port and will be pleased to advise and assist the ships company with any Customs requirements.

**b. Immigration**

- (1) Commanding Officers of the regular armed forces of a Government recognised by Australia are not required to provide, for immigration purposes upon arrival in Australia, lists of their crew members or to report absences of crew members without leave or desertions.
- (2) However, in respect of any non-service crew members who may be on board such a vessel, the co-operation of the Commanding Officers is requested in notifying the Department of Immigration or the Department of Customs and Excise (and the Flag Officer/Naval Officer-in-Charge of the State or Territory) should such a crew member become absent without leave during the vessels stay in Australia or not be aboard on the vessels departure.
- (3) Crew members of vessels of the regular armed forces of a Government recognised by Australia may enter Australia legally, whilst on leave from their vessel during its stay in an Australian port, without the necessity of obtaining an entry permit. However, where such a crew member remains in Australia after his vessel has left the port at which he entered or last entered, he becomes a prohibited immigrant whose deportation may be ordered.

**c. Health**

Matters involving quarantine fall into the three divisions of General, Animal and Plant Quarantine.

**General Quarantine**

The Commanding Officer is required to notify either the Director of Health in the State or Territory concerned or the Quarantine Officer at outports direct, or through the Flag Officer/Naval Officer-in-Charge or local Naval agent, not more than 24 hours and not less than 12 hours before the vessel arrives at its *first port of entry* into Australia, including particulars as follows:

- (1) the name of the ship;
- (2) date on which and the time at which the vessel is expected to arrive;
- (3) the number of members of crew (and passengers if any);
- (4) home port of departure and date of departure from that port; and
- (5) details of any infectious diseases on the ship.

Naval vessels are subject to inspection at their port of entry from overseas according to their classification as follows:

**(1) Naval Vessels Not Carrying Surgeons**

These vessels display the 'Q' flag and wait inspection by a Quarantine Officer outside the quarantine line. The Quarantine Officer shall board the vessel and obtain from the Officer Commanding a signed report in duplicate of Form Q 17 detailing the ports of call during the last 21 days and the state of health on board. A full inspection of all persons on board the vessel or vessels is carried out and should this inspection reveal that there is no quarantineable disease, the Quarantine Officer will grant full pratique and issue the Certificate of Pratique with one copy of Form Q 17 to the Commanding Officer.

- (2) *Naval Vessels Carrying Surgeons (other than vessels, of the Royal Australian Navy, Royal Navy, and Royal New Zealand Navy)*

The procedure in these cases is the same as a, except that inquiries are made of the Surgeon (or Senior Fleet Surgeon) as to the state of health on board. Provided conditions are satisfactory, an inspection is not made and full pratique is granted.

- (3) *Vessels of the Royal Navy and Royal New Zealand Navy Carrying Surgeons—Radio Pratique*

Radio pratique may be granted to those vessels provided a satisfactory radio message is received not less than 18 hours prior to the estimated arrival of the vessel. This message should state that all on board are currently vaccinated against smallpox, that no cases of quarantineable disease or suspected cases exist or have occurred during the voyage, that no cases of chickenpox exist or have occurred during the voyage. Vessels granted radio pratique will proceed direct to the berth without flying the 'Q' flag. Form Q 17 duly signed and completed is to be forwarded to the Commonwealth Director of Health or to the Quarantine Officer at outports and the Certificate of Pratique will be issued. The concession of radio pratique is not ordinarily granted to Naval vessels of other nations.

*Notes:* Quarantineable Disease means smallpox, plague, cholera, yellow fever, typhus fever, leprosy or any disease as may be declared in Australia by proclamation.

*Plant Quarantine*

All plants, living or dead, or parts of plants such as fruit, seeds, cuttings, bulbs, etc, also timber and all articles made of wood imported into Australia are subject to quarantine and are required to be submitted to the Quarantine Officer for inspection. Timber goods may be ordered for treatment if found infested. Bamboo articles are automatically treated by fumigation. Soil is a prohibited importation and any vehicle or equipment found contaminated with soil must be thoroughly cleaned by steam before it can be released from quarantine.

*Animal Quarantine*

Permission will not be granted for the importation into Australia on a Naval vessel of:

- (1) living animals, pets or other animals or birds. If a vessel carries an animal into a port the animal will not be allowed off the vessel during its stay in port. It should be noted that sheep, goats, cattle and all other ruminants are prohibited from entering in Australian ports;
- (2) fish, reptiles or living insects;
- (3) parts of animals such as skins, horns, hooves, wool, hair and feathers, etc; unless such articles have been processed and manufactured. This restriction applies to native carriers, such as drums and shields made of raw animal skins; and
- (4) meat (tinned or otherwise), eggs, milk and foodstuffs containing meat, eggs or milk.

d. *Landing and Use of Motor Vehicles*

All vehicles which are landed from visiting Naval vessels in Australia are subject to:

- (1) Inspection by Plant Quarantine Officer to ascertain whether any soil has accumulated on the vehicle, and cleansing as deemed necessary prior to use of vehicle in Australia;

- (2) the laws of the particular State or Territory in which the port is situated concerning:

- (a) registration of the vehicle;
- (b) third party insurance cover on the vehicle; and
- (c) licensing of drivers.

In most cases for military vehicles registration is not required, or if required, is free of charge, but third party insurance cover must be effected prior to landing vehicles. Drivers of motor vehicles landed from visiting Naval vessels must hold current driving licences or valid international permits issued in their country of residence.

**Matters Required by State Departments**

4. State Premiers have requested that additional information peculiar to their own States be supplied to crews of visiting ships:

These matters include fishing licences, pistol licences, tourist information, liquor laws, traffic rules and Marine Board information. Information which State authorities wish to be given to visiting ships should be compiled by Flag Officers/Naval Officers-in-Charge of States or Territories concerned and either sent to Commanding Officers of visiting ships prior to their arrival or given to them on arrival.

(AS (NS) 187/201/28)

**Section 2  
PERSONNEL**

UNCLASSIFIED

**641—Documentation for Travel Outside Australia**

1. In a recent case a RAN sailor, who was landed ashore for hospitalisation on the Far East Station, was unable to rejoin his ship because he held insufficient documentation to obtain a passport and visa.

2. Commanding Officers are to ensure that, when an officer or sailor is landed at a port outside Australia and required to rejoin the ship at another port, the member or an appropriate authority ashore holds sufficient documentation to obtain a passport and any visas required for travel to rejoin his ship.

(HPB 187/1/276)

**Section 3  
OPERATIONAL AND TRAINING**

UNCLASSIFIED

**642—Sailors Course Programme—1968**

Navy Order 543 of 1967 is to be amended as follows:

EDP Course No	Course	Start Date
916720	NAMAE	Amend 16.9.68 to read 11.11.68
916710	NAMW	Amend 16.9.68 to read 11.11.68
920810	LPM	Amend 22.7.68 to read 26.8.68
918730	DA	Amend 19.8.68 to read 27.5.68
911910	POQMG	Amend 14.10.68 to read 18.11.68
911720	ABCD	Cancel course commencing 18 Nov 68

(DMT 311/201/281)

(Navy Order 543 of 1967)

## Section 4

## EQUIPMENT, STORES AND SERVICING

UNCLASSIFIED

## 643—Ammunition—Annual Practice Allowance

Navy Order 376 of 1967 is to be amended as follows:

1. **Table 'A' Note (b) (iii)**  
delete existing scale and insert 2% Fuze TM No 207, 98% Fuze VT comprising 15% N97 and the balance Fuze No 80.
2. **Table 'D'**  
add Sub-paragraph (b) Patrol Boats fitted with launchers are allowed 12 2 in rocket flares per annum.
3. Insert new **Table E3** as follows:

TABLE E3

## Annual Practice Allowance (Small Arms) RANR Training

Weapon	Personnel	Allowance
.303 in rifle .. ..	10 per cent officers and sailors ENCOUNTER and HUON and all non seamen categories of other RTEs.	45 Ball
7.62 mm rifle and 7.62 LMG	All officers and seamen categories except ENCOUNTER and HUON	56 Ball each weapon (up to 25% tracer for LMG.)
.22 rifle .. ..	All officers and sailors	50 Ball
.38 or 9 mm pistol ..	All seamen officers	36 Ball

Note: a. When 7.62 rifles or LMG are not available .303 rifles and available LMGs are to be used.

b. Ammunition for RANR training is to be demanded in excess of that allowed for establishments.

TABLE E4

## Annual Practice Allowance (Small Arms Ammunition) ASCC

Item	Denomination	Allowance per Unit
Ammunition, .303 in Ball for Approved Units only	Rounds	40 (a)
Ammunition, .22 in Rimfire .. ..	Rounds	40 (a)

Note: (a) Per cadet per annum.

(DAS 725/252/19)

(Navy Order 376 of 1967)

UNCLASSIFIED

## 644—Ammunition—Propellant—Landing—Destruction—Reports

(DCI (RN) 988/1968)

1. Propellant of the following lots is due for withdrawal having reached age limits:

Propellant Lots Affected	Type	Nature of Ammunition for Which Proved and Which May Also be Affected
RNC 4898 .. ..	} SC 048	.. Cartridges: QF 4 in (FA)
RNC 4903 .. ..		
RNC 4914 .. ..		
RNC 4889 .. ..	} SC 061	.. Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNC 4892 .. ..		
RNC 4902 .. ..	} SC 103	.. Cartridges: QF 4.5 in (SL), QF 4 in
RNC 4913 .. ..		
RNC 4928 .. ..		
RNC 4936 .. ..		
RNC 4900 .. ..	} SC 140	.. Cartridges: Impulse Torpedo
RNC 4912 .. ..		
RNC 4910 .. ..	NF 029	.. Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNC 4895 .. ..	} NF 042	.. Cartridges: QF 4 in, QF 4.5 in (SL)
RNC 4919 .. ..		
RNC 4941 .. ..	NF/S 164/048	.. Cartridges: QF 4.5 in (SL)
RNC 4904 .. ..	} HSCK/T 134/055	.. Cartridges: SQUID, A/S Mortar
RNC 4905 .. ..		
RNC 4915 .. ..		
RNC 4916 .. ..		
RNC 4930 .. ..		
RNC 4937 .. ..		
RNC 4938 .. ..		
RNC 4939 .. ..		
RNC 4940 .. ..		
RNP 811 .. ..	SC 048	.. Cartridges: QF 4 in (FA)
RNP 790 .. ..	} SC 103	.. Cartridges: QF 4.5 in (SL), QF 4 in
RNP 810 .. ..		
RNP 766 .. ..	} SC 140	.. Cartridges: Impulse Torpedo
RNP 808 .. ..		
RNP 807 .. ..	SC 150	.. Cartridges: Impulse Torpedo
RNP 784 .. ..	NF 029	.. Cartridges: QF 4 in (FA), QF 4.5 in (SL)

Propellant Lots Affected	Type	Nature of Ammunition for Which Proved and Which May Also be Affected
RNP 778 ..	NF 042	.. Cartridges: QF 4 in, QF 4.5 in (SL)
RNP 804 ..		
RNP 799 ..	NF 052	.. Cartridges: QF 4 in (FA)
RNP 783 ..		
RNP 801 ..	NF 059	.. Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNP 819 ..		
RNP 820 ..		
RNP 821 ..		
RNP 797 ..	NF 070	.. Cartridges: QF 4 in (FA)
RNP 802 ..		
RNP 818 ..		
RNP 796 ..	NF/S 116-036	.. Cartridges: QF 4 in (FA)
RNP 817 ..		
RNP 781 ..	NF/S 168-048	.. Cartridges: QF 4.5 in (SL)
RNP 803 ..		
RNP 816 ..		
RNP 785 ..	HSCK/T 134-055	.. Cartridges: SQUID, A/S Mortar
RNP 800 ..		
RNP 805 ..		
RNP 2492 ..	SUK 1.7-0.6	.. Motors Rocket 2 in Flare
RNP 3010 ..	PU/F 488/649	.. Motor Rocket 2 in A/C
RNP 3014 ..		
MEC 164 ..	NF 042	.. Cartridges: QF 4.5 in (SL), QF 4 in
MEC 165 ..		
MEC 162 ..	NF/S 164-048	.. Cartridges: QF 4 in
VC 4430 ..	N 029	.. Cartridges: QF 4 in
VC 4442 ..		
VC 4424 ..	N/S 198-054	.. Cartridges: QF 4.5 in (SL)
VC 4436 ..		
VC 4437 ..		
VC 4439 ..		
VC 4440 ..		

2. *Action to be taken by HMA Ships, Establishments and Proof Ranges*

Return to RAN Armament Depot as early as practicable, if unable to comply within three months from date of this order, report specially to DAS, NM and ER, BR 862 Article 1126 refers.

3. *Action to be taken by RAN Armament Depots*

Declare for disposal. Propellant Acceptance List is to be amended.

(DAS 729/51/90)

UNCLASSIFIED

645—HMA Ships and Craft—Stability

1. A weight record for each ship and craft is maintained at Navy Office and it is incumbent on Captains and Authorities concerned to report immediately to the Naval Board full particulars of any change in weight of a permanent nature. This includes changes in allowances of ammunition and stores.

2. The report is to include a description of the item, its position and weight. It should state whether the latter was determined by weighing or estimating and by whom an estimate was made.

3. Failure to render this report promptly could adversely affect approval of alterations and additions.

4. Navy Order 446 of 1965 is hereby cancelled.

(PNA 1211/51/515)

(Navy Order 446 of 1965)

RESTRICTED

646—Main Turbines—Astern Running—Precautions

1. A main turbine rotor in one of HMA ships recently had to be replaced due to permanent distortion, which developed from a combination of:

- Temporary distortion induced by prolonged running astern. This condition could normally have been corrected by following the procedures in BR 3000 Article 1302 (4). In this instance two other conditions existed which increased the distortion to the extent that it became permanent;
- waterlogged turbine glands caused by a blockage in the gland drain line;
- insufficient radial clearance between the turbine rotor and the gland fin packing.

2. The attention of all concerned with the operation of steam turbines is drawn to the need for rigid observance of the general procedures and precautions listed in BR 3000 Chapter 13 and of any particular limitations applicable to the class of ship. It is emphasised that the operating conditions which are most likely to produce distortion and consequent vibration exist during periods standing by, slow running ahead and running astern.

3. The Captains of steam turbine driven ships are to ensure that the Marine Engineer Officers Standing Orders contain specific instructions regarding the procedures and precautions to be adopted during all steaming conditions, with particular emphasis on standing by and astern running.

4. Refitting Authorities and others concerned with the repair of turbines are reminded of the necessity for ensuring that clearances on closing after repair are not less than the minimum specified.

(DMED 1224/251/730)



## RESTRICTED

647

24

### UNCLASSIFIED

#### **647—Receipt of Stores From Outside Sources—Forms AS 549 (SX 125 or SX 126)**

1. In accordance with ABR 4, Article 1305 (b), Forms AS 549 (SX 125 or SX 126) in respect of stores received from outside sources are prepared in duplicate and Copy No 2 is forwarded to DSAP quarterly.

2. As these copies are no longer required by DSAP, one copy only of Form AS 549 (SX 125 or SX 126) is to be prepared for future transactions of this nature.

3. ABR 4 will be amended.

(DSAP 400/51/264)

### UNCLASSIFIED

#### **648—Victualling Stores—Receipts**

1. In accordance with the provisions of ABR 93, Manual of Victualling Stores, Chapter 38 (7), all formal receipts for victualling stores supplied to HMA ships and establishments are to be signed by the Supply Officer or an officer deputed for victualling duties.

2. As from the date of this order authority to sign such receipts may be delegated, at the discretion of the Supply Officer or the officer appointed for victualling duties, to stores sailors of leading rank and above. This authority is limited to receipts for deliveries where there are no differences between the stores received and the quantities and descriptions shown on the issue voucher. Where discrepancies are involved the certificate is to be signed by the officer responsible for victualling duties.

3. The foregoing does not alter in any way the responsibilities of the Supply Officer in carrying out periodical checks of provisions for quantity and quality at time of receipt, in accordance with ABR 93, Chapter 5.

4. ABR 93, Chapter 38 (7), will be amended.

(D of V 26/53/93)

### UNCLASSIFIED

#### **649—Will Not Be Issued**

##### **Section 5**

#### **BOOKS, CORRESPONDENCE, FORMS AND STATIONERY**

### RESTRICTED

#### **650—Safe Hand Mail for US Authorities in the Pacific**

1. Arrangements have been made for the dispatch via the USAF postal system of safe hand material up to SECRET classification for US Authorities and USN Ships in the Pacific.

2. The point of entry to the system is through the Safe Hand Mail Office at Naval Headquarters, Sydney.

3. Consignments are dispatched from Sydney every Monday, Wednesday and Friday but material for these consignments must be with the Safe Hand Office at Naval Headquarters, Sydney, by mid-day of the previous day.

4. Consignments are restricted to single envelopes and small parcels.

5. The address for articles is to include the full title and where known, geographical address with US FPO and code number.

(CEO (GS) 16/203/23)

(Navy Orders 1-410 of 1965 are now over three years old and may be disposed of accordingly.)



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
7 November 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

A handwritten signature in cursive script, appearing to read "Handau".

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

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## Section 4

## EQUIPMENT, STORES AND SERVICING

## UNCLASSIFIED

**651—Stores General (Group Class 1430)—Guided Missile Remote Control Systems—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA, in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
1430	00-062-9172	Receptacle, turn lock ..	5325	00-505-4798	
1430	00-661-1142	Socket, electron ..	5935	00-581-0266	
1430	00-693-9562	Retainer, capacitor ..	5910	00-236-2622	
1430	00-769-0464	Gasket ..	1055	00-575-6248	
1430	00-789-7756	Capacitor, fixed ..	5910	00-951-5696	
1430	00-961-9560	Transistor ..	5960	00-577-6131	
1430	00-967-1633	Socket, relay ..	5935	00-755-5836	
1430	00-967-9348	Capacitor, fixed ..	5910	00-892-7669	
1430	00-968-4233	Capacitor, fixed ..	5910	00-846-8098	
1430	00-968-4291	Capacitor, fixed ..	5910	00-755-0014	
1430	00-968-4368	Capacitor, fixed ..	5910	00-814-4805	
1430	00-968-4384	Capacitor, fixed ..	5910	00-855-4567	
1430	00-968-7313	Resistor, variable ..	5905	00-646-5674	
1430	00-968-7339	Resistor, variable ..	5905	00-583-7950	
1430	00-968-7404	Transistor ..	5960	00-959-6069	
1430	00-968-7424	Capacitor, fixed ..	5910	00-577-9225	
1430	00-968-7566	Capacitor, fixed ..	5910	00-855-1193	
1430	00-968-7750	Transistor ..	5960	00-892-3652	
1430	00-968-7758	Capacitor, fixed ..	5910	00-850-1502	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 9 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/85/9)

## UNCLASSIFIED

**652—Stores General (Group Class 5821)—Radio and Television Communication Airborne—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA, in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5821	00-090-3526	Gasket ..	5330	00-640-9384	
5821	00-320-7130	Spring, helical ..	5340	00-307-8698	
5821	00-327-4293	Receiver sub-assembly ..	5825	00-315-2469	

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	Item Name
5821	00-327-4322	Disk, solid, plain .. ..	5340	00-597-4179	
5821	00-329-0004	Contact, electric .. ..	5950	00-642-5505	
5821	00-348-3694	Gear, spur .. ..	5821	00-529-0222	
5821	00-373-2118	Gasket .. ..	5330	00-171-3813	
5821	00-392-5592	Collar, shaft .. ..	5821	00-098-5131	
5821	00-515-2168	Disk, solid, plain .. ..	5340	00-205-4816	
5821	00-564-8562	Generator, hydrogen .. ..	3655	00-093-6447	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 9 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/59/907)

#### UNCLASSIFIED

#### 653—Stores General (Group Class 5826)—Radio Navigation Equipment Airborne—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA, in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	Item Name
5826	00-327-4379	Mount, resilient .. ..	5340	00-597-6467	
5826	00-626-4272	Holder .. ..	5340	00-581-3210	
5826	00-730-8192	Switch assembly .. ..	5826	00-730-8195	
5826	00-730-8224	Gear assembly .. ..	6605	00-730-8224	
5836	00-991-9013	Gear, spur .. ..	5826	00-971-4695	
5826	00-991-9014	Gear, spur .. ..	5826	00-971-4698	
5826	00-991-9104	Wafer, gear, sensitive .. ..	5826	00-832-2348	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 9 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/59/996)

#### UNCLASSIFIED

#### 654—Stores General (Group Class 5840)—Radar Equipment Except Airborne—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA, in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	Item Name
5840	00-093-8171	Cable nipple .. ..	5975	00-295-9361	
5840	00-432-3162	Strip .. ..	5841	00-432-3162	
5840	00-528-3849	Coupling shaft .. ..	3010	00-294-6105	

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	Item Name
5840	00-540-7292	Coupling shaft .. ..	3010	00-204-4825	
5840	00-568-0429	Duplexer sub-assembly .. ..	5840	00-501-1521	
5840	00-602-9803	Filter, air conditioner .. ..	4130	00-278-9571	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 9 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/61/66)

#### UNCLASSIFIED

#### 655—Stores General (Group Class 5841)—Radar Equipment, Airborne—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA, in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	Item Name
5841	00-431-9492	Indicator .. ..	5826	00-431-9492	
5841	00-505-1270	Arrestor, electrical .. ..	5920	00-285-0253	
5841	00-631-4003	Circuit regulator .. ..	5841	66-027-4371	
5841	00-647-4017	Terminal, taper pin .. ..	5940	00-621-2198	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 9 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/59/945)

#### UNCLASSIFIED

#### 656—Stores General (Group Class 5915)—Filters and Networks—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA, in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	Item Name
5915	00-049-8482	Filter .. ..	5915	00-642-9994	
5915	00-058-6075	Pin, spring .. ..	5315	00-058-6079	
5915	00-228-5406	Filter .. ..	5915	00-643-8321	
5915	00-376-8930	Filter .. ..	5915	00-617-8896	
5915	00-382-9777	Delay line .. ..	6625	00-382-9777	
5915	00-532-6909	Transformer .. ..	5950	00-532-6909	
5915	00-546-0451	Spring .. ..	4920	00-546-0451	
5915	00-552-0120	Filter .. ..	5915	00-518-1644	

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5915	00-559-2189	Packing, preformed .. ..	3330	00-559-2189	
5915	00-629-5303	Filter .. ..	5915	00-348-0659	
5915	00-694-6304	Network, pulse .. ..	5915	00-351-4549	
5915	00-985-2415	Filter .. ..	5915	00-080-5245	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 9 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/72/208)

#### UNCLASSIFIED

#### 657—Stores General (Group Class 5965)—Headsets, Handsets, Microphones and Speakers—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA, in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5965	00-128-2234	Contact, electrical .. ..	5965	00-216-8044	
5965	00-238-0448	Headset, electrical .. ..	5965	00-285-0745	
5965	00-372-5606	Cushion, earphone .. ..	5965	00-033-5928	
5965	00-669-9157	Loudspeaker .. ..	5965	00-128-2974	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 9 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/70/256)

#### UNCLASSIFIED

#### 658—Stores General (Group Class 5975)—Electrical Hardware and Supplies—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA, in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5975	00-539-7013	Boot, dust and moisture .. ..	5970	00-539-7013	
5975	00-556-2842	Bushing .. ..	5975	00-273-0788	
5975	00-602-6733	Nut, coupling .. ..	5975	00-280-3314	
5975	00-615-5369	Boot, dust .. ..	5975	00-513-2712	

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5975	00-644-3111	Cover, electrical .. ..	5935	00-257-7581	
5975	00-644-3176	Boot, seal .. ..	5930	00-539-7013	
5975	00-881-1501	Cover, electrical connector .. ..	5935	00-881-1501	
5975	00-945-2503	Mount, resilient .. ..	5340	00-945-2503	
5975	00-992-8396	Boot, dust and moisture .. ..	5925	00-992-8396	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 9 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/71/194)

#### UNCLASSIFIED

#### 659—Stores General (Group Class 5999)—Miscellaneous Electrical and Electronic Components—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA, in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5999	00-019-6255	Board, printed .. ..	5821	00-019-6255	
5999	00-809-8580	Shielding gasket .. ..	6625	00-809-8580	
5999	00-502-5922	Coil, radio frequency .. ..	5950	00-754-6574	
5999	00-557-4546	Coil .. ..	5950	00-645-0378	
5999	00-583-6513	Coil, radio frequency .. ..	5950	00-557-5497	
5999	00-686-2550	Coil, radio frequency .. ..	5950	00-615-0090	
5999	00-702-3819	Shielding gasket .. ..	5840	00-702-3819	
5999	00-705-9416	Coil, radio frequency .. ..	5950	00-802-3607	
5999	00-711-6013	Contact, printed .. ..	5935	00-711-6013	
5999	00-792-8435	Printed circuit .. ..	6625	00-792-8435	
5999	00-896-9617	Printed circuit .. ..	5930	00-896-9617	
5999	00-896-9618	Printed circuit .. ..	5930	00-896-9618	
5999	00-896-9619	Printed circuit .. ..	5930	00-896-9619	
5999	00-659-2501	Printed circuit .. ..	6615	00-659-2501	
5999	00-659-2502	Printed circuit .. ..	6615	00-659-2502	
5999	00-659-2540	Printed circuit .. ..	6615	00-659-2540	
5999	00-992-6602	Lens, indicator .. ..	6210	00-992-6602	
5999	00-710-9492	Printed circuit .. ..	6625	00-710-9492	
5999	00-710-9493	Printed circuit .. ..	6625	00-710-9493	
5999	00-710-9495	Printed circuit .. ..	6625	00-710-9495	
5999	00-710-9496	Printed circuit .. ..	6625	00-710-9496	
5999	00-899-8227	Retainer, electrical .. ..	5960	00-549-7670	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 9 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/71/135)

## UNCLASSIFIED

**660—Stores General (Group Class 6625)—Electrical and Electronic Properties Measuring and Testing Instruments—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA, in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
6625	00-019-6308	Dummy load, electrical ..	5821	00-019-6308
6625	00-019-6315	Dummy load, electrical ..	5821	00-019-6315
6625	00-019-6317	Dummy load, electrical ..	5821	00-019-6317
6625	00-020-6882	Parts kit .. ..	6685	00-020-6882
6625	00-152-7680	Ring .. ..	1015	00-152-7680
6625	00-295-2191	Converter, waveform ..	1270	00-295-2191
6625	00-296-1867	Adapter, coaxial ..	5985	00-296-1867
6625	00-335-9573	View bathythermograph ..	6655	00-335-9573
6625	00-340-2107	Packing, preformed ..	5330	00-340-2107
6625	00-351-4335	Gear, spur .. ..	6625	00-203-1855
6625	00-439-6604	Digital pulse .. ..	6625	00-972-0537
6625	00-474-0377	Oscilloscope .. ..	6625	00-781-5775
6625	00-503-7163	Contact, electrical ..	6110	00-224-5837
6625	00-529-8539	Bearing, ball, annular ..	3110	00-529-8539
6625	00-553-1728	Multimeter .. ..	6625	00-544-8691
6625	00-579-3779	Bolt machine .. ..	5306	00-579-3779
6625	00-579-5593	Screw machine .. ..	5305	00-579-5593
6625	00-610-2077	Generator .. ..	6625	00-643-2821
6625	00-640-9354	Bathythermograph ..	6655	00-640-9354
6625	00-649-4183	Voltmeter .. ..	6625	00-235-4782
6625	00-649-5059	Voltmeter .. ..	6625	00-668-9468
6625	00-662-9241	Bearing, sleeve .. ..	3810	00-662-9241
6625	00-668-9288	Ammeter .. ..	6625	00-649-1632
6625	00-678-0343	Transformer, audio frequency ..	5950	00-678-0343
6625	00-679-9295	Coupling, fuel line ..	2840	00-679-9295
6625	00-713-3735	Bathythermograph ..	6655	00-713-3735
6625	00-724-9599	Cable assembly, radio frequency	5995	00-724-9599
6625	00-731-4386	Bathythermograph ..	6655	00-731-4386
6625	00-752-7680	Test set, radar .. ..	6655	00-710-0119
6625	00-788-3780	Test set, radar .. ..	6655	00-080-7204
6625	00-816-8736	Parts kit, navigation ..	2925	00-816-8736
6625	00-827-3959	Light, marker .. ..	6220	00-827-3959
6625	00-878-9406	Hinge, door, nose ..	5340	00-878-9406
6625	00-972-0538	Dual pulse .. ..	6625	00-084-3750

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 9 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/69/437)

## UNCLASSIFIED

**661—Stores General (Group Class 6685)—Pressure, Temperature, Humidity Measuring and Controlling Instruments—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA, in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
6685	00-030-7749	Shutter .. ..	6610	00-049-5103
6685	00-167-2885	Washer .. ..	5330	00-171-6490
6685	00-181-4398	Gear assembly .. ..	6685	00-704-1523
6685	00-181-4401	Gear assembly .. ..	6685	00-703-6819
6685	00-181-4414	Gear clusters .. ..	6685	00-704-1524
6685	00-181-5906	Weight, balance .. ..	6670	00-181-5906
6685	00-304-6926	Filter, particulate ..	6615	00-558-8068
6685	00-338-2507	Weight, balance .. ..	6670	00-338-2507
6685	00-388-9195	Knob .. ..	5355	00-443-3163
6685	00-443-3162	Restrictor, fluid ..	4730	00-443-3162
6685	00-443-3165	Copper-nickel alloy ..	9525	00-443-3165
6685	00-509-1433	Terminal .. ..	6685	00-694-2641
6685	00-684-2357	Switch, float, liquid ..	2915	00-684-2357
6685	00-725-7429	Synchro, transmitter ..	5990	00-725-7429

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 9 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 506/51/408)

## UNCLASSIFIED

**662—Stores General (Group Class 6810)—Chemicals—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA, in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
6810	00-027-2814	Sodium hydroxide .. ..	6810	00-270-8177
6810	00-201-1322	Methyl ethyl ketone ..	6810	00-281-2762
6810	00-270-9981	Phenolphthalein .. ..	6810	00-134-0000

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 9 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 512/80/325)

APPENDIX I

International Financial Reporting Standards (IFRS) are a set of accounting standards developed by the International Accounting Standards Board (IASB).

Accounting Standard	Effective Date
IAS 1: Presentation of Financial Statements	1 January 2005
IAS 2: Inventories	1 January 2005
IAS 8: Accounting Policies, Changes in Accounting Estimates and Errors	1 January 2005
IAS 12: Income Taxes	1 January 2005
IAS 16: Property, Plant and Equipment	1 January 2005
IAS 17: Leases	1 January 2005
IAS 18: Revenue	1 January 2005
IAS 19: Employee Benefits	1 January 2005
IAS 20: Government Grants	1 January 2005
IAS 21: Effects of Changes in Exchange Rates	1 January 2005
IAS 23: Interest	1 January 2005
IAS 24: Related Party Disclosures	1 January 2005
IAS 26: Financial Instruments: Presentation	1 January 2005
IAS 27: Financial Instruments: Recognition and Measurement	1 January 2005
IAS 28: Investments in Associates	1 January 2005
IAS 29: Financial Instruments: Disclosures	1 January 2005

The IASB has issued several amendments to these standards over time, including the 2005 Amendments, the 2008 Amendments, and the 2010 Amendments.

Accounting Standard	Effective Date
IAS 30: Financial Instruments: Disclosures	1 January 2005
IAS 31: Financial Instruments: Presentation	1 January 2005
IAS 32: Financial Instruments: Recognition and Measurement	1 January 2005
IAS 33: Earnings Per Share	1 January 2005
IAS 34: Interim Financial Reporting	1 January 2005
IAS 35: Financial Instruments: Disclosures	1 January 2005
IAS 36: Impairment of Assets	1 January 2005
IAS 37: Provisions, Contingent Liabilities and Contingent Assets	1 January 2005
IAS 38: Intangible Assets	1 January 2005
IAS 39: Financial Instruments: Recognition and Measurement	1 January 2005
IAS 40: Investment Property	1 January 2005
IAS 41: Agriculture	1 January 2005



# AUSTRALIAN NAVY ORDER

Navy Office, Canberra,  
7 November 1968.

The enclosed order is promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers in  
Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY



## Section 5

## BOOKS, CORRESPONDENCE, FORMS AND STATIONERY

## UNCLASSIFIED

## 663—Distribution of Magazines, Pamphlets and Amendments to Publications, Etc, During July 1968

1. The magazines, pamphlets and amendments to publications, etc, and SC Series contained in the Annex to this order, have been distributed to ships and Services during July 1968.

2. Copies of amendments referred to in the Annex to this order are available for supply to holders of personal copies of Books of Reference and Air Publications in accordance with Article 2517 (6) of ABR 4.

## ANNEX

## BR AMENDMENTS

BR No	Change No
BR 70	.. .. Cum Suppt corrected to 29.2.1968
BR 70	.. .. Cum Suppt corrected to 31.3.1968
BR 125	.. .. Suppt No 11 May 1968
BR 125	.. .. New Entries No 11 May 1968
BR 204 (1)	.. .. Change 4
BR 1288	.. .. Change 2
BR 1492B (1)	.. .. Amendment 9
BR 1492B (1)	.. .. Amendment 10
BR 1492B (1)	.. .. Amendment 11
BR 1615 Addm 2	.. .. Change 2
BR 1661 (1)	.. .. Change 3
BR 1661 (2)	.. .. Change 5
BR 1671 (1)	.. .. Change 3
BR 1771 (13) A	.. .. Change 1
BR 1771 (13) B	.. .. Change 2
BR 1771 (13) B	.. .. Change 3
BR 1771 (13) B	.. .. Change 4
BR 1857 (2A)	.. .. Change 1
BR 1857 (2A)	.. .. Change 2
BR 1857 (2A)	.. .. Change 3
BR 1857 (2A)	.. .. Change 4
BR 1857 (2B)	.. .. Change 1
BR 1857 (2B)	.. .. Change 2
BR 1857 (2B)	.. .. Change 3
BR 1857 (3)	.. .. Change 1
BR 2014B	.. .. Change 6
BR 2047B (6)	.. .. Change 4
BR 2111 (12)	.. .. Change 3
BR 2169	.. .. Change 3
BR 2232	.. .. Change 5
BR 2232	.. .. Change 6
BR 2500 (1)	.. .. AL 15/1966
BR 2500 (1)	.. .. AL 16/1967
BR 2500 (1)	.. .. STN 2D/1966

## BR AMENDMENTS—continued

BR No	Change No
BR 2500 (1)	.. .. STN 2E
BR 2500 (1)	.. .. STN 2F
BR 2500 (1)	.. .. Advance Inform list 1/1967
BR 2500 (2)	.. .. Advance Inform list 3/1966
BR 2500 (2)	.. .. Advance Inform list 4/1966
BR 2500 (2)	.. .. AL 15/1966
BR 2500 (2)	.. .. Advance Inform list 2/1967
BR 2500 (4)	.. .. AL 1/1966
BR 2500 (4)	.. .. AL 2/1966
BR 2500 (4)	.. .. AL 1/1967
BR 2500 (4)	.. .. AL 2/1967
BR 2500 (4)	.. .. AL 3/1967
BR 2500 (4)	.. .. STN 20A
BR 2500 (4)	.. .. STN 22
BR 2500 (4)	.. .. STN 23
BR 2500 (4)	.. .. STN 25
BR 2501	.. .. Change 3
BR 2525	.. .. Wespil 88105/01 Addenda Dec 1967
BR 2525	.. .. Wespil 88116/02 Addenda Dec 1967
BR 2525	.. .. Wespil 88116/03 Addenda Dec 1967
BR 2525	.. .. Wespil 88211/01 Addenda Dec 1967
BR 2525	.. .. Wespil 88410/01 Addenda Dec 1967
BR 2525	.. .. Wespil 88425/01 Addenda Dec 1967
BR 2525	.. .. Wespil 88431/01 Addenda Dec 1967
BR 2525	.. .. Wespil 88522/01 Addenda Dec 1967
BR 2525	.. .. Wespil 88530/02 Addenda Dec 1967
BR 2525	.. .. Wespil 88621/ Addenda Dec 1967
BR 2525	.. .. Wespil 88712/02 Addenda Dec 1967
BR 3001	.. .. Change 16
BR 3209	.. .. Change 5
BR 3300	.. .. Change 3
BR 3376	.. .. Change 1
ABR 5069	.. .. Change 2
ABR 5069	.. .. Change 3
ABR 5069	.. .. Change 4
MBR 8074	.. .. Suppt 4 April 1968
MBR 8074	.. .. Suppt 5 May 1968
MBR 8150	.. .. Change NR 3
FEGO	.. .. Amdt 35 April 1968
FEGO	.. .. Amdt 36 May 1968
FEGO	.. .. Amdt 1 June 1968

## BOOKS, MAGAZINES AND PAMPHLETS

Publication	Date
Aeroplane Vol 115 No 2949	.. .. 24.4.1968
Aeroplane Vol 115 No 2950	.. .. 1.5.1968
Aeroplane Vol 115 No 2951	.. .. 8.5.1968
Aeroplane Vol 115 No 2953	.. .. 22.5.1968
Aeroplane Vol 115 No 2954	.. .. 29.5.1968
Approach Vol 13 No 7	.. .. January 1968

BOOKS, MAGAZINES AND PAMPHLETS—*continued*

<i>Publication</i>	<i>Date</i>
Approach Vol 13 No 8 .. ..	February 1968
Approach Vol 13 No 9 .. ..	March 1968
Approach Vol 13 No 10 .. ..	April 1968
Approach Vol 13 No 11 .. ..	May 1968
Approach Vol 13 No 12 .. ..	June 1968
Flight .. ..	25.4.1968
Flight .. ..	2.5.1968
Flight .. ..	30.5.1968
HMSO List of Govt Publications ..	March 1968
International Electronics Vol 14 No 3 ..	June/July 1968
Journal of Naval Engineering Vol 17 No 2	December 1967
Joint Services Recognition Board Journal	September 1967
Vol 22 No 9	
Joint Services Recognition Board Journal	October 1967
Vol 22 No 10	
Joint Services Recognition Board Journal	November 1967
Vol 22 No 11	
NAMAN Vol 32 N 2711-N 2715 ..	30.4.1968
The RN Navy List .. ..	Spring 1968
UK Journal of the Institute of Navigation	April 1968

## NAVSHIP AND NAVWEP CHANGES

<i>Publication</i>	<i>Change</i>
OP 4 Vol 2 .. ..	Change 7
OP 1764 Vol 2 .. ..	Change 3—15.2.1968
OP 1764 Vol 5 .. ..	Change 7
OP 1764 Vol 5 .. ..	Change 8—1.4.1968
OP 1764 Vol 9 .. ..	Change 4—15.2.1968
OP 1764 Vol 10 .. ..	Change 4—15.2.1968
OP 2454 Suppt 1 .. ..	Change 1
OP 2454 Vol 1 .. ..	Change 4
OP 2454 Vol 2 .. ..	Change 3—1.5.1966
OP 2454 Vol 2 .. ..	Change 4
OP 2454 Vol 3 .. ..	Change 3—1.5.1966
OP 2454 Vol 3 .. ..	Change 4
OP 2579 PMS/SMS Vol 1 .. ..	ACN 4-1
OP 2579 PMS/SMS Vol 1 .. ..	Change 5
OP 2579 PMS/SMS Vol 2 .. ..	ACN 1-1—15.5.1968
OP 2579 PMS/SMS Vol 2 .. ..	ACN 4-2—15.5.1968
OP 2579 PMS/SMS Vol 3 .. ..	ACN 3-2
OP 2579 PMS/SMS Vol 4 .. ..	ACN 0-5—15.5.1968
OP 2579 PMS/SMS Vol 5 .. ..	ACN 2-1
OP 2579 PMS/SMS Vol 5 .. ..	Change 5
OP 2580 PMS/SMS Vol 4 .. ..	Change 5—1.2.1968
OP 2665 Vol 3 .. ..	Change 2
OP 2665 Vol 3 .. ..	Change 4
OP 2782 Vol 1 .. ..	Change 3—15.5.1967
OP 2782 Vol 2 .. ..	Change 2—1.5.1967
OP 2976 Vol 1 .. ..	ACN 7-1
OP 3010 (IMP) Vol 5 .. ..	Change 19—1.9.1967

NAVSHIP AND NAVWEP CHANGES—*continued*

<i>Publication</i>	<i>Change</i>
OP 3010 (IMP) Vol 5 .. ..	Change 21—15.12.1967
OP 3057 .. ..	Change 5—1.9.1965
OP 3419 .. ..	Change 2
OP 3421 .. ..	Change 3
Navships 347-4324 .. ..	Enclosure 1
Navships 347-4324 .. ..	Enclosure 2
Navships 347-4324 .. ..	Enclosure 3

## SIGNAL CORRECTION

<i>ACP No</i>	<i>Correction No</i>
ACP 117 Com Nav Suppt 1A ..	Change 3
ACP 117 .. ..	SC 12/67
ACP 117 .. ..	SC 22/67
ACP 117 .. ..	SC 1/68
ACP 121D .. ..	Change 1 Errata
ACP 131B .. ..	Change 1
	Corr 21/1—ACP 117B
	Corr 3/1—ACP 117C
	Corr 26/1—ACP 117B
	Corr 8/1—ACP 117C
	Corr 28/1—ACP 117B
	Corr 10/1—ACP 117C

## AMENDMENTS TO AIR PUBLICATIONS

<i>AP No</i>	<i>AL or Leaflet</i>
1182E Vol 2 .. ..	AL (RAN) 2
1182 (N) Vol 4 Parts 2 and 6 ..	AL (RAN) 1
1661F Vol 1 .. ..	AL 170, 171, 172 and 174
2890SC Vol 2 .. ..	AL (RAN) 2
4269C Vol 2 Part 1 .. ..	AL (RAN) 3
(RAN) 8 Vol 5 Book 1 .. ..	AL 23
(RAN) 8 Vol 1 Book 2 .. ..	AIL (RAN) 17
	AL 51, 56, 58, 60 and 61
(RAN) 8 Vol 1 Book 3 .. ..	AIL (RAN) 32
	AL 40 and 41
(RAN) 8 Vol 2 .. ..	AIL 148, 149, 150, 151, 152, 153, 154, 155 and 156
	AL 36 and 62 (with Ad/mins)
AP (RAN) 8 Vol 5 Book 2 .. ..	AL 74, 75, 76, 77 and 78
(RAN) 8 Vol 6 Part 1 .. ..	AL 24, 26 and 27
(RAN) 8 Vol 6 Part 3 .. ..	AIL (RAN) 65
(RAN) 8 Vol 6 Part 2 .. ..	AL 63
(RAN) 8 Vol 3 Part 1 .. ..	AL 20, 21, 22, 23, 24 and 25
(RAN) 8 Vol 5 Book 3 .. ..	AL 19 and 20
(RAN) 8 Vol 1 Book 1 .. ..	AL 110, 120 and 121
(RAN) 8 Vol 1 Book 4 .. ..	AL 18
(RAN) 8 Vol 1 Book 5 .. ..	AL 35
(RAN) 8 Vol 1 Book 6 .. ..	AL 31 and 32
(RAN) 9A Vol 6 Part 4A .. ..	AIL (RAN) 7
(RAN) 9 Vol 2 .. ..	AIL No 11
(RAN) 9A Vol 6 Part 2A .. ..	AL 18
(RAN) 9B Vol 3 Part 1 .. ..	AL 1

## AMENDMENTS TO AIR PUBLICATIONS—continued

AP No	AL or Leaflet
(RAN) 9AB Vol 2 .. ..	AIL 10 AL 62 and 63
(RAN) 10 Vol 5 Book 2 .. ..	AL 18 and 19
(RAN) 11 Vol 2 .. ..	AL 1 and 2
(RAN) 19 Vol 2 Book 1 .. ..	AL 30
(RAN) 19 Vol 2 Books 1 and 2 .. ..	AL 26
(RAN) 19 Vol 2 Part 2 .. ..	AL 28 and 29
(RAN) 29 Vols 1, 3 and 6 Book 1 .. ..	AL 7
(RAN) 37 Vol 1 Book 2 .. ..	AL 2
(RAN) 37 Vol 2 .. ..	AL 2
(RAN) 51 Vol 1 .. ..	AL 1
(RAN) 100 Vol 2 Part 3 .. ..	AL 3
(RAN) 100 Vol 2 Book 1 .. ..	AL 2
(RAN) 100 Vol 2 Book 4 .. ..	AL 2
(RAN) 102 Issue 2 .. ..	AL 29
(RAN) 500 Vol 2 .. ..	AL 2
(RAN) 600 Vol 2 .. ..	AL 4
(RAN) 600 Vol 2 Book 1 .. ..	AL 7
AAP 69 Vol 1 .. ..	AL 15, 16 and 17 (Erratum No 1)
AAP 121 (January/1962) .. ..	AL 39
AAP 192 .. ..	AL 6
AAP 316 (2nd Edition) .. ..	AL 159, 162 and 163
AAP 382 .. ..	AL 2
AAP 873 .. ..	AL 20, 21, 22, 23, 24 and 25
AAP 897 .. ..	AL 27
AAP 951 .. ..	AL 6
AAP 1127 .. ..	AL 3 and 4
AAP 702.1 Book 1 Part 1 .. ..	AL 200
AAP 701.03 (Provisional) .. ..	AL 4
AAP 702.1 Part 1 Section 1 .. ..	AL 203
AAP 702.1 .. ..	AL 205
AAP 711.54 Vol 2 Parts 1 and 2 .. ..	AL 81
AAP 711.54 Vol 6 Part 1 .. ..	AL 9
AAP 711.54 .. ..	AL 90
AAP 721.65 Vol 2 Part 1 .. ..	AL 49
AAP 721.65 Vol 2 Part 2 .. ..	AL 218, 221 and 222
AAP 721.79 Vol 2 Part 2 .. ..	AL 316
AAP 730.30 .. ..	AL 21, 22, 23 and 24
AAP 732.10 Vols 1 and 5 Parts 1 and 2 .. ..	AL 49 and 50
AAP 741.00 Vol 2 Parts 1 and 2 .. ..	AL 126 and 127
AAP 742.00 Vol 2 Parts 1 and 2 .. ..	AL 77 and 80
AAP 744.00 Vol 2 Parts 1 and 2 .. ..	AL 90 and 94
AAP 745.00 Vol 2 Parts 1 and 2 .. ..	AL 84 and 87
AAP 751.00 Vol 2 Parts 1 and 2 .. ..	AL 31, 43 and 53 (27.5.1968)
AAP 751.61 Vols 1 and 6 .. ..	AL 28
AAP 791.10 Vol 4 Part 1 .. ..	AL 2
AAP 966.04 (April 1968) .. ..	AL 1
AAP 2 GCC B16 (2nd Edition) .. ..	AL 10
AAP 2 GCC 1015 (3rd Edition) .. ..	AL 6
AAP 2 GCC 6730 (4th Edition) .. ..	AL 10
AAP 2 GCC 5335 (5th Edition) .. ..	AL 8

## AMENDMENTS TO AIR PUBLICATIONS—continued

AP No	AL or Leaflet
AAP 2 GCC 3416 (6th Edition) .. ..	AL 6
AAP 2 GCC 5910 (6th Edition) .. ..	AL 18
AAP 2 GCC 1730 (7th Edition) .. ..	AL 10
AAP 2 GCC 3530 (8th Edition) .. ..	AL 6
AAP 2 GCC 5810 (8th Edition) .. ..	AL 12
AAP 2 GCC 5821 (8th Edition) .. ..	AL 34, 35 and 36
AAP 2 GCC 5895 (8th Edition) .. ..	AL 12 and 13
AAP 2 GCC 5935 (8th Edition) .. ..	AL 16, 17 and 18
AAP 2 GCC 5950 (8th Edition) .. ..	AL 11 and 12
AAP 2 GCC 5955 (8th Edition) .. ..	AL 20
AAP 2 GCC 5985 (8th Edition) .. ..	AL 13
AAP 2 GCC 6625 (8th Edition) .. ..	AL 14 and 15
AAP 2 GCC 5805 (9th Edition) .. ..	AL 11
AAP 2 GCC 5820 (9th Edition) .. ..	AL 14, 15 and 16
AAP 2 GCC 5825 (9th Edition) .. ..	AL 15 and 16
AAP 2 GCC 5940 (9th Edition) .. ..	AL 11 and 13
AAP 2 GCC 5841 (9th Edition) .. ..	AL 13
AAP 2 GCC 5905 (9th Edition) .. ..	AL 21
AAP 2 GCC 5835 (10th Edition) .. ..	AL 14
AAP 2 GCC 5930 (10th Edition) .. ..	AL 16 and 17
AAP 2 GCC 5965 (10th Edition) .. ..	AL 11 and 12
AAP 2 GCC 5969 (10th Edition) .. ..	AL 11
AAP 2 GCC 5995 (10th Edition) .. ..	AL 12
AAP 2 GCC 5985 (11th Edition) .. ..	AL 11, 12 and 14
AAP 2 GCC 5999 (11th Edition) .. ..	AL 12
AAP 2 GCC W4C (12th Edition) .. ..	AL 71
AAP 2 GCC Table of Contents (18th Edition)	AL 90, 91, 92 and 93
AIP RAC/2 (CAT EAST) .. ..	AL 98
AGA AIP (CAT EAST) .. ..	AL 64
DCA AIP .. ..	AL 78 (CAT EAST) RAC/2 AL 64 (CAT A and C)
Map-0-1A (Int A and C East West) DCA AIP	AL 37
Map-0-1B (Int A and C East) DCA AIP	AL 38
DCA AIC .. ..	28/1968
DCA NOTAM .. ..	HO 11/1968 HO (12/1968 and 13/1968) VT2/1968
Air Navigation Orders Part 20 .. ..	AL 64 and 66
Air Pictorial .. ..	May 1968 June 1968
Air Clues .. ..	June 1968
ICAO Bulletin .. ..	May-June 1968
Bendix Publication (incp into AL 7 of AP (RAN) 29)	No 5211-1B
RAAF General Engineering Equipt Inst ..	AL 28
Airways Operation Instruct Vol 3 (1st Edition)	AL 8
Kollsman Installation Manual (incp into AL 7 of AP (RAN) 29)	S 927A-200-465

AMENDMENTS TO AIR PUBLICATIONS—*continued*

<i>AP No</i>	<i>AL or Leaflet</i>
DCA Airways Operation Instr Vol 1 ..	AL 7
Air Board Orders Section 'T' ..	Issue 82
JASAP .. .. .	AL 28
TM 1-5F8-3-4-4 (incp into AL 7 of AP (RAN) 29)	
TM 11-6125-220-35 .. .. .	Change No 1
TM 55-2935-215-40 .. .. .	Change No 1 (16.2.1967)
TM 55-4810-206-40 .. .. .	Change No 1 (16.2.1967)
TM 55-6115-233-50 .. .. .	Change No 1 (16.2.1967)
TM 55-6620-247-40 (incp into AL 7 of AP (RAN) 29)	Change No 1 (16.2.1967)
TM 55-6610-277-40 (incp into AL 7 of AP (RAN) 29)	Change No 1 (16.2.1967)
TM 55-6685-203-50 (incp into AL 7 of AP (RAN) 29)	Change No 1 (16.2.1967)
Wessex Ad/Min 150 Issue 2 .. .. .	
Wessex Ad/Min 081 Issue 3 .. .. .	
Wessex Ad/Min 082 Issue 2 .. .. .	
Wessex Ad/Min 092 .. .. .	
Wessex Ad/Min 004 to 128 .. .. .	

(D of V 465/57/881)

RESTRICTED

ANO's 664-674/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
11 November 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

A handwritten signature in dark ink, appearing to read "J. Handau".

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

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23545/68

RESTRICTED

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<b>SECTION 2—PERSONNEL</b>	
665	Will Not Be Issued.
666	Programme of Educational Tests in the RAN During 1969.
667	Programme of Professional Tests for Promotion to SD List—January-December 1969.
668	Services General Certificate of Education—Recognition by Other Authorities.
669	Volunteers to Forego Shore Service.
<b>SECTION 4—EQUIPMENT, STORES AND SERVICING</b>	
670	Ammunition—Demolition Stores—637315 Detonators Percussion N5—Withdrawal of Certain Lots Which Failed at Annual Proof.
671	Ammunition—Pyrotechnics—Cartridges Signal 1 inch Green—Lot 17 Filled SPRA 5/62—Withdrawal.
672	Safety of Personnel Exposed to Dust From Materials Containing Asbestos.
673	Shore Wireless Stations—Masts and Towers—Restrictions to be Observed When Carrying out Maintenance.
674	Stores (General)—ABR 5074—RAN Catalogue of Stores—Group Class 0241, 0243, 0253 and 0275—Change of Accounting Classifications.

## Section 1

### ADMINISTRATIVE AND GENERAL

#### RESTRICTED

#### 664—Security Classifications of Optical Mine Hunting System

1. The following security classifications apply to the Optical Mine Hunting System. Terminology used is that applicable to classifying information concerning ships and equipment:

CONFIDENTIAL—A .. a. Information on operational and tactical uses, capabilities and limitations under specific conditions success chances or probabilities (theoretical or achieved service).  
b. Pressure, acoustic and magnetic signatures of system.

RESTRICTED —B .. a. Existence of OMH system including the title.  
b. Technical or design details (including operating frequencies, acoustic or magnetic power, parameters of range, depth, etc) and comprehensive detailed information on special processing, display or installation techniques employed including any details or information which reveals (or allows to be deducted) information in 'A' above.  
c. Modus operandi of the system.

UNCLASSIFIED —C .. a. Details of the components which do not reveal information as in A and B above.  
b. Unclassified title 'TOWED DIVER SYSTEM', short title (TDS).

2. This information will be promulgated as an amendment to ACB 0337 (A).

(DNI 1626/204/156)

## Section 2

### PERSONNEL

#### UNCLASSIFIED

#### 665—Will Not Be Issued

#### UNCLASSIFIED

#### 666—Programme of Educational Tests in the RAN During 1969

1. The following will be the programme of educational tests in the RAN during 1969:

a. *ET1*—

(1) *Fleet*: Friday 21 March  
Friday 5 September

(2) *HMAS CERBERUS: Supplementary ET1 for Recruits*

24 January	16 May	5 September
21 February	13 June	3 October
21 March	11 July	31 October
18 April	8 August	28 November

(3) *HMAS LEEUWIN: Supplementary ET1 for Junior Recruits*

14 February	22 August
16 May	21 November

b. *SGCE—*(1) *SGCE—April 1969*

	<i>Forenoon</i>	<i>Afternoon</i>
Monday 21 April	English I (Expression)	English II (Literature)
Tuesday 22 April	Mathematics I	Modern History
Wednesday 23 April	Mathematics II	Geography
Thursday 24 April	Physics	Chemistry
Monday 28 April	Economics	Asian History
Tuesday 29 April	Navigation	—

(2) *SGCE—October 1969*

Monday 20 October	English I (Expression)	English II (Literature)
Tuesday 21 October	Mathematics I	Modern History
Wednesday 22 October	Mathematics II	Geography
Thursday 23 October	Physics	Chemistry
Friday 24 October	Economics	—
Monday 27 October	Navigation	Asian History

c. *LEEUWIN Tests—*

- 10 March to 12 March
- 19 May to 21 May
- 8 September to 10 September
- 17 November to 19 November

2. This order will be reprinted for posting on notice-boards.

3. Navy Order 536 of 1967 is hereby cancelled.

(HPB 325/1/25)

(Navy Order 536 of 1967)

## UNCLASSIFIED

**667—Programme of Professional Tests for Promotion to SD List—  
January-December 1969**

1. The programme of professional tests in the Royal Australian Navy to be conducted from Navy Office during the period 1 January to 31 December 1969, is shown in Paragraph 3 of this order.

2. Applications for these tests are to reach Navy Office one month in advance.

3.	<i>Test</i>	<i>Date of Test</i>
	Eng Sub-Lt (ME) and (MECH) ..	Wednesday 19 and Thursday 20 February.
	Eng Sub-Lt (AE) .. ..	Thursday 20 February.
	Ship Sub-Lt .. ..	Wednesday 26 and Thursday 27 February.
	E1 Sub-Lt (L), (R), (AL), AR ..	Thursday 4 and Wednesday 5 March.
	Eng Sub-Lt (OE) .. ..	Tuesday 4 and Wednesday 5 March.
	Ward Sub-Lt .. ..	Tuesday 18 and Wednesday 19 March.
	Supply Sub-Lt (S) and (W) ..	Tuesday 18 and Wednesday 19 November.

4. This order will be reprinted for posting on notice-boards.

5. Navy Order 466 of 1967 is hereby cancelled.

(HPB 312/6/5)

(Navy Order 466 of 1967)

## UNCLASSIFIED

**668—Services General Certificate of Education—Recognition by Other  
Authorities**

1. This order defines the recognition accorded to the Services General Certificate of Education by the various State educational authorities and by the Public Service Board.

2. Where it is proposed to use SGCE subject passes to establish eligibility to undertake, by correspondence or attendance, a further course of study leading to a higher academic or technical qualification, candidates should study the appropriate handbook or manual issued by the particular examinations board, and, if necessary, write to the State authority concerned to obtain details of any compulsory subjects and other prescriptions relevant to the particular course of study proposed.

**Public Service Board**

3. The regulations which specify the minimum educational qualifications for entry to the Third Division of the Commonwealth Public Service are defined in terms of the public examinations conducted by the various State educational authorities.

4. The qualifications required were amended in Gazette No 47 of 30 May 1968 as follows:

'OR

By passing an examination conducted by or on behalf of the Defence Forces which is assessed by a State educational authority as equivalent to a pass in a State Standard Examination in the subjects and at the level required for entry to the Third Division.'

5. The Public Service Board recognises the Victorian School Leaving Certificate as a suitable qualification for Third Division and the Victorian Universities and Schools Examinations Board recognise SGCE as equivalent to the Victorian Leaving. Therefore, acceptance of SGCE by the Public Service Board is conditional on continuing acceptance of SGCE by the Victorian Universities and Schools Examinations Board, and, of course, on the continuing acceptance of the Victorian Leaving by the Public Service Board as an acceptable qualification.

6. SGCE passes are required in English and three other subjects, the four subject passes being obtained by sitting for no more than two of the four SGCE examinations held in a two-year period.

7. From 1 April 1969, applicants must have gained SGCE passes in English, a branch of Mathematics or Science (Mathematics I, Mathematics II, Physics, Chemistry, Geography), a Humanity subject (Modern History, Asian History, Economics) and one other subject. These amended conditions apply also to applicants with the Victorian Leaving Certificate.

8. All applicants are required to sit for a Commonwealth Selection Test. Former members of the Australian Forces must be under the age of 51 at the date of appointment to the Commonwealth Public Service.

#### State Educational Authorities

9. Recognition accorded to SGCE by the various educational authorities is as follows:

<i>Authority</i>	<i>Educational Equivalent</i>														
Victorian Universities and Schools Examinations Board.	Equivalent to Victorian School Leaving Examination in all respects. Prescriptions governing eligibility to sit the matriculation examination are detailed in the VUSEB Handbook.														
Royal Melbourne Institute of Technology.	Equivalent to Victorian Technical Leaving Examination. There are prescriptions governing eligibility to undertake the various Leaving entry courses.														
NSW Department of Education.	Recognised on a subject basis as equivalent to NSW School Certificate as follows: <table border="1"> <thead> <tr> <th><i>SGCE</i></th> <th><i>School Certificate</i></th> </tr> </thead> <tbody> <tr> <td>English</td> <td>English</td> </tr> <tr> <td>Economics</td> <td>Commerce</td> </tr> <tr> <td>Modern History</td> <td>History</td> </tr> <tr> <td>Mathematics I plus Mathematics II</td> <td>Mathematics</td> </tr> <tr> <td>Physics plus Chemistry</td> <td>Science</td> </tr> <tr> <td>Geography</td> <td>Geography</td> </tr> </tbody> </table>	<i>SGCE</i>	<i>School Certificate</i>	English	English	Economics	Commerce	Modern History	History	Mathematics I plus Mathematics II	Mathematics	Physics plus Chemistry	Science	Geography	Geography
<i>SGCE</i>	<i>School Certificate</i>														
English	English														
Economics	Commerce														
Modern History	History														
Mathematics I plus Mathematics II	Mathematics														
Physics plus Chemistry	Science														
Geography	Geography														
Queensland Department of Education.	Equivalent to subjects passed at Grade Eleven (sub-senior).														
South Australia Department of Education.	Equivalent to subjects passed at the Leaving Technical Certificate or Leaving Area Examinations.														
Western Australia Department of Education.	Equivalent to subjects passed at 4th Year (sub-matriculation). SGCE Mathematics I and Mathematics II are together equivalent to Leaving Mathematics A (matriculation level).														
Tasmanian Schools Board.	No formal recognition, but SGCE subjects are considered to be of Schools Board Certificate standard except in Economics and Navigation for which there are no subject equivalents. Individual applications for recognition of qualifications will be necessary.														

10. This order will be incorporated into RI in due course.

(DNES 325/1/145)

## UNCLASSIFIED

### 669—Volunteers to Forego Shore Service

1. The Naval Board appreciate that there are sailors who, for valid personal reasons sometimes wish to extend their normal sea service periods. In general, requests of this nature are not approved as they would block the sea training of other sailors and would prevent an equitable share of sea and shore service for all personnel.

2. It is regrettable that because of shortages within certain categories, present sea service extends to three years and beyond in some cases and shore service is generally less than the planned two year period. Even so, some requests are received from sailors within these categories to remain at sea.

3. To lengthen the shore service of the other personnel within these underborne categories, those sailors who wish to remain at sea, may volunteer to forego their turn of shore service under the following conditions:

- Volunteers may apply from affected categories which will be promulgated quarterly in posting forecasts. Nominations should reach Navy Office as early as possible following the issue of this navy order and subsequent posting forecasts;
- these sailors will be regarded as volunteering to remain at sea for 12 months following the date they normally would have commenced shore service. The actual additional service will be governed by the Fleet programme and its subsequent amendments;
- whilst the majority of volunteers will be accepted there may be occasions (eg the need for an instructor with special skills ashore) when requests cannot be approved or when a planned extension of sea service must later be cancelled;
- the posting records of volunteers will be noted. The names of sailors concerned will remain at the tops of the shore service rosters but they will be passed over whilst serving the additional period at sea;
- a request to forego shore service will not normally be accepted where a posting has been already forecast or issued.

4. Similarly, sailors of the categories listed who are currently serving ashore and have completed six months shore service, may also volunteer to forego the balance of their shore service. These volunteers will be placed at the top of their respective sea rosters and consideration will be given to posting them for sea service as soon as possible. Such postings may be at short notice.

5. Currently sailors of the following ranks and categories may volunteer to forego shore service:

<i>CPO</i>	<i>PO</i>	<i>LR</i>	<i>Able Rank</i>
CME	POME	LME	ME (AWC)
CERA	POMED	LMED	
CMECH	ERA2 (EWC)	LSQMG	
ERA1	MECH2 (EWC)	LSUC	
MECH1	ERAD2 (EWCD)	LSWM	
CERAD	MECHD2 (EWCD)	LEMWR	
ERAD1	POQMG	LAMET	
MECHD1	POUC		
CEWR	POWM		
	POEWR		
	POSTD		



6. This order will be reprinted for posting on notice-boards.  
7. Navy Order 693 of 1965 is hereby cancelled.

(DMT 303/21/136)

(Navy Order 693 of 1965)

**Section 4****EQUIPMENT, STORES AND SERVICING**

## UNCLASSIFIED

**670—Ammunition—Demolition Stores—637315 Detonators Percussion N5—Withdrawal of Certain Lots Which Failed at Annual Proof**

1. *Information* .. .. In view of the unsatisfactory results of annual proof it has been decided to withdraw the following lots of the above detonators:  
Lot 483 filled ICI/W 10/56  
Lot 7 filled ICI/W 1/57.
2. *Action by HMA Ships* .. Present holdings of these detonators are to be exchanged at the nearest RAN armament depot.
3. *Safety Category* .. BR 862 (NMER) Article 1705 (1) category ff, not dangerous but may have a percentage of failures to fire.
4. *Remarks* .. .. Relevant publications will be amended. Separate instructions are being issued to RAN armament depots.

(DAS 715/51/347)

## UNCLASSIFIED

**671—Ammunition—Pyrotechnics—Cartridges Signal 1 inch Green—Lot 17 Filled SPRA 5/62—Withdrawal**

(DCI (RN) 744/1968)

1. *Authority Concerned* .. All holders of cartridges signal 1 inch green.
2. *Information* .. .. a. Experience has shown that cartridges signal 1 inch green of lot 17 filled SPRA 5/62 have become unreliable in service on account of 'Blind Stars'.  
b. In view of this, it has been decided that all cartridges of this lot no and date of filling shall be withdrawn from service.
3. *Item Concerned* .. 39322212. cartridges signal 1 inch green Lot 17—filled SPRA 5/62.
4. *Identification* .. .. Details of lot no and manufacture date of filling of cartridges can be ascertained from the contents label affixed to the package.

5. *Action to be Taken* .. a. *By all holders* (other than RAN armament Depots) —Any cartridges of lot 17—filled SPRA 5/62 held are to be returned to an RAN armament depot at the first opportunity and replacements drawn in lieu.  
b. *By RAN Armament Depots*—Declare for disposal any affected stocks held and subsequent receipts.
6. *Safety Category* .. The above cartridges are classified as category (FF) in accordance with BR 862, Article 2607, ie not dangerous, but may be subject to a percentage of failures to function.

(DAS 700/62/153)

## UNCLASSIFIED

**672—Safety of Personnel Exposed to Dust From Materials Containing Asbestos**

(DCI (RN) 1524/1966)

1. The principal object of this order which applies to all personnel, uniformed as well as civilian and to contractors employees, in Naval Dockyards and Establishments, is the elimination of the hazard arising from breathing air laden with dust from asbestos and compound mixtures of asbestos and other minerals. The hazard is principally associated with the handling, fitting and stripping of dusty insulating materials. Certain other materials contain asbestos in a more closely bonded form. These are not dusty in nature but in some cases, a dust hazard may be created when they are cut or machined. In such cases, some discretion is necessary in deciding where protection is necessary. In all cases the deciding factor is whether airborne dust is generated.
2. All asbestos insulation and other compound mixtures of asbestos and other minerals should be sprinkled with water to minimise the dust hazard. Care should be taken that too liberal an application is not made before application of insulation as this would cause corrosion of underlying pipework, etc. During the removal of insulation, however, the surface should be liberally wetted, by injection of water where the surface has been rendered impervious by paint.
3. Drop sheets are to be positioned on the underside of the section to be lagged and as close as practicable to the work.
4. Where practicable all cutting and machining of asbestos and/or composition mixture, is to be done in the open air. Cutting and shaping of the insulation is to be carried out on trays so designed to prevent spillage of off cuts on to the decks, etc.
5. All sealing and finishing coats are to be pre-mixed off the job and taken to the working area in containers.
6. All personnel working with asbestos are to wear dust respirators giving full protection against dust down to  $\frac{1}{2}$  micron particle diameter. The respirators are to be of the twin cartridge type currently approved by the RAN. Each respirator is to be personal to the individual and on issue it is to be examined to ensure a good fit. It is to be inspected and cleaned at intervals of not more than 10 working days. Before

re-issue returned respirators are to be disinfected in accordance with procedure laid down for General Service Respirators. Cartridge dust filters are to be removed after 14 days use, or earlier if clogged with dust. The risk is particularly high during lagging/de-lagging processes, when pre-filters need to be changed frequently (at least twice daily). RAN personnel are to be issued with respirators on temporary loan when this is necessary.

7. Adequate supply ventilation is to be provided.

8. Where asbestos insulation work is in progress in machinery spaces exhaust ventilation fans are to be run at full speed. Where practicable flexible ducts are to be led from exhaust fan intake to the vicinity of the work to extract dust at source. In other spaces fitted with recirculation ventilation, care is to be taken that dust-laden air is not spread about the ship via recirculation ducting. Where possible, local exhaust ventilation via a dustfilter capable of retaining particles down to  $\frac{1}{2}$  micron diameter is to be provided.

9. All asbestos dust is to be cleared away at regular intervals using an industrial vacuum cleaner. All debris is to be damped before removal in disposable impervious bags.

10. No person is to prepare or partake of food or drink in compartments in which asbestos work is being carried out.

11. All men employed on asbestos processes are to be medically examined, including full-plate chest X-Ray, before starting on this work. These men are thereafter to be examined annually including full-plate chest X-Ray.

12. The number of personnel employed in a compartment in which asbestos is being used or stripped, and who are not directly engaged in lagging operations, is to be kept to a minimum.

13. No living spaces are to be occupied out of working hours until asbestos working has been completed and the compartment cleansed.

14. Laundry and other personnel regularly handling laggings clothing should be acquainted with the need to avoid raising dust by shaking out such clothing, etc.

15. All personnel not normally handling asbestos must observe all the above precautions when in dusty conditions arising from asbestos working whether or not they are personally working with the asbestos. They need not be subject to routine medical examination as in the case of asbestos workers but in cases of doubt the opinion of the Dockyard Medical Officer is to be sought.

16. This order supplements but does not replace the relevant instructions under Clause 41 of the New South Wales Factories Act or the Harmful Gases, Vapours, Fumes, Mists, Smokes and Dust Regulations 1945 (as amended) made under the Victorian Health Acts.

(DMED 177/1/82)

## UNCLASSIFIED

### 673—Shore Wireless Stations—Masts and Towers—Restrictions to be Observed When Carrying out Maintenance

Navy Order 448 of 1968 is to be amended as follows:

#### Paragraph 4

insert the following in lieu:

'A glass fronted key-box is to be provided at each transmitter station, suitably marked for aerial interlock keys for aeriels being worked upon. Before permission is given to work on a mast or tower for which the nature of the work requires the radio-frequency power to be switched off, the appropriate aerial interlock keys (which must be in position in the aerial exchange to enable the EHT to be switched on) are to be removed and deposited in the key-box. The key-box is then to be locked and its key held by the Senior Hand of the Watch all the time the work is being carried out on the masts or towers.'

(ACDC 1424/1/11)

(Navy Order 448 of 1968)

## UNCLASSIFIED

### 674—Stores (General)—ABR 5074—RAN Catalogue of Stores—Group Class 0241, 0243, 0253 and 0275—Change of Accounting Classifications

1. As a result of action taken in respect of Paragraph 5 of Navy Order 279 of 1967, the accounting classification of various stores, as shown in ABR 5074, is to be amended as detailed in the annexes to this order.

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual), Article 1812.

3. Change Lists, detailing change action to be effected in the respective sections of ABR 5074, will be issued in due course.

#### ANNEX A

Permanent items to be reclassified as Consumable

('P' to 'C')

Group Class	Catalogue No	Group Class	Catalogue No
0253	943-1655	0275	910-5718
		0275	910-5722

#### ANNEX B

Permanent items to be reclassified as Consumable non-accountable

('P' to 'N')

Group Class	Catalogue No	Group Class	Catalogue No
0243	L80706	0243	13736
0243	L80703		

**RESTRICTED**

674

12

**ANNEX C**

Consumable items to be reclassified as Consumable non-accountable  
(‘C’ to ‘N’)

<i>Group Class</i>	<i>Catalogue No</i>	<i>Group Class</i>	<i>Catalogue No</i>
0241	421	0241	1876
0241	422	0241	3583
0241	423	0241	12948
0241	826	0241	18221
0241	1802	0241	18651
0241	L80970	0241	L94123
0241	L80978	0241	L94124
0241	L94121	0241	L94125
0243	4728	0243	4729
0243	72750	0243	14648
0243	L80744	0243	220-2537
0253	827	0253	10378
0253	974	0253	11620
0253	4104	0253	11621
0253	10372	0253	11622
0253	10373	0253	11623
0253	10374	0253	11624
0253	10375	0253	11625
0253	10376	0253	11626
0253	10377		

(DSAP 465/52/1292)

(Navy Order 279 of 1967)

(Navy Orders 411-706 of 1965 are now over three years old and may be disposed of accordingly.)

*Registered  
Historian*

ANO's 675-702/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
13 November 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*P. Handau.*

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY

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## Section 4

## EQUIPMENT, STORES AND SERVICING

## UNCLASSIFIED

**675—Stores (General)—Group Class 0214—Bolts, Nuts, Screws and Studs, Steel—Change of Stock Numbers**

1. With effect from 2 December, 1968, the Stock Numbers of the undermentioned items are to be changed as follows, as advised by MOD (N):

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
0214	5819	Pin	0265	5819
0214	948-2050	Nut	0214	943-5761
0214	948-2051	Nut	0214	943-5762
0214	948-2052	Nut	0214	120-3156
0214	948-2053	Nut	0214	120-3139
0214	948-2054	Nut	0214	943-5763
0214	948-2055	Nut	0214	120-3143
0214	948-2056	Nut	0214	120-3144
0214	948-2057	Nut	0214	120-3146
0214	948-2058	Nut	0214	120-3148
0214	948-2059	Nut	0214	972-1323
0214	948-2060	Nut	0214	972-1324
0214	948-2061	Nut	0214	972-1325
0214	948-2062	Nut	0214	972-1326
0214	948-2063	Nut	0214	120-2046
0214	948-2064	Nut	0214	120-3140
0214	948-2065	Nut	0214	972-1330
0214	948-2066	Nut	0214	120-3136
0214	948-2067	Nut	0214	120-3132
0214	948-2068	Nut	0214	120-3142
0214	948-2069	Nut	0214	120-3159
0214	948-2070	Nut	0214	120-3133
0214	948-2071	Nut	0214	120-3147
0214	948-2072	Nut	0214	120-3134
0214	948-2073	Nut	0214	120-3135
0214	948-2074	Nut	0214	972-1331
0214	948-2075	Nut	0214	972-1332
0214	941-2028	Nut	0214	120-4486
0214	941-2029	Nut	0214	941-7650
0214	941-3194	Nut	0214	941-3520
0214	941-3196	Nut	0214	941-3521
0214	941-3198	Nut	0214	941-3524
0214	941-3199	Nut	0214	941-3525
0214	941-3292	Nut	0214	941-9123
0214	941-3293	Nut	0214	941-9124
0214	941-3294	Nut	0214	941-9125
0214	941-3295	Nut	0214	972-1333
0214	941-3296	Nut	0214	941-9126
0214	941-3297	Nut	0214	972-1334
0214	941-3304	Nut	0214	943-4299
0214	941-3305	Nut	0214	943-4300

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
0214	941-3306	Nut	0214	943-4301
0214	941-3307	Nut	0214	943-4302
0214	941-3308	Nut	0214	943-4303
0214	941-3309	Nut	0214	943-4304

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Store-keeping Manual) Article 1812.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 505/61/297)

## UNCLASSIFIED

**676—Stores (General)—Group Class 1005—Guns, Through 30 MM—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
1005	00-224-7987	Brush, file, cleaner	7920	00-224-7987
1005	00-523-0023	Bar angle	1005	00-344-6062
1005	00-856-5992	Link, chute	1005	00-856-5999

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 2 December, 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 400/70/135)

## UNCLASSIFIED

**677—Stores (General)—Group Class 1025—Guns, Over 150 MM Through 200 MM—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
1025	00-131-2506	Ring piston	4310	00-173-5263
1025	00-131-2837	Ring piston	4310	00-173-5264
1025	00-752-4365	Bearing, sleeve	3120	00-287-7521

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 2 December, 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 400/70/136)

## UNCLASSIFIED

**678—Stores (General)—Group Class 1210—Fire Control Directors—  
Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
1210	00-210-3951	Armature, motor .. ..	6105	00-635-2439
1210	00-210-3952	Motor-generator .. ..	6125	00-548-2773
1210	00-673-7870	Bellows .. ..	1285	00-673-7870

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 2 December, 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 400/70/137)

## UNCLASSIFIED

**679—Stores (General)—Group Class 1440—Launchers—Guided Missile—  
Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
1440	00-571-5979	Rod threaded end .. ..	5306	00-571-5979
1440	00-620-8064	Retainer, universal .. ..	4320	00-620-8064
1440	00-621-3050	Bearing, universal .. ..	1650	00-621-3050

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 2 December, 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 400/70/138)

## UNCLASSIFIED

**680—Stores (General)—Group Class 2940—Engine Air and Oil Filters,  
Strainers and Cleaners, Non-Aircraft—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
2940	00-330-7595	Spring, helical .. ..	4330	00-291-5110
2940	00-360-4274	Filter element .. ..	2910	00-554-9059
2940	00-362-3108	Spring, helical .. ..	4330	00-291-5120
2940	00-377-2485	Washer, flat .. ..	5330	00-187-1531
2940	00-651-8577	Gasket .. ..	2910	00-618-6525

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 2 December, 1968.

3. ABR 5074 Catalogue of Stores will be amended in due course.

(DSAP 400/70/130)

## UNCLASSIFIED

**681—Stores (General)—Group Class 3130—Bearings Mounted—Change of  
Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
3130	00-210-1766	Bearing sleeve .. ..	3120	00-210-1766
3130	00-287-8801	Bearing .. ..	3130	00-068-2673
3130	00-324-2371	Insulator, bushing .. ..	5970	00-405-8524

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 2 December, 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 506/61/752)

## UNCLASSIFIED

**682—Stores (General)—Group Class 4330—Centrifugals, Separators and  
Pressure Vacuum Filters—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
4330	00-024-9665	Fitter element .. ..	1650	00-024-9665
4330	00-536-9745	Fitter element .. ..	2940	00-879-1894
4330	00-542-1060	Packing preformed .. ..	5330	00-542-1060
4330	00-868-7963	Packing preformed .. ..	5330	00-250-0238
4330	00-991-2907	Cartridge assy .. ..	4130	00-339-3446

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 2 December, 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 400/70/132)

## UNCLASSIFIED

**683—Stores (General)—Group Class 4730—Fittings and Specialties, Hose, Pipe and Tube—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	Item Name
4730	00-277-7105	Reducer tube .. ..	4730	00-203-6943	
4730	00-483-2664	Nut, tube coupling .. ..	5895	00-673-9382	
4730	00-484-9391	Plug, machine thread .. ..	2915	00-484-9391	
4730	00-541-4959	Insert, screw thread .. ..	5340	00-541-4959	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 2 December, 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 501/80/101)

## UNCLASSIFIED

**684—Stores (General)—Group Class 5130—Hand Tools—Power Driven—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	Item Name
5130	00-288-7767	Drill, electric .. ..	5130	00-889-9004	
5130	00-299-0167	Drill, electric .. ..	5130	00-889-8993	
5130	00-889-2136	Drill, pneumatic .. ..	5130	00-889-9011	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 2 December, 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/77/156)

## UNCLASSIFIED

**685—Stores (General)—Group Class 5306—Bolts—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	Item Name
5306	00-145-6951	Bolt machine .. ..	5306	00-754-1791	
5306	00-145-7087	Bolt machine .. ..	5306	00-754-1786	
5306	00-151-0786	Bolt machine .. ..	5306	00-656-0358	
5306	00-166-2040	Bolt .. ..	5306	00-207-6434	

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	Item Name
5306	00-167-4132	Screw, shoulder .. ..	5305	00-167-4132	
5306	00-274-2199	Setscrew .. ..	5305	00-274-2199	
5306	00-292-8260	Bolt .. ..	5306	00-855-3610	
5306	00-362-0737	Screw, cap .. ..	5305	00-269-3210	
5306	00-448-3675	Screw, cap .. ..	5306	00-638-7774	
5306	00-700-0359	Bolt oil seat .. ..	2840	00-700-0359	
5306	00-721-4583	Nut .. ..	5306	00-806-7704	
5306	00-770-3483	Bolt, fluid passage .. ..	4730	00-700-3483	
5306	00-770-3484	Bolt, fluid passage .. ..	4730	00-700-3484	
5306	00-817-5972	Screw, machine .. ..	5305	00-817-5972	
5306	00-897-5187	Stud, shouldered .. ..	5307	00-897-5187	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 2 December, 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 505/61/294)

## UNCLASSIFIED

**686—Stores (General)—Group Class 5340—Miscellaneous Hardware—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	Item Name
5340	00-160-0005	Formed cable wiring .. ..	5815	00-160-0005	
5340	00-208-8729	Nut, plain, hexagon .. ..	5310	00-208-8729	
5340	00-731-0916	Ring .. ..	3040	00-731-9016	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 2 December, 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 505/51/135)

## UNCLASSIFIED

**687—Stores (General)—Group Class 5805—Telephones and Telegraph Equipment—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	Item Name
5805	00-312-8655	Roller shaft .. ..	5815	00-311-6574	
5805	00-576-7670	Screw .. ..	5305	00-576-7670	
5805	00-710-4535	Switch telephone .. ..	5930	00-710-4535	



Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5805	00-781-2490	Pin, lever shifter .. ..	3810	00-781-2490
5805	00-781-7490	Amplifier, direct current .. ..	5840	00-781-7490
5805	00-976-1215	Arm .. ..	5815	00-976-1215
5805	00-975-7305	Screw .. ..	5305	00-850-3910

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 2 December, 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/70/257)

#### UNCLASSIFIED

##### 688—Stores (General)—Group Class 5810—Communications Security Equipment and Components—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5810	00-593-3664	Stud .. ..	5307	00-593-3664
5810	00-624-2300	Switch card .. ..	5999	00-624-2300
5810	00-626-5207	Cover sub assy .. ..	5340	00-626-5207
5810	00-703-0762	Slide assy right .. ..	5340	00-703-0762
5810	00-703-0763	Slide assy left .. ..	5340	00-703-0763
5810	00-723-7131	Handle, bow .. ..	5340	00-723-7131
5810	00-731-1251	Pin, stop .. ..	5315	00-731-1251
5810	00-741-9972	Quadrant, pivot .. ..	3040	00-741-9972
5810	00-778-8463	Handle bow .. ..	5340	00-778-8463
5810	00-778-8719	Clock, electric .. ..	6645	00-778-8719
5810	00-894-8749	Quadrant, pivot .. ..	3040	00-894-8749
5810	00-894-8750	Quadrant, pivot .. ..	3040	00-894-8750
5810	00-955-1692	Heat sink .. ..	5999	00-955-1692

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 2 December, 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/57/207)

#### UNCLASSIFIED

##### 689—Stores (General)—Group Class 5845—Underwater Sound Equipment—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5845	00-621-2163	Contact, electrical .. ..	5820	00-301-4483
5845	00-717-2379	Antenna .. ..	5841	00-717-2379
5845	00-717-6447	Spring helical .. ..	5340	00-835-7565
5845	00-981-7147	Remover .. ..	5120	00-829-6176

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 2 December, 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 518/52/429)

#### UNCLASSIFIED

##### 690—Stores (General)—Group Class 5895—Miscellaneous Communication Equipment—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory Items of US origin the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5895	00-084-3503	Switch, radio frequency .. ..	5985	00-084-3503
5895	00-642-1563	Terminal board .. ..	5940	00-549-5519
5895	00-879-2274	Bearing ball, annular .. ..	3110	00-144-8860

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 2 December, 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/70/206)

#### UNCLASSIFIED

##### 691—Stores (General)—Group Class 5905—Resistors—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5905	00-060-0538	Resistor, fixed .. ..	5905	00-860-8008
5905	00-259-4034	Connector, receptacle .. ..	5935	00-259-4034
5905	00-583-1832	Adaptor, switch, actuating .. ..	5930	00-583-1832

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5905	00-722-0136	Resistor, fixed .. ..	5905	00-911-7057	
5905	00-794-3799	Resistor, variable .. ..	5905	00-851-4898	
5905	00-842-2965	Resistor, fixed .. ..	5905	00-860-8059	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 2 December, 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/66/296)

#### UNCLASSIFIED

##### 692—Stores (General)—Group Class 5955—Piezoelectric Crystals—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5955	00-083-3279	Jack .. ..	5935	00-083-3279	
5955	00-187-1922	Crystal unit .. ..	5955	00-865-9346	
5955	00-569-9422	Bumper assy .. ..	1010	00-569-9422	
5955	00-659-2574	Crystal unit, quartz .. ..	5955	00-878-7806	
5955	00-665-2746	Oscillator, RF .. ..	5895	00-665-2746	
5955	00-911-8788	Rectifier .. ..	5961	00-691-3173	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 2 December, 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/64/77)

#### UNCLASSIFIED

##### 693—Stores (General)—Group Class 5960—Electron Tubes and Associated Hardware—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5960	00-680-9745	Transistor .. ..	5961	00-680-9745	
5960	00-811-5799	Semi-conductor .. ..	5961	00-811-5799	
5960	00-883-6064	Semi-conductor device, diode .. ..	5961	00-883-6064	
5960	00-894-0684	Semi-conductor .. ..	5961	00-894-0684	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 2 December, 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/54/388)

#### UNCLASSIFIED

##### 694—Stores (General)—Group Class 5977—Electrical Contact Brushes and Electrodes—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5977	00-284-7900	Insulator, washer .. ..	5970	00-284-7900	
5977	00-503-0371	Contact electrical .. ..	5950	00-503-0371	
5977	00-636-4480	Brush electrical .. ..	5977	00-284-9122	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 2 December, 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/71/196)

#### UNCLASSIFIED

##### 695—Stores (General)—Group Class 5990—Synchros and Resolvers—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5990	00-628-9085	Printed circuit board .. ..	5999	00-628-9085	
5990	00-677-6499	Synchro receiver .. ..	5990	00-926-4324	
5990	00-698-5854	Amplifier electronic .. ..	6605	00-698-5854	
5990	00-842-5359	Synchro transmitter .. ..	5990	00-677-6507	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 2 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/68/82)

## UNCLASSIFIED

**696—Stores (General)—Group Class 5995—Cable, Cord and Wire Assemblies, Communication Equipment—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5995	00-308-6628	Cord, assembly .. ..	5995	00-164-6648	
5995	00-387-3005	Cable assembly .. ..	6625	00-665-2514	
5995	00-518-1619	Cable assembly radio .. ..	5995	00-188-0376	
5995	00-829-3428	Cable assembly .. ..	6625	00-850-1036	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 2 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/73/354)

## UNCLASSIFIED

**697—Stores (General)—Group Class 6105—Motors, Electrical—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
6105	00-031-1682	Gear, spur .. ..	5841	00-031-1682	
6105	00-241-8073	Motor .. ..	6105	00-787-2744	
6105	00-329-3108	Motor, alternating .. ..	6105	00-295-1548	
6105	00-519-0786	Motor, contact .. ..	6105	00-557-3984	
6105	00-669-5843	Rectifier metallic .. ..	6130	00-669-5843	
6105	00-806-0253	Resistor fixed .. ..	5905	00-806-0253	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 2 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 1107/51/226)

## UNCLASSIFIED

**698—Stores (General)—Group Class 6110—Electrical Control Equipment—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
6110	00-282-4438	Spring, helical .. ..	5340	00-260-6354	
6110	00-366-7704	Spring, helical .. ..	5340	00-265-4724	
6110	00-413-2515	Contact, electrical .. ..	5945	00-030-1994	

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
6110	00-570-6512	Spring, helical .. ..	6110	00-266-4789	
6110	00-570-6513	Spring, helical .. ..	6110	00-597-9324	
6110	00-570-6514	Spring, helical .. ..	6110	00-316-3478	
6110	00-609-9025	Spring, helical .. ..	6110	00-367-4577	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 2 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/76/133)

## UNCLASSIFIED

**699—Stores (General)—Group Class 6125—Converters, Electrical Rotating—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
6125	00-496-9988	Dynamotor .. ..	6125	00-553-0873	
6125	00-635-3266	Dynamotor .. ..	6125	00-635-3269	
6125	00-652-2766	Armature motor generator .. ..	6125	00-061-6652	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 2 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/74/91)

## UNCLASSIFIED

**700—Stores (General)—Group Class 6130—Converters, Electrical, Non-rotating—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
6130	00-074-2134	Semi-conductor device .. ..	5961	00-074-2134	
6130	00-392-1716	Rectifier .. ..	6130	00-643-0732	
6130	00-725-2633	Rectifier, semi-conductor .. ..	5961	00-725-2633	
6130	00-799-3194	Semi-conductor device .. ..	5961	00-799-3194	
6130	00-847-5131	Rectifier, semi-conductor .. ..	5961	00-847-5131	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 2 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 1108/53/60)

## UNCLASSIFIED

**701—Stores (General)—Group Class 6660—Meteorological Instruments and Apparatus—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

<i>Old Stock No</i>		<i>Item Name</i>	<i>New Stock No</i>	
<i>Group Class</i>	<i>Catalogue Number</i>		<i>Group Class</i>	<i>Catalogue Number</i>
6660	00-783-1584	Drive assembly .. ..	5845	00-440-0502
6660	00-783-1585	Blade, electrode .. ..	5845	00-020-2750
6660	00-783-2112	Socket assembly .. ..	5845	00-440-0278

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 2 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/53/835)

## UNCLASSIFIED

**702—Stores (General)—Group Class 6680—Liquid and Gas Flow, Liquid Level and Mechanical Motion Measuring Instruments—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

<i>Old Stock No</i>		<i>Item Name</i>	<i>New Stock No</i>	
<i>Group Class</i>	<i>Catalogue Number</i>		<i>Group Class</i>	<i>Catalogue Number</i>
6680	00-281-3792	Regulator, fluid .. ..	6680	00-171-9819
6680	00-526-9165	Mirror, glass .. ..	9340	00-641-7089
6680	00-590-2132	Motor tachometer .. ..	6680	00-590-2135

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 2 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 506/51/405)

RESTRICTED

ANO's 703-716/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
14 November 1968

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

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23942/68

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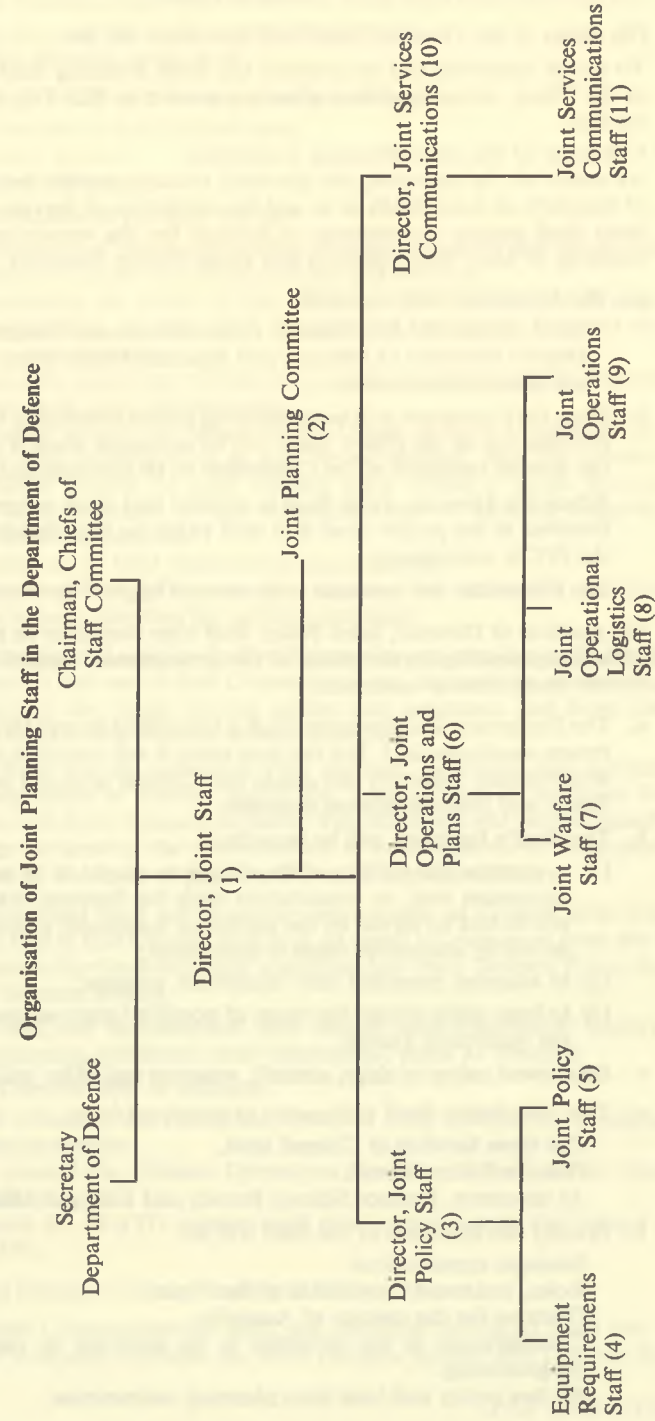
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715	Naval Stores (General)—DSN 5110-66-026-5286—Cutter, Steel Strapping—Introduction and Allowances.
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**Section 1  
ADMINISTRATIVE AND GENERAL**

**703—Introduction of New Joint Staff Arrangements—Department of Defence**

1. New Joint Staff arrangements were introduced in the Department of Defence with effect from 1 October 1968.  
 2. Details of the organisation involved is set out in the attached chart and explanatory notes.



(Numeral references are to notes attached)

## Notes to Chart

1. The duties of the Director, Joint Staff (two star) will be:
 

To direct, supervise and co-ordinate the Joint Planning Staff organisation depicted in the Chart, including policy planning relative to SEATO, ANZUS and ANZAM matters.

Chairman of the Joint Planning Committee.

As needs be, for example, for specialist matters outside the particular competence of members of Joint Staffs or to aid the resolution of Service problems arising from Joint Staff papers—to convene or arrange for the convening of, Working Parties made up of Joint Staff members and single Service Members.
2. a. The Committee will comprise:
 

Navy, Army, RAAF, Defence Policy Branch and Defence Science Branch and Deputy Secretary (A) Branch and External Affairs when matters affecting them are under consideration.
- b. Since the Committee will be considering papers emanating from all the Joint Staffs provided for in the Chart, there will be occasions when it will be appropriate for the normal members of the Committee to be accompanied by a specialist officer.
- c. Where the Director, Joint Staff is satisfied that there is agreement of the interests involved at the proper level in a staff paper he may decide that consideration by the JPC is unnecessary.
- d. The Committee will continue to be serviced by joint Service and civilian secretaries.
3. The position of Director, Joint Policy Staff (one star) is to be regarded as provisional for the time being pending further study of the arrangements needed to cope with problems of equipment requirements assessment.
4. a. The Equipment Requirements Staff is likewise to be regarded as provisional for the reason mentioned in 3. For the time being it will comprise one member at Colonel level (Deputy Director) and one at half Colonel level and personnel from Defence Policy and Defence Science Branches.
- b. The Staff's functions will be broadly:
  - (1) to examine the validity of the objectives sought to be served by proposed new equipment and, in consultation with the Services, whether those objectives will in fact be served by the particular equipment proposed or could be better served by alternative types of equipment;
  - (2) to examine proposed new equipment projects;
  - (3) to keep under review the range of possible future weapons and equipments for the Australian Forces.
- c. Equipment refers to ships, aircraft, weapons and other major equipment items.
5. a. The Joint Policy Staff will consist of personnel from:
 

The three Services at Colonel level,  
Defence Policy Branch,  
As necessary, Defence Science Branch and External Affairs.
- b. Broadly the functions of the Staff will be:
 

Strategic appreciations.  
Roles, tasks and capabilities of the Forces.  
Doctrine for the defence of Australia.  
Consideration of the priorities to be accorded to new projects in defence programming.  
Ad hoc policy and long term planning assignments.

6. The duties of the Director, Joint Operations and Plans Staff (one star) will be:
 

to supervise and oversight the staffs responsible to him;  
to deputise for the Director, Joint Staff.
7. a. The Joint Warfare Staff will consist of personnel from:
 

The three Services at half Colonel level,  
Defence Policy Branch,  
Defence Science Branch.
- b. Broadly the functions of the Staff will be:
  - (1) the formulation and review of joint Service policy, doctrine and standardisation of techniques for joint warfare operations and training;
  - (2) the promulgation on behalf of the Chiefs of Staff Committee of approved joint Service policy, doctrine and standardised techniques for joint warfare operations and training;
  - (3) the formulation and review of joint Service policy in respect of the organisation and functions of joint warfare units;
  - (4) the functional control on behalf of the Chiefs of Staff Committee of such integrated joint warfare units as may be established, with the proviso that administrative control of joint warfare units within a single Service will continue to be exercised by the individual Chief of Staff on behalf of the Chiefs of Staff Committee;
  - (5) the formulation of Joint Operational requirements;
  - (6) co-ordination of SEATO exercise planning in Australia, and where appropriate, joint planning for national exercises;
8. a. The Joint Operational Logistics Staff will comprise one member at Colonel level (Deputy Director) and one at half Colonel level and, as needs be, personnel from the three Services for single Service advice and assistance and from Deputy Secretary (A) and (B) and Defence Science Branches.
- b. Broadly the Staff will be concerned with logistics, personnel and movements, insofar as they relate to matters within the responsibility of the Joint Policy, Joint Warfare and Joint Operations Staffs. The JOLS will not be concerned with logistics in, eg the sense of the determination of equipment etc to be acquired or with personnel in the sense of pay, conditions of employment etc.
9. a. The Joint Operations Staff will comprise one member at Colonel level (Deputy Director) and one at half Colonel level and, as needs be, personnel from the three Services for single Service advice and assistance and from Defence Policy Branch and Defence Science Branch.
- b. Broadly the Staff will be concerned with current joint operational matters and plans and developing additional joint operational plans as directed.
- c. The Deputy Director will, in addition:
 

act as Staff Officer to the Chairman, Chiefs of Staff Committee on operations and intelligence matters;  
direct and control the Defence Operations Centre on behalf of the Chiefs of Staff Committee;  
be responsible for SEATO matters until now carried out by the Service Joint Secretary, JPC.
10. The duties of the Director (Colonel level) will be as at present.
11. The Joint Services Communications Staff will comprise personnel from the three Services at half Colonel level and, as needs be, from Defence Science and Defence Signals Branches.

## UNCLASSIFIED

**704—Registration and Identification of Commonwealth Owned Motor Vehicles Number Plates—Loss or Defacement**

1. Instances have occurred where holders of Naval Motor Transport have effected changes in number plates without advising Navy Office.
2. Upon loss or defacement of number plates a detailed report is to be completed and forwarded to the Director of Supply Administration and Planning (Melbourne) together with a request for replacement. Such report is to include the following details:
  - a. Registered Number and type of vehicle involved.
  - b. *If lost*, indicate time, place and whether Police were advised.
  - c. *If stolen*, give relevant circumstances, stating whether Police were advised and what other measures were taken towards recovery.
  - d. *If defaced*, brief explanation of cause, eg, flaking paint, accident damage, etc.
3. Upon receipt of replacements, any original number plates held are to be returned to the Registrar of Vehicles, a copy of the covering letter being minuted to Director of Supply Administration and Planning (Melbourne).
4. Navy Order 83 of 1966 is hereby cancelled and ABR 5013, Motor Transport Instructions, will be amended in due course.

(DSAP 459/70/12)

*(Navy Order 83 of 1966)*

## UNCLASSIFIED

**705—Womens Royal Australian Naval Service Reserve****A—INTRODUCTION**

1. The Womens Royal Australian Naval Service Reserve (short title WRANSR) has been established to provide a Reserve of trained women who may be called out by the Governor-General for continuous full time naval service in time of war or in time of defence emergency to assist in manning essential base and support facilities, and who may be voluntarily employed at other times to fill vacancies in the establishment of the WRANS or for short periods for special tasks during exercises.
2. This Force consists of former WRANS Officers and Wrans and is a component of the Citizen Naval Forces. Enlistment, in the case of wrans and appointment or transfer in the case of officers, is restricted to volunteers who, because of previous training or qualifications, are able to fulfil these tasks at short notice.
3. This order covers the following:
  - B. Conditions of transfer or enlistment;
  - C. Eligibility;
  - D. Obligations;
  - E. Protection of Civil Employment;
  - F. Naval Service;
  - G. Medical;
  - H. Financial;
  - I. Discharge;
  - J. Administrative Aspects;
  - K. Uniform—Scales and Conditions of Issue (to be issued).

**B—TRANSFER OR ENLISTMENT****General**

4. No former member of the PNF is compelled to serve in the Reserve. However, under the provisions of the Defence Forces Retirement Benefits Act, the pension or gratuity of a former member of the PNF may be reduced if, on discharge, he or she is eligible to serve in the Reserve, is requested by the Naval Board to do so, but declines to do so.

5. WRANS officers on resignation (eg on marriage) who so elect, may be transferred to the WRANSR. Wrans eligible to enlist in the WRANSR may volunteer to join when completing their discharge routine. In either case the member must not have attained the age of 45 years. Section 'F' of the discharge signal (ABR 18, Article 0213) is to indicate the members willingness to transfer or enlist. Pending distribution to establishments, forms of enlistment (PR 115) will be forwarded to wrans at the address shown in Section J of the discharge signal. In all cases appointment, transfer or enlistment will be subject to vacancies existing in the various ranks and categories.

6. All applications for appointment in, transfer to, or enlistment in the WRANSR are to be forwarded to the Director of Naval Reserves, Navy Office, Canberra, ACT 2600.

**Period of Enlistment**

7. The period of enlistment will be for five years with the option of re-enlistment for further periods of two years.

**Rank on Transfer or Enlistment**

8. The rank of an officer on transfer will be the substantive rank held in the WRANS and with such seniority as the Naval Board may decide. This will normally be the same as that previously held.

9. Wrans will be enlisted in the rank last held in the WRANS that was not held temporarily.

**Promotion**

10. Promotion in the WRANSR is currently being investigated and rules will be promulgated separately.

**Good Conduct Badges**

11. Members are entitled to wear those goods conduct badges awarded to them for previous WRANS service which had been completed within five years of enlistment in the WRANSR. Service in the WRANSR does not count towards the award of good conduct badges except continuous full time service rendered in a time of war or in a time of defence emergency.

**Long Service and Good Conduct Medal**

12. Members are entitled to wear long service and good conduct medals which have been awarded to them for previous service in the WRANS. Service in the WRANSR does not count towards the award of this medal.

**C—ELIGIBILITY**

13. Applicants who satisfy the following conditions may be transferred to or enlisted in the WRANSR:

- a. *Previous Naval Service*

Must have had at least twelve months satisfactory service in the WRANS and must have reached a standard of training and efficiency that would enable her to fill a vacancy in the WRANS. Officers must have completed 12 months service as an officer.



b. *Age*

Must not have attained the age of 45 years.

c. *Rank*

Held immediately before discharge a rank not lower than wran.

d. *Medical*

Applicants are to be medically examined in accordance with the medical standards and examination practice laid down for members of the WRANS. This may be completed by a Commonwealth Medical Officer where a Naval Medical Officer is not available. Applicants who have been discharged from the PNF on non-medical grounds during the preceding six months may be exempted the medical examination.

## D—OBLIGATIONS

14. Members of the WRANSR have the following general obligations:

a. *Call Out for Continuous Full Time Naval Service*

The Governor-General may, by proclamation, in a time of war or time of defence emergency, call out all or part of the WRANSR for continuous full time naval service.

b. *Notification of Change of Address or Employment*

A member not employed on continuous full time service who changes her place of residence or place of employment is to notify the Director of Naval Reserves in writing of her new address or employment within seven days of such change.

c. *Travel Abroad*

Any member who intends to travel outside the Commonwealth of Australia is to apply to the Director of Naval Reserves for leave of absence.

Members are not obliged to render annual naval service.

## E—PROTECTION OF CIVIL EMPLOYMENT

15. Provision is made in the Defence (Re-establishment) Act to protect a member from adverse treatment by her employer because of her service obligation. The employer is required:

- a. Not to hinder or prevent a member joining or serving with the WRANSR;
- b. Not to penalise or prejudice her in her employment, whether by reducing her salary or wages, or dismissing her;
- c. Not to terminate the employment contracts of a member by reason of her absence on obligatory naval service; and
- d. To permit the member to resume her former employment should she so desire.

16. The Defence (Re-establishment) Act also provides that periods of service while called out do not break the continuity of civilian employment for the purposes of calculating annual leave, sick leave, long service leave, superannuation or pension. The employer is not liable to pay the member during her absence on naval service.

17. These provisions do not apply in respect of a period of naval service for which a member has volunteered to serve.

## F—NAVAL SERVICE

**Voluntary Naval Service**

18. Members may, in response to a call for volunteers, volunteer to carry out short periods of naval service. Payment for this service will be at the 'On promotion' rate, Group I, for Leading and Able ranks, and the 'On promotion' rate, Group III, for Chief Petty Officer and Petty Officer ranks. Such payments are not taxable.

**Voluntary Continuous Full Time Naval Service**

19. A member may, in response to a call for volunteers, voluntarily undertake to render continuous full time naval service. Arrangements for members to undergo naval service will be made by the Director of Naval Reserves.

20. The initial period of continuous full time service will be for a period of not less than 30 days.

21. Extensions may be approved depending on service requirements.

22. If an undertaking to serve full time is accepted by a member she is bound, under Section 32A of the Naval Defence Act to render that form of service for that specified period, during which time she will be subject to the same conditions of service as a member of the WRANS except as otherwise set out in this Navy Order.

23. Pay and allowances in this case will be at the prescribed rates for group and rank and are subject to taxation.

**Call Out for Continuous Full Time Naval Service**

24. All or any specified part of the WRANSR may be called out for continuous full time service with the PNF by proclamation when the Governor-General has proclaimed a time of war or time of defence emergency. A member called out for continuous service under these conditions is liable for service until released.

**Method of Call Out**

25. Every effort will be made to give members as much notice of call out as possible; however, short notice may have to be accepted. General notification may be made by press, radio and television. Personal notification in writing will also be made.

26. The notice of call out will be deemed to have been served on a member if it is given to her personally, or is sent to her by registered or certified mail addressed to the last known address of the member. Under the Defence Act a member who fails to report within seven days of the date ordered is deemed to be a deserter and is liable to be tried and punished accordingly.

27. Members called out for continuous service are to report;

- a. In uniform, if possessed;
- b. ready for duty; and
- c. on the date and at the time and place designated in the notification of call out.

## G—MEDICAL

28. Members reporting for naval service are to be medically examined to ensure fitness for such service; the result is to be recorded on Form AM 209Z (PM 127). Should a Medical Officer not be borne, however, a notation should be made on Form AS 206 (PP 101 or PP 103) (Report on Reserve and CNF Sailors borne for continuous training or service), eg not medically examined—no Medical Officer borne.

29. If a members medical fitness is in doubt she is to be medically surveyed immediately if this is possible, and the finding forwarded to Navy Office by signal. A member found medically unfit for immediate service is to be discharged to shore forthwith and Navy Office informed by signal.

30. A member requiring treatment to restore her to the required standard of fitness is to undergo remedial treatment at her own expense. She is responsible for providing, within one month, doctors' or dentists' certificates to the effect that the necessary treatment has been satisfactorily completed. If this is not done the member will be discharged from the WRANSR.

31. Medical treatment and urgent dental treatment may be provided for members during periods of naval service.

#### Compensation for Injury or Illness

32. Injury or illness occurring during, or as a result of, naval service may entitle the member to claim compensation under the Commonwealth Employees Compensation Act or such other comparable Act which may be applicable, eg Repatriation Act. This matter is being reviewed and further details will be published when known.

### H—FINANCIAL

#### Voluntary Continuous Full Time Service—DFRB

33. A member who is accepted for full time continuous service of twelve months or more is required under the DFRB Act to contribute to the DFRB fund according to age, rank and category. Gratuity is only payable in respect of completed years of service for pension.

#### Pay and Allowances

34. The following will apply in respect of pay and allowances:

##### a. Pay

A member is to be paid in accordance with Paragraph 18 during periods of naval service other than continuous full time service, and as if she were a member of the WRANS in accordance with Paragraph 23 during continuous full time service.

##### b. Other Allowances

- (1) Good conduct badge pay is not payable during naval service other than continuous full time naval service;
- (2) During periods of continuous full time naval service, all allowances except uniform allowance are payable in accordance with NPI 259.

##### c. Taxation

No charges are to be made for taxation purposes during short periods of voluntary naval service in accordance with Paragraph 18. During periods of continuous full time service, taxation is to be charged under normal rules applicable to members of the WRANS.

35. During periods of naval service of 28 days or less a finance authority will be issued by the Director of Naval Reserves. This will be promulgated in the 'Remarks' column of the appropriate Posting Note in the case of wrans, and by letter in the case of officers.

### I—DISCHARGE

36. An officer may tender her resignation at any time, but unless and until it is accepted by the Governor-General, it is not effective. The provisions of RI Article 0347 (1) to (8) apply. The Naval Board will not, as a rule, recommend acceptance of the resignation of an officer who is rendering continuous full time service.

37. The appointment of an officer may be terminated by reason of:

- a. medical unfitness;
- b. a change in domestic circumstances, employment, etc, which prevents her from rendering continuous full time naval service when required;
- c. unemployability (no longer fully trained owing to lapse of time since she last rendered naval service).

38. A wran may claim her discharge prior to the completion of an engagement by giving three months notice in writing to the Director of Naval Reserves, except when:

- a. Called out for, or during continuous full time naval service when a time of war, a time of defence emergency has been proclaimed; or
- b. Rendering full time naval service in the PNF for an agreed period in accordance with Paragraphs 19 to 23.

39. Discharge may be effected for the following reasons:

- a. Retrenchment;
- b. Service No Longer Required;
- c. Absence without leave exceeding three months;
- d. False or misleading statement on enlistment;
- e. On appointment as an officer.

40. The retiring age for officers and wrans is 50 years.

### J—ADMINISTRATIVE ASPECTS

#### Certificate of Service

41. A wrans certificate of service is retained by the member and when reporting for naval service she is to bring it with her. Pages 2 and 4 are to be completed and the certificate returned to the wrans on her last day of naval service. Next-of-kin details should be checked and updated.

#### Medical History Documents

42. Medical history documents are held by the Medical Director-General. On each occasion of being posted for a period of naval service MDG will forward the members MHDs to the establishment concerned. On completion of the naval service these documents are to be returned to MDG.

#### Travel and Discharge

43. Travel warrants and joining instructions will be issued to members by the Director of Naval Reserves. In cases where approval is given to a member to use private transport, no risk will be accepted by the Commonwealth in respect of any damage to the vehicle being used for such purpose.

44. It is important to ensure that members borne for naval service are not discharged before the last day of naval service. Those required to travel long distances may be discharged on the last day as necessary to meet travel arrangements; other members should not be discharged before noon on that day.

**Reports**

45. The following forms are to be forwarded to the Director of Naval Reserves as early as practicable on completion of naval service:

- a. Form PP 103 (Report of training performed) or PP 101 as appropriate;
- b. PH 104 (next-of-kin details);
- c. FA 119 (certified copy).

**Pay and Personal Numbers**

46. Pay and personal numbers will be issued by the Director of Naval Reserves. Members will retain these numbers during their service in the WRANSR. Numbers for WRANSR officers and wrans will be prefixed by the Letter 'K'.

**Identity Cards**

47. A member is to be given a Naval Identity Card on the first occasion of reporting for naval service. This card is to be defaced with the letters 'WRANSR' written in red ink or by red ball point pen diagonally across the card.

**Leave**

48. During periods of continuous full time service in excess of one month members may be granted seasonal leave on the same scales as apply to the WRANS. Leave must be taken within the approved period of naval service.

**K—UNIFORM****Scales and Conditions of Issue—to be issued**

(D of R 465/8/86)

**Section 2****PERSONNEL****UNCLASSIFIED****706—Captains Special Rate of Pay**

1. The Naval Board have decided that from 1 January, 1969, the permanent grant of the special rate of pay for Captains, which is at present based solely on seniority under the provisions of NPI 15/1, will be by selection.

2. All Captains of four years seniority and above will be eligible for selection. Forms AS 206 (PP 101) are to be rendered on all Captains of 3½ years seniority and above who have not been permanently granted the special rate of pay, so as to reach the Chief of Naval Staff by 1 January each year. Reporting Authorities are to include Form AS 596 (PP 109) showing a single order of merit for Captains of all specialisations and branches under their command.

3. Although the order of merit of eligible Captains will be decided early in each year, only 25 per cent of confirmed Captains may be granted a special rate of pay, so that selected Captains will only be granted a special rate of pay as vacancies occur.

4. This order will be incorporated in RI, and NPI will be amended.

(HPB 252/2/49)

**UNCLASSIFIED****707—Defence Forces Retirement Benefits Act 1948-1968—Section 42A—Payment of Gratuities to Sailors After Three and Six Years Service for Pension**

1. A sailor of the Royal Australian Navy who, on or subsequent to 19 July 1968, has completed a period of service for pension of three years or more but less than six years and, without having ceased to be on continuous full time service for pension, is serving under an engagement for a period of at least six years, is eligible, in accordance with the provisions of Section 42A of the Defence Forces Retirement Benefits Act, to receive an advance payment of \$200 against his ultimate retirement benefit, ie, refund of contributions and gratuity, or pension, as appropriate.

2. A sailor of the Royal Australian Navy who, subsequent to 14 December 1959, has completed a period of service for pension of six years or more and, without having ceased to be on continuous full time service since the commencement of that period of service for pension, is serving under an engagement for a period of at least twelve years after the commencement of that period of service for pension, is eligible, in accordance with Section 42A of the Defence Forces Retirement Benefits Act, 1948-1968, to receive an advance payment of \$800, less any amount of payment received under the provisions of Paragraph 1, against his ultimate retirement benefit, ie, refund of contributions and gratuity, or pension, as appropriate.

3. If the amount of contributions made to the fund plus the amount of gratuity which would have been payable if he had been discharged other than on medical grounds does not exceed the appropriate amounts in Paragraphs 1 and 2, the amount payable will be the sum of the contributions and the gratuity due at the time.

4. It should be noted that for the purposes of this section of the Defence Forces Retirement Benefits Act 'Service for Pension' (other than that prescribed for a National Serviceman under Sub-section 2 of Section Four AA of this Act) includes all service from the date of entry, but does not include non-effective service, ie, any period of service of the member exceeding twenty one consecutive days during which the member was:

- a. on leave of absence without pay;
- b. absent without leave;
- c. awaiting or undergoing trial on a charge in respect of an offence of which he was later convicted; or
- d. undergoing field punishment, detention or imprisonment.

5. Members, to whom Paragraph 1 and 2 refer, on becoming eligible for this advance payment, should lodge either an application for payment of this benefit (Treasury Form 9B) or alternatively an election not to receive payment (Treasury Form 112).

6. Forms 9B and 112 will be forwarded by the Director of Navy Accounts to ships in which eligible personnel are serving, up to one month before completion of the qualifying period. Where the forms are not received, application should be made to the Director of Navy Accounts forthwith.

7. Payment of gratuities under this section are taxable in full and the amount of taxation deductions will be assessed as follows:

- a. \$200, twenty-six times the difference between the normal tax on the fortnightly taxable income and the assessed tax on the fortnightly taxable income plus \$7.69;
- b. \$600, twenty-six times the difference between the normal tax on the fortnightly taxable income and the assessed tax on the fortnightly taxable income plus \$23.08;
- c. \$800, twenty-six times the difference between the normal tax on the fortnightly taxable income and the assessed tax on the fortnightly income plus \$30.77.

8. A taxation group certificate will be issued by the Defence Forces Retirement Benefits Board in respect of a payment made under Section 42A of the Act. The certificate will also indicate the amount deducted for income tax purposes.

9. If a member has already received payment of \$600 advance prior to 19 July 1968, there is no variation in that entitlement, that is, the member does not become entitled to payment of a further \$200 by virtue of the amendment. Similarly, if a member has an entitlement to \$600 prior to 19 July 1968, the entitlement is not increased to \$800.

10. This section does not apply to members of the Womens Royal Australian Naval Service.

11. This order will be reprinted for posting on notice boards.

12. Navy Order 482 of 1965 is hereby cancelled.

(HPB 263/1/28)

(Navy Order 482 of 1965)

## UNCLASSIFIED

### 708—Sailors—SAR Divers—Selection, Training and Employment

1. Search and Rescue Divers were introduced in order to maximise the chances of recovering personnel from the sea, eg, ditched aircrew. Search and Rescue Divers can be expected to jump from a helicopter into any sea state in which a helicopter recovery can be effected.

#### Employment

2. A SAR Diver will assist in the rescue of a survivor, whether in or out of an aircraft, who is unconscious, injured or foul of wreckage or parachute harness at or near the surface. He cannot be expected to remain in contact with or carry out a task on a rapidly sinking aircraft.

3. SAR Divers will be allowed to 723 Squadron in sufficient numbers to permit two sailors to be available at all times. 817 Squadron will be allowed 4 SAR Divers. When not employed or standing by for SAR duties, these sailors will be employed in maintenance appropriate to their category. As SAR Divers will be fully occupied on SAR duties or maintenance, they are to be used as part of a ships diving team in periods of operational necessity only.

#### Application for Course

4. Volunteers from Able and Leading Ranks in all Fleet Air Arm categories except PHOT and MET including qualified ships divers are required for training. Although sailors may volunteer for training at any time, normally they will not be selected and posted for training until they have completed six months at sea in the Able Rank or Able Rank Second Class. General Service Ordinary Seamen who have already qualified as ships divers may volunteer for transfer to the Fleet Air Arm in order to qualify as SAR Divers. Selection will depend on overall manning requirements. Applications accompanied by service documents and certificate of medical fitness are to be forwarded to the Naval Board.

#### Eligibility

5. Volunteers must possess the following qualifications before being selected for training:

- a. a recommendation by the Captain;
- b. be under 26 years of age on commencement of course;

- c. medical category B1;
- d. medically fit for ships diver training in accordance with ABR 155;
- e. PST; and
- f. have not less than twelve months to serve on completion of course.

#### Training

6. Selected sailors will be given the following training to fit them for their duties:

- a. three weeks ships diver course at HMAS PENGUIN (if not already qualified ships divers);
- b. 4 weeks basic and advanced training at HMAS ALBATROSS in accordance with ABR 27 Volume 2 Article 1519.

#### Badges

7. On successful completion of course, sailors will be awarded the Sailor Aircrew Badge to be worn in accordance with the Uniform Regulations. The appropriate rank and category badges are also to be worn.

8. SAR Divers will normally continue to wear the Sailor Aircrew Badge for the remainder of their service as sailors. If the holder is removed permanently from flying duties for disciplinary reasons or other reasons within his control, the badge may be withdrawn by the Naval Board.

#### Allowances

9. In addition to active pay and allowances appropriate to their rank and category the following continuous rates of allowances will be paid to qualified SAR Divers, whilst posted for SAR duties:

- a. Special Allowance . . . . . 75 cents per day
- b. Supplementary Flying Pay (Subject to NPI 119A/1) . . . 15 cents per day

The Special Allowance is not payable in addition to Diving Pay payable in accordance with NPI 117, as the latter is absorbed in this Special Allowance.

10. The above allowances are not payable to sailors under training but in the event of accident whilst under training compensation is payable under conditions similar to those provided by the Air Accident (Commonwealth Liability) Act, 1963.

#### Cessation or Suspension of Special Allowance

11. The special allowance pay will cease or be suspended, as the case may be, under the following conditions:

- a. Personnel who become medically unfit to carry out the duties for which the allowance is being paid:
  - (1) For reasons beyond their own control—as from 91 days from the date on which they were first checked sick or until such time as certified as permanently unfit for further flying, whichever is the earlier.
  - (2) For reasons within their own control—as from the date on which they were first checked sick. In any cases of doubt, payment should be suspended and the case referred to Navy Office for decision.
- b. Personnel who fail to keep in Regular Flying Practice:
  - (1) A SAR Diver will cease to be qualified and eligible for the allowance if, for Service reasons, he has not fulfilled the requirement to carry out ten jumps per month for a period of 6 months. (A member would be required to again re-qualify before the allowance would be payable—see Sub-paragraph (3) below).

- (2) Where, for reasons other than Service exigencies or as otherwise provided, a SAR Diver fails to carry out jumping practice in respect of any month, or for any other reason—including disciplinary reasons—his qualifications lapse, the allowance will cease to be payable.
- (3) Following discontinuance of the allowance under (1) or (2) above and where permitted to seek re-qualification, a member may be required to undertake and graduate from a course of diving training appropriate to the diving qualification sought.
- c. Personnel no longer required for SAR Divers—As from the date on which posted for non-SAR Diver duties. Normally a SAR Diver will not be required for flying duties after promotion to Petty Officer.

#### Continuation Training

12. In order to maintain their efficiency, and retain their SAR Diver qualification, each SAR Diver is to carry out ten jumps per month. These practices are to be spread over at least two sessions which are to take place a minimum of a week apart.

#### Relinquishment and Withdrawal of SAR Diver Qualification

13. A sailor who fails to maintain a proper standard of efficiency in flying duties subsequent to qualification may have his SAR Diver qualification withdrawn by the Naval Board on the application of the Captain. A SAR Diver may be temporarily suspended from flying duties by the Captain pending approval for the removal of SAR Diver qualification. A sailor whose SAR Diver qualification is withdrawn will be employed in normal maintenance duties.

14. Applications for removal of the SAR Diver qualification should also recommend whether the ships diver qualification should be removed or retained. Although the ships diver qualification may be retained in accordance with current regulations when the SAR Diver qualification is removed, it is emphasised that removal of the ships diver qualification (in accordance with normal diving requirements) automatically removes the SAR Diver qualification.

15. Navy Order 144 of 1967 is hereby cancelled.

(DMT 303/221/77)

(Navy Order 144 of 1967)

### Section 3

#### OPERATIONAL AND TRAINING

RESTRICTED

#### 709—Common Sea Training

1. The Naval Board have reviewed the arrangement whereby Ordinary Seamen of the Fleet Air Arm, Communications and Supply and Secretariat (except Writer) branches have been posted direct to Able Rank courses without having carried out Common Sea Training (Navy Order 145 of 1968 refers).

2. Because of an improvement in the availability of sea training billets, it has been decided that all sailors who complete Recruit training after 1 May 1969, will be posted to sea billets to complete Common Sea Training.

3. In order to meet the additional sea training requirement, an increased training effort will be required in HMA ships. The following table shows the expected number of groups of Ordinary Seamen planned to join HMA ships for training during 1969.

HMAS MELBOURNE	..	..	2
HMAS PERTH	..	..	1
HMAS HOBART	..	..	1
HMAS BRISBANE	..	..	1
HMAS VAMPIRE	..	..	1
HMAS VENDETTA	..	..	1
HMAS DUCHESS	..	..	2
HMAS YARRA	..	..	1
HMAS PARRAMATTA	..	..	1
HMAS STUART	..	..	1
HMAS DERWENT	..	..	1
HMAS SUPPLY	..	..	2
HMAS STALWART	..	..	2
HMAS MORESBY	..	..	2
HMAS DIAMANTINA	..	..	2
HMAS SYDNEY	..	..	2 (Approximately 200 joining in July 1969).
HMAS ANZAC	..	..	2 (An extra 40 to be trained when midshipmen not borne).
HMAS QUEENBOROUGH	..	..	2

This table is based on planned ships programmes and is subject to change. Further, details will be shown in the 'Common sea Training Plan—1969' which will be issued in due course.

(DMT 303/221/66)

(Navy Order 145 of 1968)

### Section 4

#### EQUIPMENT, STORES AND SERVICING

UNCLASSIFIED

#### 710—Alteration and Addition Item—HMAS KIMBLA

The following Alteration and Addition Item is approved to be carried out in HMAS KIMBLA:

*Class List Item No 150 (Ex TDL 'AG')*

- a. Item:
- (1) To remove all exhaust ventilation (excluding canopy) from the electrical workshop and battery charging compartment and make upper deck good.
  - (2) To seal the end of the supply trunking and fit an additional punkah louvre in the above compartment.
  - (3) To fit a 4 in x 4 in lead of exhaust trunking from the existing 7½ in exhaust fan in the steering gear compartment to the canopy over the battery charging area.
  - (4) Internal surfaces of trunking and the fan impeller to be coated with an acid resistant composition.

- b. No weight compensation is required but actual weight variations are to be reported on completion of the item.
- c. *Reference:* HMAS KIMBLAs Form AS 1182 (TM 168) TDL 'AG' dated 14 September 1967 forwarded under cover of FOCAF Memorandum AF 1212/32/5 dated 1 November 1967.

(CNTS 1232/51/81)

## UNCLASSIFIED

**711—Alteration and Addition Item—HMAS MELBOURNE.**

The following Alteration and Addition Item is approved to be carried out in HMAS MELBOURNE:

*Class List Item No 230 (Ex TDL 'NMCA').*

- a. *Item:* 'To fit clino planes to the mirror deck landing aid'.
- b. Weight compensation is not required for the item.
- c. *References:* (1) GMGID Form AS 2022 (TM 179) Serial No GI W2/67, dated 14 April 1967.  
(2) Navy Office Letter 1426/6/351 dated 27 July 1967.  
(3) GMGID Memorandum DN20/14/557 dated 11 June 1968.

(CNTS 1426/6/351)

## UNCLASSIFIED

**712—Lifting Appliances—Ropes—Examination**

1. An accident occurred involving the lifting rope of the 5 ton auxiliary hoist of a 20 ton electric crane. The rope failed in service due to rusting of the wire, and perishing of the splice serving inside the ponder-ball.
2. Where the hoisting ropes of lifting appliances are enclosed for any part of their length by a ponder-ball, guard or similar covering, this covering is to be removed on each occasion that an examination of the rope is carried out, in order that the whole length of the rope may be exposed for inspection and preserved as necessary.
3. Navy Order 433 of 1965 is hereby cancelled.

(ACDC 177/51/31)

*(Navy Order 433 of 1965)*

## UNCLASSIFIED

**713—Minesweepers—Ton Class—Replacement of Nickel—Aluminium Bronze Fastenings**

1. Nickel-aluminium-bronze hull fastenings in Ton Class Minesweepers, when defective, are to be replaced with fastenings of aluminium bronze to specification Dgs 8452.
2. In some cases steel washers have been used. These also should be replaced by aluminium bronze.

3. The exception to the above is for the non-magnetic fastenings in the bridge deck in way of the compass, where nickel-aluminium-bronze may still be used while existing stocks last.

4. Navy Order 402 of 1965 is hereby cancelled.

(ACDC 1227/51/177)

*(Navy Order 402 of 1965)*

## UNCLASSIFIED

**714—Naval Stores (General)—Burnishers, Contact, Hand, for use in HMA Ships and Establishments**

1. The following items have been introduced for use in the maintenance of Electrical and Electronic Equipment, primarily relay contacts:

<i>Group Class</i>	<i>Catalogue Number</i>	<i>Description</i>	<i>Acctg Classn</i>
5120	66-029-3779	Burnisher, Contact, Hand, Diacrom Spatular, Size 2	C
5120	66-029-3780	Burnisher, Contact, Hand, Diacrom Spatular, Size 3	C

2. Allowances of the above items are as follows:

<i>HMA Ship or Establishment</i>	<i>Size 2</i>	<i>Size 3</i>
Support Aircraft Carrier	1	2
Transport	1	2
Fleet Tanker	1	2
Destroyer Tender	1	2
Guided Missile Destroyer	1	2
Destroyer	1	2
Escort Ship	1	2
Surveying Ship	1	2
TARANGAU	1	2
MELVILLE (for DNRS)	1	2
HARMAN	2	4
WATSON	1	2
CERBERUS	1	2
ALBATROSS	1	2
NIRIMBA	1	2
Fleet Maintenance Units 1 and 2	1 each	2 each

(DSAP 519/72/216)

## UNCLASSIFIED

**715—Naval Stores (General)—DSN 5110-66-026-5286—Cutter, Steel Strapping—Introduction and Allowances**

1. As a result of successful evaluation trials it has been decided to introduce the following item into service:

<i>Group Class</i>	<i>Catalogue Number</i>	<i>Description</i>	<i>Acctg Classn</i>
5110	66-026-5286	Cutter, steel strapping; 1¼ in wide by 16 SWG, with two restraining devices	Permanent

## RESTRICTED

716

20

2. This band cutter is a simple but effective tool for cutting all types of hoop banding up to a maximum size of  $1\frac{1}{4}$  in wide by 16 gauge thick. The cutting is accomplished by a guillotine action whilst rubber blocks on either side of the blade grip the band and prevent it from flying apart when cut.

3. Initial allowances are as follows:

<i>HMA Ship</i>	<i>Qty Allowed</i>	<i>HMA Establishment</i>	<i>Qty Allowed</i>
HMAS MELBOURNE ..	1 No	CERBERUS .. ..	1 No
HMAS SYDNEY ..	1 No	TARANGAU .. ..	1 No
HMAS SUPPLY ..	1 No	LEEUWIN .. ..	1 No
HMAS STALWART ..	1 No	WATERHEN .. ..	1 No

4. Supply will be effected without demand by the SNSO Sydney when stocks are available.

5. Form AS 130 (SA 242) action should be initiated by other services where it is considered, having regard to the volume of hand strapped stores received, an allowance is justified.

(DSAP 506/71/825)

## UNCLASSIFIED

### 716—Safety—Fitting of Temporary Guard Rails on HMA Ships— Precautions

1. During a dockyard refit of one of HM aircraft carriers, a fatal accident occurred to a dockyard employee when a temporary guard rail, against which he leant, gave way.

2. This temporary guard rail which was not specially made for the purpose, was formed from a length of wire doubled on itself and secured by shackles and bottle screws at both ends.

3. To prevent any recurrence of this sort of accident, the following precautionary measures should be adopted when fitting temporary guard rails formed in the above manner:

- a. A bottle screw and slip should be fitted at one end of a wire only; the other end of the wire should be shackled direct to its stanchion;
- b. the length of wire should permit at least half the length of the male screw to extend into the cavity of the bottle when the wire is taut;
- c. the ends of the male screws, when used for guard rails, should, if not modified as in Paragraph 4, be spot welded at the ends of the thread to prevent disengagement of the male screw.

#### New manufacture

4. The end of the male screw should be fitted with a washer secured with a  $\frac{1}{8}$  in steel split pin to prevent disengagement from the female section. The split pin should be opened sufficient to prevent any possibility of it being knocked out accidentally or being easily removed.

5. BR 2101, Management Regulations, has been amended by MOD (Navy).

6. Navy Orders 720 of 1965, 167 and 432 of 1966 are hereby cancelled.

(CONS 1211/51/525)

(Navy Orders 720 of 1965, 167 and 432 of 1966)

By Authority: A. J. ARTHUR, Commonwealth Government Printer, Canberra

## RESTRICTED



# AUSTRALIAN NAVY ORDER

Navy Office, Canberra,  
14 November 1968

The enclosed order is promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers in  
Charge of HMA Naval Establishments, and others  
concerned.*

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## Section 5

## BOOKS, CORRESPONDENCE, FORMS AND STATIONERY

## UNCLASSIFIED

## 717—Distribution of Magazines, Pamphlets and Amendments to Publications, Etc, During August 1968

1. The magazines, pamphlets and amendments to publications etc, and SC Series contained in the Annex to this order have been distributed to ships and Services during August 1968.

2. Copies of amendment referred to in the Annex to this order are available for supply to holders of personal copies of Books of Reference and Air Publications in accordance with Article 2517 (6) of ABR 4.

## ANNEX

## BR AMENDMENTS

BR No	Amendment No
NZBR 32	.. .. Amendment 9
NZBR 32	.. .. Amendment 10
BR 70	.. .. Cumulative Supp—corrected to 13.12.67
BR 70	.. .. Cumulative Supp—corrected to 30.4.68
BR 217 (3A)	.. .. Change 3
BR 217 (3B)	.. .. Change 5
BR 217 (3C)	.. .. Change 2
BR 217 (3C)	.. .. Change 5
BR 217 (3C)	.. .. Change 6
BR 217 (3D)	.. .. Change 4
BR 217 (3E)	.. .. Change 2
BR 217 (3G)	.. .. Change 4
BR 217 (3G)	.. .. Change 5
BR 226B (68)	.. .. Change AN3
BR 226 (D14)	.. .. Change AN5
BR 268 (57)	.. .. Change 2
BR 301	.. .. Change 3
BR 333 (4)	.. .. Change 1
BR 825 (8) C	.. .. Change 3
BR 994	.. .. Change 10
BR 996	.. .. Change 3
BR 1040	.. .. Errata to change 4
BR 1040	.. .. Change 5
DWB 1048	.. .. Amendment 3
BR 1057	.. .. Change 6
BR 1140	.. .. Change 1
BR 1156	.. .. Change 8
BR 1156	.. .. Change 9
BR 1173 (1B)	.. .. Change 4
BR 1173 (2B)	.. .. Change 2
BR 1194	.. .. Change 4
BR 1332 (15)	.. .. Change 6
BR 1613	.. .. Change 2
BR 1644 (2) E	.. .. Change 3
BR 1644 (2) E	.. .. Change 4
BR 1653	.. .. Change 19
BR 1671 (2)	.. .. Change 2

## BR AMENDMENTS—continued

BR No	Amendment No
BR 1671 (2)	.. .. Change 4
BR 1705 (4)	.. .. Change 2
BR 1709 (2)	.. .. Change 1
BR 1750	.. .. Amendment List 12
BR 1750A	.. .. Change 6
BR 1754	.. .. Change 5
BR 1754	.. .. Change 6
BR 1754	.. .. Change 7
BR 1771 (47)	.. .. Change 1
BR 1771 (54)	.. .. Change 2
BR 1771 (55) B	.. .. Change 1
BR 1837 (1)	.. .. RNBAS Part 6 Change 85
ABR 1921	.. .. Amendment 1
BR 2014B	.. .. Change 7
BR 2014B	.. .. Change 8
BR 2014C	.. .. Change 1
BR 2097 (D)	.. .. Change 2
BR 2097 (D)	.. .. Change 3
BR 2112 (5)	.. .. Change 5
BR 2112 (5)	.. .. Change 8
BR 2112 (5)	.. .. Change 9
BR 2130 (3C)	.. .. { Defect Acquaint.
BR 2139 (3D)	.. .. { Serial No 1353C/67 dated 15 January 1968.
BR 2111 (3)	.. .. Change 2
BR 2125 (10)	.. .. Change 3
BR 2169	.. .. Change 5
BR 2215 VO/2	.. .. Change 2
BR 2215 VO/2	.. .. Change 3
BR 2215 VO/2	.. .. Change 4
BR 2247 (2)	.. .. Change 5
BR 2297 (4)	.. .. Change 6
BR 2329	.. .. Change 4
BR 2500 (1)	.. .. Amendment 17
BR 2509 (4)	.. .. Change 2
BR 2541 (1)	.. .. Change 7
BR 2541 (2)	.. .. Change 7
BR 3002 (1)	.. .. Change 11
BR 3002 (1)	.. .. Change 15
BR 3317 (1)	.. .. Change 1
BR 3317 (1)	.. .. Change 3
BR 3334	.. .. Change 1
BR 3412	.. .. Change 1
BR 3601	.. .. Change 52
BR 3601	.. .. Change 53
BR 4015	.. .. Change 1
ABR 5020	.. .. Change 7
ABR 5070	.. .. Change 3
ABR 5074 DDG	.. .. Group 2090 CH1
ABR 5074 DDG	.. .. Group 7195 CH1
ABR 5074 DDG	.. .. Group 7210 CH1
ABR 5074 DDG	.. .. Group 7220 CH1
ABR 5074 DDG	.. .. Group 8305 CH1

## BR AMENDMENTS—continued

BR No	Amendment No
ABR 5074 Naval Stores..	Group 0211 CH1
ABR 5074 Naval Stores..	Group 0212 CH1
ABR 5074 Naval Stores..	Group 0214 CH1
ABR 5074 Naval Stores..	Group 0257 CH1
ABR 5074 Naval Stores..	Group 0264 CH1
ABR 5074 Naval Stores..	Group 0266 CH1
ABR 5074 Naval Stores..	Group 0274 CH1
ABR 5074 Naval Stores..	Group 0277 CH1
ABR 5074 Naval Stores..	Group 0310 CH1
ABR 5074 Naval Stores..	Group 0330 CH1
ABR 5074 Naval Stores..	Group 0421 CH1
ABR 5074 Naval Stores..	Group 0422 CH1
ABR 5074 Naval Stores..	Group 0423 CH1
ABR 5074 Naval Stores..	Group 0451 CH1
ABR 5074 Victualling ..	Group V4 Change No 1
MBR 8001 .. ..	Issue 29
MBR 8020 .. ..	Amendment dated Aug 67
MBR 8074 .. ..	Supp No 6 June 68
MBR 8142 .. ..	British Suppt No 1 Change 3
MBR 8142 .. ..	British Suppt 2 Change 5
MBR 8143 .. ..	Change 2
MBR 8150 .. ..	Change 4
Far East Fleet General Orders ..	Amendment 28 June 1967
Far East Fleet General Orders ..	Amendment 30 August 1967
Far East Fleet General Orders ..	Amendment 31 September 1967
Far East Fleet General Orders ..	Amendment 32 November 1967

## SIGNAL CORRECTION

ACP No	SC No	Correction No
ACP 117 .. ..	20/67	{ Correction 25/1 ACP 117B Correction 7/1 ACP 117C
ACP 127C .. ..	16/67	Correction 3/3

## USA PUBLICATIONS—CHANGES

Publication No	Change No
OP 1764 VOL 4 .. ..	Change 5 dated 15.2.68
OP 2579 (PMS/SMS) VOL 2 .. ..	Advance Change Notice 2 15.5.68
OP 2579 (PMS/SMS) VOL 4 .. ..	Advance Change Notice 1 15.5.68
OP 2579 (PMS/SMS) VOL 4 .. ..	Advance Change Notice 4-2 1.5.68
OP 2580 (PMS/SMS) VOL 5 .. ..	Change 4 1.2.68
OP 2585 (PMS/SMS) VOL 3 PART 3 .. ..	Advance Change Notice 1-1 1.7.68
OP 2585 (PMS/SMS) VOL 4 .. ..	Advance Change Notice 2-2 June 1968
OP 2665 VOL 1 .. ..	Change 5 1.4.68
OP 2665 VOL 2 .. ..	Change 8 1.4.68
OP 2665 VOL 3 .. ..	Change 5 1.4.68
OP 2665 VOL 3 .. ..	Change 6 15.4.68
OP 3010 (IMP) VOL 4 .. ..	Change 25 1.4.68
OP 3010 (IMP) VOL 5 .. ..	Change 22 1.4.68
OP 3062 .. ..	Change 2 1.3.67
OP 3062 .. ..	Change 3 1.5.68
OP 3177 .. ..	Change 5 Supp 1.4.68

## BOOKS, MAGAZINES AND PAMPHLETS

Publication	Date
Aeroplane .. ..	5.6.68
Aeroplane .. ..	12.6.68
Aeroplane .. ..	19.6.68
Aeroplane .. ..	26.6.68
Aircraft .. ..	July 1968
Civil Defence Information Bulletin ..	No 191 26.3.68
Civil Defence Information Bulletin ..	No 193 12.4.68
Electrical Design News .. ..	Vol 13 No 5 May 1968
Electrical Design News .. ..	10.6.68
Electrical Design News .. ..	24.6.68
Flight .. ..	6.6.68
Flight .. ..	13.6.68
Flight .. ..	20.6.68
Flight .. ..	27.6.68
HMSO List of Government Publications ..	April 1968
NAMAN VOL 23 .. ..	31.5.68

## AMENDMENTS TO AIR PUBLICATIONS

AP No	AL or Leaflet
105B-1402-16 .. ..	AL 1, 2 and 3
107D-0502-1 .. ..	AL 1 and 2
113 Book 1 (12th Edition) .. ..	AL 1 and 2
1182 (N) Vol 2 .. ..	Leaflet AL 227-(G47)
1182E (N) Vol 1 .. ..	AIL 6/68
1275A Vol 1 Sect 21 .. ..	AL 75
1275G Vol 2 Part 1 .. ..	AL 213-(C41) AL 214-(K22) to (Alt 1)
1602 (Air Almanac) .. ..	September-December/1968
1661F Vol 1 .. ..	AL 175
2528P Vol 2 .. ..	Errata
2876E Vol 2 .. ..	Leaflet AL 27-(B 15) Alt 3
4343D Vol 3 Part 1 (N) .. ..	AL 27
4343D (N) Vol 5 Part 6 Issue 1 .. ..	AL 10
4343S Vol 1 Book 2 .. ..	AL 164
4602A Vol 1 .. ..	AL 40
(RAN) 8 Vol 1 Book 1 .. ..	AL 123, 122, 124, 126 and 127
(RAN) 8 Crew Notes .. ..	AL 7
(RAN) 8 Vol 1 Book 2 .. ..	AL 59
(RAN) 8 Vol 1 Book 3 .. ..	AL 42, 44 and 45
(RAN) 8 Vol 1 Book 6 .. ..	AL 34 and 36
(RAN) 8 Vol 1 Book 7 .. ..	AL 25 and 26
(RAN) 8 Vol 2 .. ..	AL 39 and Addendum to AL 33
(RAN) 8 Vol 5 Book 1 .. ..	AL 24
(RAN) 8 Vol 6 Part 3 .. ..	AL 52
(RAN) 19 Vol 2 Book 2 .. ..	AL 28
Wessex AD/Min 081 .. ..	Issue 3
Wessex AD/Min 082 .. ..	Issue 2
AIC .. ..	30/1968, 31/1968
AIP (RAC/2) Cat A and C .. ..	AL 99
AIP (RAC/2) Cat East .. ..	AL 99
Air Clues .. ..	July/1968

AMENDMENTS TO AIR PUBLICATIONS—*continued*

<i>AP No</i>	<i>AL or Leaflet</i>
Air Pictorial .. .. .	July/1968
NOTAM .. .. .	HO 14/1968
	HO 15/1968—Combined
	HO 16/1968
Table of Contents (18th Edition) .. .. .	AL 95
TSD 594 .. .. .	T/Letter No 128, 130 and 131
Westlands Group Process Specifications .. .. .	AL 75
<i>AAP No 2 GCC:</i>	
B 16 (2nd Edition) .. .. .	AL 11
F 14A (16th Edition) .. .. .	AL 11
F 14C (10th Edition) .. .. .	AL 15
K 4 (19th Edition) .. .. .	AL 15
1045 (5th Edition) .. .. .	AL 8
1125 Vol 2 .. .. .	AL 6
1361 (7th Edition) .. .. .	AL 8
1730 (7th Edition) .. .. .	AL 11
3530 (8th Edition) .. .. .	AL 7
3825 (4th Edition) .. .. .	AL 8
4010 (7th Edition) .. .. .	AL 15
5305 (7th Edition) .. .. .	AL 24
5810 (8th Edition) .. .. .	AL 13
5826 (8th Edition) .. .. .	AL 17 and 18
5831 (8th Edition) .. .. .	AL 12 and 13
5840 (10th Edition) .. .. .	AL 17 and 18
5841 (9th Edition) .. .. .	AL 14
5845 (10th Edition) .. .. .	AL 9 and 10
5850 (9th Edition) .. .. .	AL 8
5905 (9th Edition) .. .. .	AL 22 and 23
5910 (7th Edition) .. .. .	AL 23
5920 (10th Edition) .. .. .	AL 8
5945 (9th Edition) .. .. .	AL 12
5954 .. .. .	Addendum to AL10
5955 (8th Edition) .. .. .	AL 21
5960 (8th Edition) .. .. .	AL 43 and 44
5970 (8th Edition) .. .. .	AL 13
5977 (10th Edition) .. .. .	AL 8
5985 (11th Edition) .. .. .	AL 13
5990 (8th Edition) .. .. .	AL 13 and 14
5999 (11th Edition) .. .. .	AL 13 and 14
6655 (6th Edition) .. .. .	AL 10
6730 (5th Edition) .. .. .	AL 12
7930 (4th Edition) .. .. .	AL 13
AAP 316 (2nd Edition) .. .. .	AL 160 and 161
AAP 702.1 Book 2 Part 9 Section 1 .. .. .	AL 204
AAP 711.24 Vol 3 Part 1 .. .. .	AL 14
AAP 719.80 Vol 1 Parts 1, 2 and 3, Vol 2, Vol 4 Part 6 and Vol 6 .. .. .	AL 2
AAP 721.2 Vol 2 Part 2 .. .. .	Corrigendum to AL 287
AAP 721.2 Vol 4 Part 1 .. .. .	AL 26 or 27
AAP 721.2 Vol 6 Parts 1, 2, 3 and 4 .. .. .	AL 21
AAP 721/79 Vol 3 Part 1 Books 1, 2 and 3 .. .. .	AL 24

AMENDMENTS TO AIR PUBLICATIONS—*continued*

<i>AP No</i>	<i>AL or Leaflet</i>
<i>AAP No 2 GCC—continued:</i>	
FSN 0701-090-2282 (NAO1-40AVC-2-2) .. .. .	Int Change No 8
FSN 0701-090-2342 (NAO1-40AVC-2-4) .. .. .	Int Change No 24
FSN 0701-090-2422 (NAO1-40AVC-2-7-2) .. .. .	Int Change No 5
	Int Change No 6
FSN 0701-090-2451 (NAO1-40AVC-3) .. .. .	Change Notice (15.6.68)
	(NAO1-40AVC-4-1) .. .. .
	Alt Notice to Change (1.4.68)
FSN 0701-090-3971 (NAO1-40AVD-1) .. .. .	Change Notice (1.2.68)
FSN 0701-090-3991 (NAO1-40AVD-2-1) .. .. .	Int Man Change No 4 (6.5.68)
FSN 0701-090-4121 (NAO1-40AVD-2-7.1) .. .. .	Int Change No 2 (10.6.68)
FSN 0701-090-4181 (NAO1-40AVD-4-3) .. .. .	Int Man Change No 1 (17.6.68)
FSN 0701-090-4201 (NAO1-40AVD-4-5) .. .. .	Int Man Change No 1 (17.6.68)
FSN 0701-090-4211 (NAO1-40AVD-4-6) .. .. .	Int Man Change No 1 (17.6.68)
FSN 0701-090-4221 (NAO1-40AVD-4-7) .. .. .	Int Man Change No 1 (17.6.68)
FSN 0701-090-4221 (NAO1-40AVD-4-7) .. .. .	Alt Notice
	Pages 99 and 100
FSN 0701-090-4231 (NAO1-40AVD-4-8) .. .. .	Int Man Change No 1 (17.6.68)
FSN 0701-090-4241 (NAO1-40AVD-4-9) .. .. .	Int Man Change No 1 (17-6-68)
FSN 0701-180-1423 (NAO1-85SAD-1B) .. .. .	Change Notice (1.12.67)
FSN 0701-180-1431 (NAO1-85SAD-2-1) .. .. .	Int Change No 5
FSN 0701-180-1481 (NAO1-85SAD-2-5) .. .. .	Int Change No 5
FSN 0702-030-0402 (NAO2B-10DAA-3) .. .. .	Int Change No 14
	Int Change No 15
	Int Change No 16
	Int Change No 17
FSN 0703-021-6101 (NAVO3-5FB-46) .. .. .	Revision (1.7.67)
FSN 0703-021-6111 (NAO3-5FB-47) .. .. .	Revision (1.7.67)
FSN 0711-100-0460 (NA11-45-600) .. .. .	Revision (15.4.67)
FSN 0716-070-3470 (NW16-30APN97-3) .. .. .	AIL (RAN) 1, AL 1 (RAN)
FSN 0716-070-6181 (NA16-30ARC51-2) .. .. .	Revision (1.9.67)
FSN 0716-070-6201 (NA16-30ARC51-4) .. .. .	Revision (1.12.67)
FSN 0716-100-1450 (NA16-45-619) .. .. .	Revision (15.4.60)
	Revision (15.6.62)

(D of V 465/57/881)



*Registered*

ANO's 718-730/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
15 November 1968

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*Handau*

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

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<i>No</i>	<i>Title</i>
<b>SECTION 4—EQUIPMENT, STORES AND SERVICING</b>	
718	Stores General Group Class 1280—Aircraft Bombing Fire Control Components—Change of Stock Numbers.
719	Stores General Group Class 1610—Aircraft Propellers—Change of Stock Numbers.
720	Stores General Group Class 1615—Helicopter Rotor Blades, Drive Mechanisms and Components—Change of Stock Numbers.
721	Stores General Group Class 1650—Aircraft Hydraulic, Vacuum and De-icing Components—Change of Stock Numbers.
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## Section 4

### EQUIPMENT, STORES AND SERVICING

#### UNCLASSIFIED

#### 718—Stores General Group Class 1280—Aircraft Bombing Fire Control Components—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

<i>Old Stock No</i>		<i>Item Name</i>	<i>New Stock No</i>	
<i>Group Class</i>	<i>Catalogue Number</i>		<i>Group Class</i>	<i>Catalogue Number</i>
1280	00-314-1025	Impeller, fan, axial .. ..	4140	00-314-1025
1280	00-319-9728	Retainer, capacitor .. ..	5910	00-160-4919
1280	00-370-0703	Bearing, clutch .. ..	5815	00-370-0703
1280	00-621-1049	Shielding gasket .. ..	5840	00-705-2912

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 11 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 400/70/131)

#### UNCLASSIFIED

#### 719—Stores General Group Class 1610—Aircraft Propellers—Change of Stock Numbers

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

<i>Old Stock No</i>		<i>Item Name</i>	<i>New Stock No</i>	
<i>Group Class</i>	<i>Catalogue Number</i>		<i>Group Class</i>	<i>Catalogue Number</i>
1610	00-442-8498	Ring .. ..	5340	00-483-6191
1610	00-442-9027	Pin .. ..	5315	00-334-4098
1610	00-448-4532	Gear .. ..	1610	00-483-6301
1610	00-141-7787	Packing preformed .. ..	1610	00-684-1825
1610	00-775-3846	Cone set, tail rotor .. ..	1615	00-775-3846

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 11 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 603/75/127)

## UNCLASSIFIED

**720—Stores General Group Class 1615—Helicopter Rotor Blades, Drive Mechanisms and Components—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
1615	00-083-8335	Shipping and storage container .. .. .	8115	00-083-8335	
1615	00-446-6376	Bushing, sleeve .. .. .	3120	00-446-6376	
1615	00-974-7725	Cap assy .. .. .	1680	00-974-7725	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 11 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 607/51/81)

## UNCLASSIFIED

**721—Stores General Group Class 1650—Aircraft Hydraulic, Vacuum and De-icing Components—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
1650	00-523-0824	Ball, bearing .. .. .	3110	00-100-6178	
1650	00-526-4304	Packing, preformed .. .. .	5330	00-805-2966	
1650	00-576-9389	Packing, preformed .. .. .	5330	00-599-2831	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 11 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 603/56/1493)

## UNCLASSIFIED

**722—Stores General Group Class 2920—Engine Electrical System Components, Non-aircraft—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
2920	00-033-0491	Generator assy .. .. .	2810	00-316-9779	
2920	00-294-3900	Spark plug .. .. .	2920	00-294-3788	
2920	00-293-5223	Spark plug .. .. .	2920	00-735-9618	

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
2920	00-346-3786	Washer, lock .. .. .	5310	00-012-0384	
2920	00-363-8305	Gasket .. .. .	5330	00-980-1546	
2920	00-364-1313	Spring helical .. .. .	2910	00-297-6696	
2920	00-364-6481	Washer, non-metallic .. .. .	5330	00-238-1035	
2920	00-429-2891	Drive, engine .. .. .	2920	00-330-9137	
2920	00-449-2478	Rotor, ignition .. .. .	2925	00-449-2478	
2920	00-529-8681	Sleeve, ignition .. .. .	2925	00-529-8681	
2920	00-533-6230	Spark plug .. .. .	1660	00-533-6230	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 11 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 400/70/122)

## UNCLASSIFIED

**723—Stores General Group Class 3120—Bearings, Plain, Unmounted—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
3120	00-281-9159	Washer, flat .. .. .	5310	00-281-9195	
3120	00-188-3744	Washer, flat .. .. .	5310	00-188-3744	
3120	00-528-5684	Bearing sleeve .. .. .	3120	00-287-9058	
3120	00-580-0804	Spacer, sleeve .. .. .	5340	00-580-0804	
3120	00-580-0805	Spacer, sleeve .. .. .	5340	00-580-0805	
3120	00-580-0806	Spacer, sleeve .. .. .	5340	00-580-0806	
3120	00-580-0808	Spacer, sleeve .. .. .	5340	00-580-0808	
3120	00-325-7934	Spacer, sleeve .. .. .	5340	00-325-7934	
3120	00-580-3282	Bearing ball annular .. .. .	3110	00-580-3282	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 11 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 506/61/556)

## UNCLASSIFIED

**724—Stores General Group Class 4140—Fans, Air Circulators, and Blower Equipment—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
4140	00-560-8012	Filter .. ..	4130	00-560-8012
4140	00-585-7226	Packing preformed .. ..	5330	00-585-7226
4140	00-752-9063	Impeller, fan .. ..	4140	00-546-3518

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 11 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 1114/51/184)

## UNCLASSIFIED

**725—Stores General Group Class 4210—Fire Fighting Equipment—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
4210	00-030-1313	Bearing, ball, annular .. ..	3110	00-155-6201
4210	00-341-8626	Relief disc assy .. ..	4210	00-182-3922
4210	00-633-1268	Coupling, shaft .. ..	3010	00-289-7841

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 11 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 505/87/789)

## UNCLASSIFIED

**726—Stores General Group Class 4320—Power and Hand Pumps—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
4320	00-308-6762	Plate, wearing .. ..	4320	00-024-1489
4320	00-339-2461	Bushing, stuffing .. ..	3120	00-024-1488
4320	00-633-3946	Bearing, ball, annular .. ..	3110	00-144-8663

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 11 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 1109/51/1059)

## UNCLASSIFIED

**727—Stores General Group Class 4720—Hose and Tubing, Flexible—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
4720	00-202-8970	Clamp, hose .. ..	4730	00-202-8970
4720	00-289-2955	Hose assy rubber .. ..	4720	00-622-1594
4720	00-555-1409	Hose rubber .. ..	4720	00-289-9199
4720	00-555-3874	Hose assy rubber .. ..	4720	00-555-1446
4720	00-585-0683	Hose assy rubber .. ..	4720	00-541-9276
4720	00-827-0188	Hose assy rubber .. ..	4720	00-200-0423
4720	00-883-4585	Hose assy rubber .. ..	4720	00-826-3453
4720	00-967-9513	Nut, hose coupling .. ..	4730	00-967-9513

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 11 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 400/70/121)

## UNCLASSIFIED

**728—Stores General Group Class 6605—Navigational Instruments—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
6605	00-526-1434	Shim .. ..	5340	00-596-0140
6605	00-579-9660	Shim .. ..	6610	00-579-7142
6605	00-719-9151	Connector, plug, electrical .. ..	5935	00-719-9151
6605	00-806-8614	Motor, tachometer .. ..	6105	00-806-8614

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 11 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/53/836)



## UNCLASSIFIED

**729—Stores General Group Class 6610—Flight Instruments—Change of Stock Numbers**

1. As a result of maintenance data received from the Defence Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

<i>Old Stock No</i>		<i>Item Name</i>	<i>New Stock No</i>	
<i>Group Class</i>	<i>Catalogue Number</i>		<i>Group Class</i>	<i>Catalogue Number</i>
6610	00-181-6314	Pin, straight, headless. . .	5315	00-181-6314
6610	00-329-0377	Clip, spring tension . . .	5340	00-329-0377
6610	00-560-7339	Shield electron tube . . .	5935	00-651-2698

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 11 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 603/56/1496)

## UNCLASSIFIED

**730—Stores General—Identification and Reclassification—Group Class 0731—Transfer to Group Class 0249**

(DCI (RN) 397/1968)

1. With effect from 11 December 1968, Group class 0731, Marine Fuelling Equipment, will be transferred to Group class 0249, Aircraft General Ground and Servicing Equipment (including Fuelling Equipment). Catalogue numbers and descriptions will remain unaltered. Group class 0731 will cease to exist.

2. Ships and commissioned establishments are to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812. Other authorities are to arrange for records to be amended as necessary.

3. ABR 5074 RAN Catalogue of Stores will be amended accordingly.

(DSAP 523/51/623)

RESTRICTED

ANO's 731-743/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
18 November 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

A handwritten signature in cursive script, appearing to read "J. Handau".

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

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RESTRICTED

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## Section 1

### ADMINISTRATIVE AND GENERAL

#### RESTRICTED

#### 731—Ceremonial—Saluting Stations at Commonwealth and Foreign Ports in the Pacific and Indian Oceans

1. The lists of saluting stations at ports in the Pacific and Indian Oceans are promulgated in accordance with RI 1362 (5). Information given in these lists is however not to be regarded as in any way relieving Senior Officers of the requirements of RI Article 1365.

2. Any alterations or additions to the list are to be reported as soon as definite information is obtained.

3. Navy Order 372 of 1968 is hereby cancelled.

#### ANNEX A

##### COMMONWEALTH COUNTRIES

Canada .. ..	Esquimalt, BC ..	Naval salutes are fired from HMC Dockyard.
	Vancouver, BC ..	National salutes are fired from Brockton Point.
	Victoria, BC ..	National salutes will be returned from Work Point Barracks for ships entering Victoria Harbour. National salutes will be returned from View Point for ships proceeding to Esquimalt.
Ceylon .. ..	Colombo .. ..	Naval Battery, Battenburg Point.
Fiji .. ..	Suva .. ..	If a salute is to be fired, a mobile battery of the Fiji Military Forces will be sited on the foreshore in front of Government House.
Hong Kong ..	Kowloon .. ..	Naval Saluting Battery—HMS TAMAR—Bull Nose, Victoria Basin entrance.
India .. ..	Calcutta .. ..	Shore Battery on the outer wall of Fort William facing river.
	Madras .. ..	Coast Battery, Madras Harbour, East Mole.
Malaysia ..	Port Swettenham ..	Mobile Saluting Battery. Salutes will be returned from North or South end of the Wharf area at North Klang Straits according to the direction of approaching shipping.

## ANNEX A—continued

Maldives Islands	.. Male	.. ..	Salutes at Male are returned from the Sultans Palace (approximately 04° 10' 33" N, 73° 30' E). Salutes should not be fired until ships are in the general area, Male, Duniu, Funidu. Experience has shown that salutes fired immediately on entering the lagoon cannot be heard at the Sultans Palace.
Mauritius	.. Port Louis	.. ..	Fort William.
New Zealand	.. Auckland	.. ..	a. North Head (National Salutes). b. HMNZS PHILOMEL (Naval salutes).
	Wellington	.. ..	Point Jerningham (Western Slope).
Pakistan	.. Karachi	.. ..	East side of Minora Point.
Singapore	.. Singapore Naval Base	.. ..	Beaulieu House (in position 01° 27' N, 103° 50' E). This battery is only used for returning salutes to the Flag of the Commander Far East Fleet. It is not a Singaporean National Battery.
Tanzania	.. Dar Es Salaam	.. ..	By arrangement with Tanzanian authorities through BHC Dar Es Salaam.
Tonga	.. Nukualofa	.. ..	Tongan ensign is flown from National Flagstaff just westward of the pier. Saluting battery of four Hotchkiss 3-pdr guns is mounted near the flagstaff. Royal Standard may fly from Palace (which is about 200 yards westward of National Flagstaff).
Western Samoa	.. ..	.. ..	Mulinu'u Saluting Station 13° 14' 46" S, 171° 46' 16" W.

## ANNEX B

## FOREIGN PORTS

Saluting stations in Colonial possessions are shown under the nation to which the colony belongs.

Cambodia	.. Phnom Penh	.. ..	Battery opposite Royal Palace.
Chile	.. Punta Arenas	.. ..	Muelle Stubenrauch.
	Talcahuano	.. ..	The battery is situated in the ship HUASCA, permanently moored, as a memorial, off the main base administration building on the foreshore about a quarter of mile to the southward of the main dockyard basin.
	Valparaiso	.. ..	Fort Almirante Silva Palma, Playa Ancha. The salutes to be outside 'Breakwater'.

## ANNEX B—continued

Ecuador	.. Guayaquil	.. ..	Cerro Santa Ana at the north end of the town. National salute fired in approximate position 178°. Cathedral Tower 9.5 cables. Care must be taken.	
El Salvador	.. La Libertad	.. ..	Military Post on Pier. National salute fired 15 minutes before anchoring.	
Ethiopia	.. Massowak	.. ..	Imperial Naval School Battery on the North Arm Jetty.	
France (Colonies)				
	New Caledonia	.. Noumea	.. ..	Battery at Residence of Director du Parc D'Artillerie.
	Somaliland	.. Djibouti	.. ..	Mobile battery in front of the Palais de Gouvernement. (Note—Previous notice required).
Iran	.. Bandar Abbas	.. ..	Battery situated 3 kilometres east of the town opposite the Naval Base Garrison, Bandar Abbas, 27° 10' 55" N, 56° 17' 50" E.	
	Bushire	.. ..	South of the town of Mukfa'eh at the base of the lighthouse in approximate latitude 28° 56.5' N.	
	Khark	.. ..	Battery located at the foot of the Naval Base flag, Khark, 29° 14' 42" N, 50° 19' 36" E.	
	Khorramshahr	.. ..	Salutes returned from a battery of mobile field guns at foot of the Flag Staff in the Persian Naval Base, on the south side of the Hafar Channel.	
Iraq	.. Basra (Ashar)	.. ..	Field guns mounted on Customs jetty.	
Japan	.. ..	.. ..	A saluting station, intended to act for all ports in Tokyo Bay, is situated on the hill close to the westward of Kannon Saki Lighthouse; Position 35° 15' 02" N, 139° 44' 08" E. National salutes will be returned between 0800 and sunset provided a weeks notice has been given. This saluting station will also be used for salutes to and from the flag of the MSDF Commandant, Yokosuka Regional District, whose region includes all the Tokyo Bay ports.	
Mexico	.. Acapulco	.. ..	San Diego Fort. Naval Base Eastern corner of the bay. National salute should be fired underway.	
Persian Gulf, Oman	.. Muscat	.. ..	Mirani Fort on the West side of the town.	

## ANNEX B—continued

Peru	..	Callao	..	..	Escuela Naval, La Punta.
Philippines	..	Manila	..	..	In special cases and only by arrangement.
<b>Portugal (Colonies)</b>					
Macau (China)	..	..	..	..	Bateria de Monte de Guia.
Mozambique	..	Lourenco Marques	..	..	Ponta Vermelha.
		Beira	..	..	Muralha de Capitana.
Timor	..	Dili	..	..	Bateria. (Note—Salutes are not normally fired in Portuguese waters between sunset and 0800, and 24 hours notice, at least, is normally required).
Qatar	..	Doha	..	..	Battery of 25 pounders.
Saudi Arabia	..	Jedda	..	..	Mobile battery to the North of the town.
		Ras Tanura	..	..	By muzzle loaders on the Spit.
South Africa	..	Cape Town	..	..	Lion Battery on Lions Rump.
		Simonstown	..	..	Scala Battery 34° 10' 24" S, 18° 25' 03" E.
South Vietnam	..	Saigon	..	..	Battery on river front at end of Rue Catinat.
Soviet Union	..	..	..	..	Information will be provided before a ship visit to the USSR.
Thailand	..	Paknam (Bangkok)	..	..	Fort Chula Chomklao at the mouth of the Meanam Chao Phya (Chao Phya river).
Trucial Coast	..	Dubai	..	..	Two 75mm field guns.
United States	..	Pearl Harbour, Hawaii	..	..	US Naval Base.
<b>Pacific Coast</b>					
		Adak, Alaska	..	..	US Naval Station.
		Kodiak, Alaska	..	..	US Naval Station.
		Long Beach, California	..	..	Fort McArthur.
		Monteray, California	..	..	National salutes can be returned by the Army shore battery.
		San Diego, California	..	..	US Naval Air Station.
		San Francisco, California	..	..	Fort Winfield Scott.
		San Pedro, California (Port of Los Angeles)	..	..	US Naval Station, Long Beach, California.
		Seattle, Washington	..	..	US Naval Receiving Station.
<b>Territories</b>					
Marianas Is	..	Guam	..	..	US Naval Base, Marianas.

## ANNEX B—continued

*Possessions, etc*

Panama Canal Zone	Rodman Naval Base	..	US Naval Station, when approaching from Atlantic side National salute and 13 gun personal salute to COMFIFTEEN should commence when buoy No 28 is abeam.	
Yemen	..	Hodeida	..	Fort to the south of the town.

(D of O 12/201/18)

(Navy Order 372 of 1968)

## RESTRICTED

**732—Introduction into Naval Service of Photographic Equipment and Materials**

1. A growing requirement is developing in the RAN for the employment of photographic equipment. Because of the variety and cost of this equipment, a considerable degree of co-ordination is necessary to ensure that established needs are properly and efficiently met.

2. In the past, efforts to achieve the correct degree of co-ordination have been hampered by independent local procurement action to meet specific needs. As this range of users grows, the risks of proliferation of patterns and manufacturers also grows and this trend is not in the best interest of the Service.

3. Much permanent equipment will soon be due for replacement. It is important that the new patterns are the most suitable and standard throughout the Navy. To this end the following procedure is to be followed:

- a. ships and establishments are to represent their detailed requirements through their Administrative Authority;
- b. the Photographic Officer on the Staff concerned will examine the requirement and stipulate a suitable equipment from the standard inventory, where the case is justified. If no standard item will meet the need, it will be necessary for him to compile a technical specification to assist in the procurement of a suitable item. Care should be taken to ensure that the provisions of Navy Order 213 of 1968 are satisfied. The recommendation will then be forwarded to ACNB in this form;
- c. establishments outside Eastern Australia Area should forward requirements to ACNB where they will receive the attention of DPR Films Officer. He will represent the specified requirements for new types of equipment to the Photographic Subcommittee of the Defence Standardisation Committee with representatives from FOICEA, FOCAF or DNS attending on any occasion when special issues may require it;
- d. periodically a Panel will convene in Navy Office to assess the merits of any extensive proposals. The panel will comprise representatives from the Staffs of:
  - (1) FOICEA Photographic Officer;
  - (2) FOCAF Photographic Officer;
  - (3) DPR Films Officer;
  - (4) DNAP Staff Officer (NET)
  - (5) DSAW Representative;

and on appropriate occasions determined by the issues under review.

- (6) DSAP Representative;
- (7) DNS Representative;
- (8) DSMP Representative;
- (9) DSS Representative;
- (10) DNI Representative.

e. the decisions of the Panel will then be represented through the Photographic Sub-Committee of the Defence Standardisation Committee and by this means amendments to the standard inventory of Naval Photographic Equipment and Materials will be vetted before incorporation; and

f. subsequently the allowances of any ship or establishment similarly affected, will be amended and the item concerned will be supplied without demand in such cases.

4. This procedure should minimise delay in introducing replacement equipment, as well as ensuring that devices proposed are the most suitable for the purpose consistent with the needs of standardisation within the Navy.

5. A further Navy Order will be issued in due course listing the established standard list of Naval Photographic Equipments.

(DNAP 400/201/342)

(Navy Order 213 of 1968)

## Section 2 PERSONNEL

UNCLASSIFIED

### 733—Application of Victorian Stamps Act—1967

1. The provisions of the Victorian Stamps Act 1967 are not applicable to the pay and allowances of members of the Australian Armed Forces who are posted for duty in Victoria.

2. This order will be reprinted for posting on notice boards.

(HPB 271/1/70)

UNCLASSIFIED

### 734—Duties of Inspectors (Stores)

1. The (Suptg) Naval Store Officer of the storing yard is responsible for placing on charge in the Store Account all stores comprising the initial outfit of the ship. The embarkation of and subsequent accounting for these stores are, however, the responsibility of the Store Accounting Officer and any initiative taken by Inspector (Stores) to assist in no way relieves the Store Accounting Officer of his responsibility.

2. The Senior Inspector in the area where the ship is storing, fitting out or paying off is to liaise with the Stores Accounting Officer(s) to decide the most effective manner in which the Inspector detailed to assist the ship should be employed on the following tasks:

#### a. *Storing and Fitting Out*

- (1) Assist in the storing and stowing programme as it progresses, liaising with Dockyard and Store Officers and maintaining contact with the Ships Stores Accounting Officer as necessary.
- (2) Receive the new ledgers from the storing yard, check and hand over to the ship. Violet or green pencil or ink is not to be used when ticking entries in ledger.

(3) Receive Lists of Equipment from Dockyard Officers, check that the format is correct and hand over to ships officers.

(4) Organise the preparation of the stocktaking/location record pages Forms AS 148 P (SS 123), C (SS 141) and N (SS 122) and stowage identification cards, etc.

(5) Organise the raising of permanent loan/custody lists and locating items fitted by Dockyard.

#### b. *Paying Off*

(1) Return to ships stores of all articles in use other than those required by Departmental Officers during the de-storing period.

(2) Checking and packing stores in group class order for return to the appropriate Store Depot.

(3) Raising of appropriate forms required for the adjustment of discrepancies.

(4) Raising of Inventory Accounts for items remaining on board, for signature by the authority assuming custody.

(5) Verification of fitted equipments remaining on board and raising of Forms AS 197 (SD 116) to adjust lists of equipment, etc, as necessary.

(6) Closing of store accounts and their transfer, together with supporting documents, registers, etc, to the appropriate (Suptg) Store Officer.

(7) Liaison between (Suptg) Store Officers, ships staff and local transport authorities as necessary in connection with the abovementioned matters.

#### c. *SOAP*

(1) The Officer-in-Charge SOAP is in charge of SOAP operations. The Inspector (Stores) is to assist the OIC SOAP as agreed between the Senior Inspector in the area and the OIC.

(2) In particular, with their knowledge and experience, Inspectors should work on matters relating to allowances and identification of the stores.

3. ABR 4 will be amended in due course.

(DSAP 2/51/74)

UNCLASSIFIED

### 735—RAN Identity Card—Insertion of Rank

1. The current practice of inserting full detail of rank and branch in the Identity Card is considered to be undesirable for personnel on active service. Any such personnel who become a prisoner of war are only required to reveal certain details which do not include their identity as specialists. If personnel comply with instructions to hand over the tag on the Identity Card, they are identified as specialists.

2. All future issues of Identity Cards are therefore to show sailors ranks in the following manner:

Recruit	..	..	RCT
Ordinary Rank	..	..	ORD
Able Rank	..	..	AB
Leading Hand	..	..	LDG
Petty Officer	..	..	PO
Chief Petty Officer	..	..	CPO

Officers ranks are not to show branches or specialisations.

3. For personnel on active service, action is to be taken to amend current Identity Cards by exercising or scoring out the existing rank and inserting the appropriate abbreviation in accordance with Paragraph 2 above.

4. This order will be included in RI in due course.

(DNI 63/3/47)

#### UNCLASSIFIED

##### 736—Safety—Portable Blowers in HMA Ships

1. As a result of a fatality which occurred in one of HM ships when an operator was using a portable blower with its heater attachment, an investigation has disclosed that the heater attachments on all Ministry of Defence (Navy) Blowers are potentially unsafe.

2. The following actions are therefore to be taken forthwith:

- a. All heater attachments are to be removed and returned to SNSO, Sydney.
- b. The sockets and associated cabling for the connection of the relevant associated heaters on blowers 0565-205064, 0565-449811, 0565-204664, 0565-33048 and 0565-204665 are to be removed, and the securing screw holes and wiring entry holes are to be blanked off.
- c. The existing cable connecting to the blower fed from 115V AC is to be replaced by 25 feet 0561-180670 cable.

3. Blower 0565-204664 is to be used only on DC ships and shore service of 230V AC where 115V supplies cannot be made available.

4. When blowers fed from 115V AC are returned for repair they are to be replaced by blower 0565-924-1946 and associated heater 0565-520-2513 for hot air blowing on 115V AC circuits.

5. Blowers 0565-204664 when returned for repair shall be modified by incorporating 0565-204735 modification kit which contains the following:

- a. 1 No Reyrolle plug and socket the plug of which is connected to a lead from the heater.
- b. 3 No Neoprene Grommets for protection of motor leads through the motor casing.
- c. 1 No Insulating liner to shroud the switch in the motor handle.
- d. 1 No Lock Washer for locking socket in the motor casing.
- e. 1 No 0634-943-2324 Plate, Modification, Record to be affixed to the motor body.
- f. 1 No 0565-204677 Heater, (bearing plate, modification raised to Mod 1) modified to include a Backer type sheathed element, a wire mesh guard and with Reyrolle plug fitted to the free lead end.
- g. 1 No Instruction Sheet.
- h. 1 No Service Instruction Sheet for 0565-204664 Blower.

(ACDC 400/2/553)

#### Section 4

### EQUIPMENT, STORES AND SERVICING

#### UNCLASSIFIED

##### 737—Communications and Radio—Shore Wireless Stations—Use of 'High Tension' Isolating and Earthing Switches When Carrying Out Adjustments to High Powered Transmitters.

1. The Naval Board are concerned that personnel engaged upon the adjustment and maintenance of high powered shore station transmitters are not always making full use of the safety precautions provided. A fatal accident in the RN was attributed to the failure to make use of such facilities.

2. Although personnel concerned should take all normal precautions to avoid shock from the primary supply voltage and the various derived voltages available from the transmitter circuits, it should be clearly realized that the greatest danger to life is from the Main HT Supply and RF voltages derived therefrom. All large shore station transmitters are fitted with manually operated HT isolating and/or earthing switches intended to render the transmitter safe should the automatic interlock safety circuits become defective.

3. Commanding Officers and Officers-in-Charge of shore wireless stations are to issue the necessary orders to ensure that HT isolating switches, safety switches and earthing switches have operated to the 'safe' position before removal of the protection panels, opening of cage doors, etc.

4. When access has been gained to the transmitter panel or enclosure it is necessary to take further precautions to ensure that no lethal charge remains on any smoothing capacitor. Each main smoothing capacitor must be earthed by means of an Earthing Set 0559-AP 199139 before any work or adjustment is attempted inside the panel or enclosure.

5. While carrying out work or adjustment inside the transmitter the main HT line should remain short-circuited to earth; this may often be accomplished by hanging the earthing set on the main HT connection. The earthing sets, which are to be provided at each set, are to be inspected frequently to ensure that the earth lead is connected through the metal hook and that the other end is earthed efficiently.

6. The allowance of earthing sets is as shown in Annex A. Station staffs are to connect the requisite length of flexible Cable AP 1888 to each rod. This can be done by reeving the cable through the  $\frac{3}{8}$  inch diameter hole provided for the cable to the eyelet terminal. Access to the eyelet terminal can be achieved by temporarily removing the  $\frac{3}{8}$  inch brass rod, which is secured in position by three countersunk 4BA set screws. The remote end of the AP 1888 cable should be connected permanently and securely to an efficient earth point on or adjacent to the transmitter framework. It is essential that this point is definitely at earth potential and that the connection is secure and efficient.

7. Rubber gloves are to be supplied and are not to be removed from the transmitter room. They must always be worn by sailors when handling aerials or feeder lines in the transmitter room or elsewhere in the vicinity of other transmitter aerials or feeders which are energised. Although a transmitter may be switched off, or an aerial feeder disconnected, transmissions from other sets may induce large radio frequency currents in the disconnected feeder wires.

8. Routine precautions and safety drill applicable to each set are laid down in the appropriate handbooks, but the attention of all personnel working on high-powered transmitters and their associated feeders and aerials, is to be drawn to this order.

9. Paragraph 6 above, refers to the use of Cable AP 1888 which is now superseded. Small stocks remain and these should continue to be used until exhausted. Cable AP 180645 is the preferred equivalent which should be demanded as appropriate.

10. Navy Order 696 of 1965 is hereby cancelled.

#### ANNEX A

Station or Establishment	Allowance
Canberra Naval Radio Station .. .. .	40
Darwin Naval Radio Station .. .. .	17
HMAS ALBATROSS .. .. .	7
HMAS TARANGAU .. .. .	4
HMAS CERBERUS .. .. .	1

(DWE 400/2/532)

(Navy Order 696 of 1965)

UNCLASSIFIED

### 738—Medical/Dental Stores—Repair and Maintenance by Army Electrical and Mechanical Engineers (RAEME)

#### General

1. The Royal Corps of Australian Electrical and Mechanical Engineers (RAEME) is responsible for the inspection, repair and modification of medical and dental technical equipment for the RAN under the Single Manager Supply System.

2. Inspection and repair support will be arranged and controlled on an Army Command basis with existing Army Equipment Inspection Sections and RAEME workshops undertaking the responsibilities arising. Where justified, equipment servicing and repair will be undertaken by means of period contracts with civilian contractors. The responsibility for arranging such contracts rests with the senior RAEME representative in each command on request from the appropriate medical/dental officer or commanding officer where no medical/dental officer is borne. Details of senior RAEME representatives in the various commands are shown in Annex A.

3. The repair of items of a non-technical nature and the installation of equipment is not the responsibility of RAEME.

4. Repairs to medical/dental technical equipment carried in HMA ships will be provided by RAEME resources at any port of call where there is a RAEME command. However, main support will be the responsibility of the RAEME senior representative at the ships home port.

5. RAEME will issue all the necessary technical data through the Single Manager to enable all levels of repair or modifications to be undertaken. This data is normally published in the form of Electrical and Mechanical Instructions (EMEIS) although for some specialised equipment manufacturers handbooks may be utilised.

#### Maintenance

6. This consists of cleaning, servicing, preserving, lubricating and adjusting as required and includes minor repairs within the capacity of resources available.

7. Details of tasks to be performed are set out in user handbooks, operator or user instructions in EMEIS or makers handbooks supplied with the equipment.

#### Inspection

8. Frequent and consistent inspection is the key to effective care of equipment whether in storage or in use. These inspections are to be carried out by the medical/dental officer, or where no medical/dental officer is borne the commanding officer or an officer delegated by him, (hereafter referred to as the appropriate officer) in conjunction with the relevant technical officer.

9. RAEME will conduct periodic inspection of equipment. These inspections, termed technical inspections have the following objectives:

- To provide assistance and advice on the maintenance of equipment.
- To ensure the operational safety of equipment.
- To ensure acceptable standards of handling and unit maintenance.
- To provide data on the overall condition of equipment held.

10. The intervals at which technical inspections are carried out vary with the equipment. Yearly is the normal. When certain conditions of operation could adversely affect equipment, more frequent inspections may occur. These additional inspections will be specified in technical publications or may be requested when necessary (see Paragraph 12).

11. Technical inspections will be carried out by RAEME personnel from Equipment Inspection Sections and a nominated BMED representative. Ships and establishments will be informed when these periodic inspections are to be carried out and will be responsible for ensuring that the equipment to be inspected is complete (with all ancillaries), clean and ready for inspection at the time required.

12. The appropriate officer may at any time request the services of a technical inspector to inspect medical/dental equipment by submitting a repair requisition for the service on the appropriate RAEME workshop (see Paragraph 18).

13. The appropriate officer is responsible for ensuring that corrective action is taken as indicated in the reports resulting from a technical inspection.

14. Details of the results obtained by the inspection team will be discussed with the appropriate officers. Copies of inspection reports will be supplied to:

- Ship or establishment concerned.
- MDG.

#### Repairs

15. Repairs are to be effected as follows:

- Minor repairs which can be effected within a ships or establishments normal resources—to be carried out on board by ships staff.
- Repairs beyond the ships or establishments normal capacity:
  - Essential minor repairs carried out by civilian contractors (see Paragraphs 28–37).
  - Other repairs arranged through RAEME (see Paragraphs 18–24).
- Items forwarded for repair are normally to remain on charge in the ship or establishment concerned during the course of repair.

#### Exchange or Disposal of Unserviceable Equipment

16. Where the nature of the equipment is vital and continuity of function is necessary, the ship or establishment is to contact the appropriate Army Base Medical and Dental Stores Depot (see ABR 4, Chapter 34) to ascertain whether an emergency replacement equipment is available. If a replacement item is available, the defective item is to be returned to the BMED and a replacement demanded in the normal manner.



17. Items certified by technical inspection to be unserviceable or beyond economical repair and which appear to have residual value should be returned to BMEDs (*see* ABR 4 Article 3419). The certificate is to accompany the equipment. Unserviceable items having no residual value are to be surveyed and disposed of locally in accordance with the procedure detailed in ABR 4, Article 1011 (3).

#### Requisitions for Repairs to be Arranged Through RAEME

18. With regard to Paragraph 15 b. (2) it is the responsibility of the senior RAEME representative on the headquarters of the command to define the workshop unit responsible for the repair of equipment. This detail is normally published as a co-ordinated repair and recovery plan in the appropriate Army orders which will be distributed to ships and establishments by the Army.

19. An Army Repair Requisition (AF G1045) is to be prepared in quadruplicate. A separate requisition is to be prepared for each major equipment, but a number of the same type of minor equipments can be listed on the one Form AF G1045. The repair requisition is to include:

- a. Name of ship or establishment and if applicable address and telephone number.
- b. Stock number, description, and if applicable registered/serial number.
- c. Quantity to be repaired or modified.
- d. Specific details of service required.
- e. Date required for return and reason.

20. For articles in use, Form AF G1045 is to be signed by the appropriate officers. For items held in store, Form AF G1045 is to be signed by the supply officer. Copies are to be distributed as follows:

- a. Copies Nos 1-3—to a defined RAEME workshop (*see* Paragraph 18).
- b. Copy No 4—file.

#### Call In Arrangements

21. Ships or establishments will be informed of the repair arrangements by telephone or by the return of the No 3 copy of Form AF G1045. If the latter method is used No 3 copy is to be forwarded with the equipment to the workshop.

#### Forwarding of Equipment

22. Equipment is to be thoroughly cleaned before dispatch to the repair authority. Small or fragile parts are to be adequately packed to prevent damage in transit and history sheets, log books or other relevant documents are to accompany the equipment to the workshop.

23. Any components or accessories not being forwarded with the equipment to the workshop are to be listed on Form AF G1045.

24. A receipt for the equipment will be given by the workshop on the No 3 copy of Form AF G1045.

#### Return of Repaired Equipment

25. When repaired equipment is being collected from a workshop the representative of the ship or establishment is to take No 3 copy of Form AF G1045 and check the completeness of the equipment as returned.

26. When in special circumstances return of the repaired equipment must be effected by rail, post or similar means, the ship or establishment will be asked to forward both No 3 and 4 copies of Form AF G1045 to the workshop. The No 4 copy will be returned by mail with

dispatch details. On receipt of the equipment the ship or establishment is to check its completeness, sign the No 4 copy and return the form to the workshop. The workshop will then return No 3 copy to the ship or establishment.

#### Equipment Deemed 'Beyond Economical Repair' (BER)

27. When an equipment is deemed BER by the RAEME workshop, the normal procedure is to return the equipment to the ship or establishment with certification as to condition and then appropriate action for disposal is to be taken. In certain cases involving large equipments, it may become a matter of liaison between the ship or establishment and the workshop to resolve whether it may be more practical to issue only documentation and leave the equipment in position pending a decision on disposal.

#### Essential Minor Repairs

28. Where a ship or establishment is located remote from a RAEME workshop, expenditure may be approved by the appropriate officer not below the rank of lieutenant, for essential minor repairs to medical/dental equipment by local civilian repair resources.

29. The amount of expenditure which may be approved, including the cost of any necessary spare parts and materials, is \$50 or, with the prior approval of the senior RAEME command representative in each specific case, \$100.

30. Subject to prior written concurrence of the senior RAEME representative and Army Command Secretary, authority may be given to the appropriate officers engaging in specific operations in areas which render it impracticable to contact the RAEME representative, to approve of repairs up to the maximum of \$100 without reference for approval. Ships requiring such authority should contact the nearest senior RAEME representative in sufficient time to permit the necessary approvals to be obtained.

31. In cases of emergency which preclude the use of normal repair facilities, the delegation can also be implemented by officers not below the rank of lieutenant of ships and establishments normally serviced by a RAEME workshop. The maximum amounts of expenditure which may be incurred in these circumstances is limited to \$20.

#### Method of Ordering for Essential Minor Repairs

32. Dealings are to be confined as far as possible to contractors with whom period contracts have been arranged. Details of these firms will be notified periodically or may be obtained from senior RAEME representatives.

33. A pre-numbered accountable form 'Order for Supplies' (AMF Form AAF F 59) is to be used for essential minor repairs by local civilian repair resources. These forms are available from respective Command Base Ordnance Depots (BODs), but the demand (AMF Form AF G982E) must be forwarded through the Assistant Director of Ordnance Services (ADOS) N, E, S, C, W Commands as appropriate for prior approval before issue.

34. Form AAF F 59 is supplied in pads of 50 in triplicate and is prepared and distributed as follows:

*Original*—to contractor together with blank claim Form (NA4).

*Duplicate*—held by ordering officer until the contractor's claim is received then attached to the claim as a supporting voucher.

*Triplicate*—file.

35. The following information is to be clearly stated in the ordering form:

- a. Details of services required.
- b. Stock number (if applicable) and description of equipment.

- c. Address to which claims for payment are to be forwarded.
- d. RAEME control number where approval has been given for repairs between \$50 and \$100.

#### Certification and Payment of Claims

36. All claims for payment of minor repair services to medical/dental equipment will be met from RAEME trade repair funds. The firm performing the service is to be advised to submit a full and detailed claim to the ship or establishment originating the order as soon as possible after completion of the service.

37. If satisfied that the claim is correct in all respects the appropriate officer is to sign the space provided and forward the claim together with the duplicate copy of Form AAF F 59 to the senior RAEME command representative for necessary action.

#### Entries in History Documents

38. Ships and establishments are responsible for ensuring that the necessary entries in respect of repairs and/or servicing effected are recorded in the relevant equipment history documents.

#### Defects in Equipment

39. A defect means a fault which is attributable to design and/or manufacture. Damage or failure due to fair wear and tear, accident or misuse is not a defect.

#### Procedure for Defects

40. Prompt and accurate reporting of defects is important, it ensures that all necessary action is taken to prevent a recurrence of the fault.

41. Immediately a defect occurs in any item of equipment the ship or establishment is to report the occurrence using the procedure detailed (*see* Paragraphs 42-44). This procedure is designed to ensure that notification of the defect reaches all appropriate authorities with a minimum of delay.

42. A 'Defect Incident Report' (DIR) (*see* Annex B) is normally to be sent as a signal report using the code letters set out in the Annex to define the information. If signal facilities are not available, the details are to be sent by memorandum, provided the matter is accorded priority.

43. A ship or establishment originating a DIR is to forward copies as follows:

- 1 copy to ADGMS (E & F) AHQ Melbourne.
- 1 copy to senior RAEME representative on command headquarters.
- 1 copy to DEME AHQ Melbourne.

44. Following the receipt of the DIR by the RAEME representative, investigation action will be initiated.

#### Modification of Equipment

45. Modification is defined as a physical change made to an equipment to meet a revised specification or to correct defects.

46. Modifications are divided into two groups:

##### a. Group 1—Vital Modification

- (1) for operational purposes to save life;
- (2) without which the equipment cannot function in its role;
- (3) to achieve substantial economy in material or manpower.

#### b. Group 2

- (1) in interests of standardisation;
- (2) in interests of modernisation;
- (3) functional improvement.

47. Authorised modifications with detailed instructions will be notified to a ship or establishment by the Single Manager.

48. Unauthorised modifications are not to be effected on medical and dental equipment.

49. The foregoing will be incorporated in the relevant manuals.

### ANNEX A

#### RAEME SENIOR REPRESENTATIVES

1. Army Headquarters	.. Directorate of Electrical and Mechanical Engineers (DEME) (Albert Park Barracks, Melbourne)	94-0101
2. Eastern Command..	.. Deputy Director of Electrical and Mechanical Engineers (DDEME) (Victoria Barracks, Sydney)	31-0455
3. Northern Command	.. Assistant Director of Electrical and Mechanical Engineers (ADEME) (Victoria Barracks, Brisbane)	33-4011
4. Southern Command	.. Assistant Director of Electrical and Mechanical Engineers (ADEME) (Victoria Barracks, Melbourne)	69-0440
5. Central Command..	.. Deputy Assistant Director of Electrical and Mechanical Engineers (DADEME) (Keswick Barracks, Adelaide)	53-9911
6. Western Command	.. Deputy Assistant Director of Electrical and Mechanical Engineers (DADEME) (Swan Barracks, Perth)	28-5021
7. Tasmania Command	.. Electrical and Mechanical Engineers (EME) (Anglesea Barracks, Hobart)	2-0541
8. Northern Territory Command	.. Electrical and Mechanical Engineers (EME) (Larrakeyah Barracks, Darwin)	479
9. PNG Command ..	.. Deputy Assistant Director of Electrical and Mechanical Engineers (DADEME) (Murray Barracks, Port Moresby, PNG)	
10. South Vietnam ..	.. Deputy Assistant Director of Electrical and Mechanical Engineers (DADEME) (AFV Headquarters SAIGON, South Vietnam)	

## ANNEX B

## DEFECT INCIDENT REPORT

## Code Letter

ALFA Name of Ship or Establishment.....

BRAVO DIR serial number.....

CHARLIE Equipment and registered/serial number.....

DELTA Assembly/component and part number.....

ECHO Nature of defect and number of instances.....

FOXTROT Estimated hours in use or number of exposures.....

GOLF Circumstances under which defect occurred.....

Date.....

Signature of reporting officer

Note: If sent by signal use code letter.

(MDG 1001/51/18)

## UNCLASSIFIED

**739—Naval Stores—Electrical—Group Class 0566—Allowances of Irons, Laundry—HMA Ships and Establishments**

Navy Order 223 of 1968 is to be amended as follows:

*Delete Group Class 0556 from the title and insert Group Class 0566 in lieu.*

(DSAP 519/78/54)

(Navy Order 223 of 1968)

## UNCLASSIFIED

**740—Naval Stores—General—Group Class 6840—Fluid Disinfectant—Re-introduction of Phenyle**

1. It has been decided to re-introduce Phenyle for use as an external general disinfectant and deodoriser for industrial purposes.

2. The item has been identified to the Defence Cataloguing System and allocated Defence Stock Numbers as shown below. Requirements of Phenyle should be demanded from SNSO Sydney accordingly.

Group Class	Catalogue Number	Item Name	Quantity
6840	66-030-4244	Disinfectant, germicidal and fungicidal concentrate	1 gal tin
6840	66-030-4245	Disinfectant, germicidal and fungicidal concentrate	5 gal drum

3. Defence Stock Number 6840-66-021-5587 Disinfectant germicidal and fungicidal concentrate, should continue to be used for disinfection of ships heads.

4. Navy Order 786 of 1965 is hereby cancelled.

(DNS 514/62/169)

(Navy Order 786 of 1965)

## RESTRICTED

**741—NBCD—Regulations for Respirator Testing—Introduction of CS Pellets**

(DCIs (RN) 522/1965 and 1130/1966)

1. It is important that all personnel possess efficient means of respiratory protection in limited war as well as in general war. A secondary need is for all personnel to be fit for riot control and counter-insurgency operations. Commanding Officers are to ensure that this important defensive requirement, which affects operational efficiency, is met.

2. To this end compliance with the care and maintenance routines in Chapter 6 of BR 2171 is essential.

3. In order to maintain them in a satisfactory state, the respirators of all personnel are to be tested in the presence of a CS Agent on the following occasions:

- a. When a new respirator is issued.
- b. After respirator repairs have been carried out.
- c. At intervals of not more than twelve months.
- d. No testing of respirators will be carried out onboard ship but arrangements should be made for this to be done ashore during periods of refit or long self-maintenance.

4. The CS Agent is to be used in future for testing respirators because of its more searching qualities. Pellets, CS, Respirator Testing, have been introduced into service for this purpose and supersede the Capsules Lachrymatory previously used. Annex A to this order contains the information required in connection with the introduction of this new store.

#### ANNEX A

##### INTRODUCTION OF PELLETS, CS, RESPIRATOR TESTING

Item .. .. .	a. 398018 Pellet, CS, Respirator Testing.
Purpose of order .. .. .	b. To notify the Fleet, etc of the introduction of the above item into the Naval service.
Use .. .. .	c. For testing Respirator Anti-gas. It will supersede 398004 Capsules Lachrymatory for this purpose.
Description of Store .. .. .	d. The pellet is of the flat round type and consists of one gram of Composition PN799. It is $\frac{1}{2}$ inch in diameter and approximately $\frac{1}{4}$ inch thick, chamfered at the edges. When ignited, the pellet gives off a cloud of irritant smoke.
Method of Packing .. .. .	e. The pellets are packed six in an aluminium cylinder.
	f. Six of these cylinders (ie, 36 pellets) are then packed in a flat oval tin (Box No 437 Mark 1) together with one box of matches fuzee safety and an 'Instruction' label. This label is inserted in such a way that the word 'Instruction' can be seen on removal of the lid.
	g. Nine of the Boxes No 437 (ie, 324 Pellets and 9 boxes of matches fuzee safety) are then packed into an outer metal container (box No 515).
	h. For bulk storage purposes in RANADs only, four boxes No 515 (ie 1296 pellets and 36 boxes of matches fuzee safety) are packed in an outer box G 70.
	i. For issue to service, the pellets will be supplied in box No 437 Mark 1 (36 pellets with one box of matches fuzee safety) and/or

#### ANNEX A—continued

box No 515 (324 pellets and 9 boxes of matches fuzee safety), according to the allowance. For transporting purposes they will be placed in a suitable box at the discretion of the supplying RAN armament depot.

- Method of use and precautions to be taken* j. (1) The instructions label contained in box No 437 Mark 1 (*see g. above*) reads as follows:
- 'Pellet, Irritant Smoke, Respirator—  
Instructions for use:
- (a) Use 1 pellet for 400 cu ft of chamber volume. Estimate to the nearest whole number of pellets.
  - (b) Pellets may be burned one at a time, or together provided they are in contact with each other. Pellets should not be heaped or stacked.
  - (c) Ignition should be by a glowing (not flaming) match, fuzee, safety laid on the pellet and left in contact.
  - (d) The resultant cloud should be thoroughly mixed before respirator testing in the chamber begins.
  - (e) Avoid handling the pellets with the bare hands. If handled accidentally, wash as soon as possible to avoid subsequent irritation.
- Keep tightly closed and store in a cool, dry place.'*
- (2) It is important that the above 'Instructions for Use' be strictly complied with whenever CS Pellets are used.
  - (3) Only the matches, fuzee, supplied with the pellets are to be used for igniting them. Other types, eg commercial matches, service matches, safety, etc are unsuitable since they may cause the Pellets to flare up.
  - (4) Flaming of these Pellets may occur, resulting in a reduction of gas concentration. A heavy black deposit is given off. Flaming can be extinguished by placing the lid of the tin over the burning pellet.
- Allowances* .. .. . k. As required to carry out the tests in Paragraph 3 of this order (for all personnel).

*Stowage Classification* .. .. . l. Shore Group 13.

- Action by HMA Ships* .. .. m. Any Capsules Lachrymatory remaining on board are to be returned to the RAN Armament Depot.
- Action by RAN Armament Depots* .. n. (1) Supplies of Pellets Irritant Smoke are now available and will be supplied on demand.  
(2) Separate instructions will be issued regarding the disposal of Capsules Lachrymatory.
- Amendment to Publications* .. .. Naval Proportion Book and Warrants of NA Stores will be amended in due course.

## ANNEX B

## TESTING OF RESPIRATORS

1. The procedure outlined hereunder is to be followed when testing respirators:
  - a. Select a suitable building and ascertain its cubic capacity. To achieve an effective concentration it will be necessary to ignite one CS pellet for each 400 cubic feet, and additional ones later, if more than one party is passed through the gas chamber, so as to maintain the concentration.
  - b. Muster the party outside and to windward of the chamber. Inspect respirators; don and check for fit. Explain the aims of the test. Emphasize that any individual feeling the effects of the agent is on no account to remove his face-piece, but to hold up his hand and leave the chamber when ordered. Enter the gas chamber.
  - c. Ignite the necessary number of pellets. To avoid damage by heat, the pellets should be in a metal container on short legs, such as a dish or the lid of a tin. If necessary, fan the smoke with a piece of cardboard to achieve even dispersion. The presence of an adequate concentration will be felt by irritation round the neck after a minute or two.
  - d. After two minutes, order the party to carry out the following drill:
    - (1) Walk.
    - (2) Standing, turn the head smartly to the fullest extent from side to side.
    - (3) Standing, roll the head round and backwards to the fullest extent.
    - (4) Bending forward from the hips, shake the head vigorously from side to side.
    - (5) Jump approximately 9 inches and land on the heels.
    - (6) Run on the spot.
  - e. Order the party to leave the chamber, the officer or sailor in charge to leave last. Muster to windward of the chamber, remove respirators and stand in the fresh air for at least five minutes to disperse traces of CS Agent from skin and clothing. Should irritation of the skin persist beyond this period, the affected part should be washed with soap and water.
  - f. Examine each individual for severe pressure marks on the face, which would indicate too tight an adjustment of the head harness. Any such cases must be refitted and retested.
  - g. Clean respirators and replace in haversacks (*see* BR 2171, Chapter 6, Paragraphs 33 and 34).

## Precautions to be observed

2. There should be a clear range to leeward of at least 100 yards, and a wind of at least force 2 should be blowing, to ensure dispersion of CS within this range.

(DSAW 710/251/23)

## Section 5

## BOOKS, CORRESPONDENCE, FORMS AND STATIONERY

## UNCLASSIFIED

## 742—Far East Serial Orders

1. Superintending Victualling Store Officer, Sydney, is responsible for the distribution of Far East Orders to RAN ships and establishments.

2. The following orders are to be held permanently by FOCAF and all HMA ships in Annex A to this order:

- a. FEGB Far East Station Guide Book,
- b. FECO Far East Communication Orders.

Issue and supply of amendments will be made automatically. Copies of all orders issued by SVSO will be amended up to last amendment received. Additional authorities hold copies of FECO as shown in Annex A.

3. The following orders are to be held by FOCAF and ships proceeding to the Far East:

- a. FEGB Far East General Orders,
- b. FESUB Far East Orders for Sunken Submarines,
- c. FETM Far East Temporary Memoranda,
- d. HKGO Hong Kong General Orders,
- e. PMI Personnel Movement Instructions on Far East Station,
- f. SGO Singapore General Orders,
- g. SRM Singapore Recreational Memoranda,
- h. Green Book Guide to Summary Punishment,
- i. Blue Book Guide to the Completion of Punishment Returns and the Making Out of Punishment Warrants.

Ships are to demand on SVSO Sydney before departure and unless retention is authorised, to return their copies promptly on return.

4. Where it is expedient for a Far East Order to be transferred between HMA ships, such action should be advised to SVSO by the ship initially holding the order.

5. While ships are in the Far East, issue of new orders and amendments will be made by DAFES. SVSO will be advised of the orders and amendments so issued, to eliminate duplicated supply.

## ANNEX A

## Distribution of Far East Communications Orders

	Ship or Establishment					Total No of Copies Held
HMAS MELBOURNE	..	..	..	..	..	3
HMAS SYDNEY	..	..	..	..	..	1
HMAS ANZAC	..	..	..	..	..	1
HMAS QUEENBOROUGH	..	..	..	..	..	1
HMAS SUPPLY	..	..	..	..	..	1
HMAS STALWART	..	..	..	..	..	1
HMAS PERTH	..	..	..	..	..	1
HMAS HOBART	..	..	..	..	..	1
HMAS BRISBANE	..	..	..	..	..	1
HMAS VAMPIRE	..	..	..	..	..	1
HMAS DUCHESS	..	..	..	..	..	1

**RESTRICTED**

743

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<i>Ship or Establishment</i>	<i>Total No of Copies Held</i>
HMAS VENDETTA .. .. .	1
HMAS YARRA .. .. .	1
HMAS STUART .. .. .	1
HMAS SWAN (on Commissioning) .. .. .	1
HMAS TORRENS (on Commissioning) .. .. .	1
HMAS PARRAMATTA .. .. .	1
HMAS DERWENT .. .. .	1
HMAS DIAMANTINA .. .. .	1
HMAS MORESBY .. .. .	1
HMAS OXLEY .. .. .	1
HMAS OTWAY .. .. .	1
FOCAF .. .. .	1
FOICEA .. .. .	1
Director of Communications .. .. .	1
Darwin Naval Radio Station .. .. .	1
Canberra Naval Radio Station .. .. .	1
Army Small Ships Sydney .. .. .	3
HMAS CERBERUS .. .. .	1
Naval Staff Officer, Austforce Vietnam .. .. .	1

(CEO (GS) 465/201/109)

**UNCLASSIFIED**

**743—Naval Storekeeping Manual (ABR 4)—Revision**

1. The Naval Storekeeping Manual, ABR 4 has been revised to incorporate all instructions promulgated up to and including Navy Order 465 of 1968, excluding Navy Orders 368, 449 and 450 of 1968 which will be incorporated at Change No 1. The revised publication will be reissued as ABR 4 RAN Storekeeping Manual, on the same distribution basis as the current issue, without demand. On receipt, copies of the current issue are to be disposed of in the normal manner.

2. The categories of stores covered by the revised manual are:

- a. Naval Stores:
  - (1) General (including those managed by the Victualling Branch).
  - (2) Electronic and Electrical.
  - (3) Fuel.
- b. Air Stores.
- c. Machinery and Spares.
- d. Motor Transport Stores.
- e. Publications, Forms, Office Machinery, Stationery, etc.
- f. Medical and Dental Stores.
- g. Naval Armament (Gunwharf) Stores.
- h. Weapon Equipment and Spares.

3. Requests for additional copies considered necessary to cover the wider range of stores covered are to be submitted on Forms AS 130 (SA 242) in the normal manner.

(DSAP 465/52/1646)

(Navy Orders 368, 449, 450 and 465 of 1968)

By Authority: A. J. ARTHUR, Commonwealth Government Printer, Canberra



# AUSTRALIAN NAVY ORDER

Navy Office, Canberra,  
26 November 1968.

The enclosed order is promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*Handau.*

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers in  
Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY

## Section 3

## OPERATIONAL AND TRAINING

UNCLASSIFIED

## 744—Sailors Course Programme—1969

- The programme of sailors courses for 1969 is shown in the Annex to this order.
- The duration of courses shown is the period specified in appropriate syllabuses and actual course lengths may vary because of leave periods and ceremonial commitments. Training establishments are to report changes in completion dates of courses in monthly training returns, Form AS 3113 (PE 106) or earlier if necessary, stating reasons.
- Re-engagement categories are currently as follows:
  - Group A—3 years.
  - Group B—2 years.
  - Group C—1 year.
  - Group D—No specific requirement but sailors will not be placed on course unless they have 9 months to serve from date of completion of course.
  - Group E—No specific requirement but sailors will not be placed on course unless they have 6 months to serve from date of completion of course.

Courses are deemed to finish on the Friday of the final week, and the period of service required on completion of a course commences on the following Monday. Re-engagement rules for sailors undergoing courses are laid down in RI Article 0824.

4. Applications to re-engage are to be forwarded on receipt of appropriate posting notes. Should a sailor posted to a course subject to re-engaging not intend to re-engage, this is to be signalled promptly, in order that a replacement may be posted.

5. The EDP course numbers shown in the Annex are the designators used to identify each particular course.

6. Alterations and additions to the course programme will be promulgated by amendments to this order.

7. Navy Order 543 of 1967 is hereby cancelled.

## Amendment List

Amendment No	Authority	Date	Inserted by	Date Inserted

## ANNEX

Branch or Group	EDP No	Course	Location	Duration in Weeks	Re-engagement Category	Starting Dates	Min/Max Nos
Recruits ..	910700	Adult Male Recruit Training Course	CERBERUS ..	12	—	12.1.69 19.7.69 9.2.69 24.8.69 9.3.69 21.9.69 6.4.69 19.10.69 4.5.69 30.11.69 1.6.69	120
	910710	Junior Recruits ..	LEEUWIN ..	48	—	8.1.69 16.7.69	100-200
	910730	Artificer Apprentices	NIRIMBA ..	3½ year	—	9.4.69 15.10.69 13.1.69 7.7.69	92-100
Seaman ..	911990	CPOCOX ..	PENGUIN WATSON ..	5 3	D	10.2.69 11.8.69	2-6
	911910	POQMG..	SEA .. CERBERUS ..	3	C	31.3.69 7.7.69	4-10
	911710	ABQMG ..	PENGUIN ..	19 (4 S'ship) 2 NBCD	—	13.10.69 7.7.69	4-10
	911920	POCD ..	CERBERUS ..	17 (4 S'ship, 1 NBCD)	—	6.1.69(2) 7.7.69(2) 31.3.69(2) 8.9.69(2) 5.5.69(2) 10.11.69(2) 24.2.69	4-8
	911720	ABCD ..	PENGUIN .. WATSON ..	16 (4 S'ship, 2 NBCD) 6	C	13.1.69 18.8.69 5.5.69 3.11.69	8-16
			PENGUIN .. WATSON ..	17 (4 S'ship, 1 NBCD) 4	—		



Branch or Group	EDP No	Course	Location	Duration in Weeks	Re-engage-ment Category	Starting Dates	Min/Max Nos	
Seaman— continued	911700	ORDCD Acceptance	PENGUIN	4	—	13.1.69	14.7.69	4-12
						20.1.69	21.7.69	
						27.1.69	28.7.69	
						3.2.69	4.8.69	
						10.2.69	11.8.69	
						17.2.69	18.8.69	
						24.2.69	25.8.69	
						3.3.69	1.9.69	
						10.3.69	8.9.69	
						17.3.69	15.9.69	
						24.3.69	22.9.69	
						31.3.69	29.9.69	
						14.4.69	6.10.69	
						21.4.69	13.10.69	
						28.4.69	20.10.69	
						5.5.69	27.10.69	
						12.5.69	3.11.69	
						19.5.69	10.11.69	
						26.5.69	17.11.69	
						2.6.69	24.11.69	
903200	Ships Diver	PENGUIN	3	—	13.1.69	14.7.69	4-12	
					20.1.69	21.7.69		
					27.1.69	28.7.69		
					3.2.69	4.8.69		
					10.2.69	11.8.69		
					17.2.69	18.8.69		
					24.2.69	25.8.69		
					2.6.69	24.11.69		

						3.3.69	1.9.69	
						10.3.69	8.9.69	
						17.3.69	15.9.69	
						24.3.69	22.9.69	
						31.3.69	29.9.69	
						14.4.69	6.10.69	
						21.4.69	13.10.69	
						28.4.69	20.10.69	
						5.5.69	27.10.69	
						12.5.69	3.11.69	
						19.5.69	10.11.69	
						26.5.69	17.11.69	
						2.6.59	24.11.69	
903210	Ships Diver	..	LEEWIN	..	3	As required		4-12
911930	POSR	..	PENGUIN	..	18 (4 S'ship, 2 NBCD)	1.5.69		2-10
911730	ABSR	..	PENGUIN	..	17 (4 S'ship, 1 NBCD)	13.1.69	30.6.69	4-10
911940	POUW	..	WATSON	..	7	10.2.69	11.8.69	6-10
			PENGUIN	..	4 S'ship 2 NBCD			
911740	ABUW	..	WATSON	..	5	20.1.69	14.7.69	6-10
			PENGUIN	..	4 S'ship 1 NBCD			
911900	POPT	..	CERBERUS	..	17 (4 S'ship) 2 NBCD	24.2.69		4-10
911800	LSPT	..	CERBERUS	..	23 (2 S'ship)	6.1.69	7.7.69	6-16
911950	PORP	..	WATSON	..	16	20.1.69	14.7.69	4-6
			PENGUIN	..	4 S'ship 2 NBCD			

Branch or Group	EDP No	Course	Location	Duration in Weeks	Re-engage-ment Category	Starting Dates	Min/Max Nos
Seaman— <i>con- tinued</i>	911750	ABRP .. ..	WATSON ..	11	—	13.1.69(2) 14.7.69	4-9
			PENGUIN ..	4 S'ship		17.2.69 25.8.69	
				1 NBCD		24.3.69 3.11.69	
	911960	POUC .. ..	WATSON ..	15	C	19.5.69(2)	5-8
			PENGUIN ..	4 S'ship, 2 NBCD		20.1.69 21.7.69	
	911760	ABUC .. ..	WATSON ..	12	—	13.1.69(2) 11.8.69(2)	7-13
			PENGUIN ..	4 S'ship, 1 NBCD		17.2.69 3.11.69(2)	
911970	POFC .. ..	CERBERUS ..	17 (4 S'ship) 2 NBCD	C	12.5.69	4-10	
911770	ABFC .. ..	CERBERUS ..	15 (4 S'ship, 1 NBCD)	—	3.3.69 8.9.69 5.5.69 10.11.69	4-10	
911980	POWM .. ..	CERBERUS ..	19 (4 S'ship) 2 NBCD	C	24.3.69 7.7.69	4-10	
911780	ABWM .. ..	CERBERUS ..	19 (4 S'ship, 1 NBCD)	—	6.1.69(2) 7.7.69 3.3.69 8.9.69 5.5.69(2) 10.11.69(2)	4-12	
Communica- tions	912910	CY .. ..	CERBERUS .. WATSON .. PENGUIN ..	13 1 2 NBCD	C	27.1.69 21.7.69	3-10
	912710	TO .. ..	CERBERUS ..	29 (1 NBCD)	—	On completion of CO course	4-12
	912920	RS .. ..	CERBERUS ..	17 2 NBCD	C	27.1.69 11.8.69	3-10

	912720	RO .. ..	CERBERUS ..	26 (1 NBCD)	—	On completion of CO course	4-12
	912930	RSS .. ..	HARMAN ..	5	C	24.3.69	3-10
			CERBERUS ..	10			
			WATSON ..	1			
	912730	ROS .. ..	PENGUIN ..	2 NBCD	—	On completion of CO course	4-12
			CERBERUS ..	27 (1 NBCD)			
	912940	DS .. ..	CERBERUS .. PENGUIN ..	7 2 NBCD	D	20.10.69	3-10
	912740	DO .. ..	CERBERUS .. HARMAN (Navy Office)	14 (1 NBCD) 7	—	On completion of CO course	4-12
	912700	CO .. ..	CERBERUS ..	6	—	As required	8-40
	912960	POLIN .. ..	RAAF School of Languages	47	A	20.1.69	3-8
			CERBERUS ..	13			
	912950	POLIN .. ..	RAAF School of Languages	47	A	20.1.69	3-8
			PENGUIN ..	2 NBCD			
	912000	Able Rank Refresher	CERBERUS ..	4	—	13.1.69 14.7.69 14.4.69 13.10.69	As required
	912010	Able Rank Refresher	KUTTABUL (STC)	4	—	13.1.69 14.7.69 14.4.69 13.10.69	As required
Regulating ..	920990	MAA .. ..	CERBERUS ..	5	D	24.3.69	3-6
	920910	RPO .. ..	CERBERUS .. PENGUIN ..	6 2 NBCD	D	5.5.69	3-6
Marine Engi- neer	920810	LPM .. ..	CERBERUS ..	8	D	13.1.69 29.8.69	4-12
	913650	Artificer Diver	PENGUIN ..	4	—	13.1.69 14.7.69	6-12
	953080	CERA/CMECH ..	CERBERUS ..	16	C	10.2.69 11.8.69	6-15
	953090	CERAD/CMECHD	CERBERUS ..	16	C	10.2.69 11.8.69	3-6
	913950	Direct Entry ERA..	CERBERUS .. CERBERUS ..	18 1 NBCD	..	6.1.69 7.7.69	As required

Branch or Group	EDP No	Course	Location	Duration in Weeks	Re-engagement Category	Starting Dates	Min/Max Nos
Marine Engineer—continued	913960	Direct Entry ERAD	CERBERUS ..	18	—	6.1.69 7.7.69	As required
			CERBERUS ..	1 NBCD			
	913930	Mechanician ..	NIRIMBA ..	98	A	20.1.69 14.7.69	5-10
	953930	Mechanician D ..	NIRIMBA ..	98	A	20.1.69	3-5
	913910	POME ..	CERBERUS ..	12	D	17.2.69 10.11.69	6-15
			PENGUIN ..	2 NBCD		18.8.69	
	913920	POMED ..	CERBERUS ..	10	D	3.3.69 1.9.69	6-12
			PENGUIN ..	2 NBCD			
	913940	MTO ..	CERBERUS ..	13	D	10.2.69 11.8.69	15-22
			PENGUIN ..	2 NBCD		12.5.69	
	913980	Mechanician Educational	CERBERUS ..	4	—	19.5.69 17.11.69	10
	913620	TOW ..	CERBERUS ..	10	D	6.1.69 7.7.69	6-15
						31.3.69 29.9.69	See Note 1.
	913630	B and L ..	CERBERUS ..	4	—	20.1.69 7.7.69	4-8
						10.3.69 25.8.69	
					21.4.69 27.10.69		
913710	ME ..	CERBERUS ..	14 (1 NBCD)	—	6.1.69(2) 21.7.69(2)	10-15	
					3.3.69(2) 8.9.69(2)		
					28.4.69(2) 17.10.69(2)		
913720	MED ..	CERBERUS ..	13 (1 NBCD)	—	20.1.69(2) 8.9.69(2)	10-15	
					5.5.69(2)		
913990	CNS ..	NIRIMBA ..	8	D	3.2.69	3-6	
953060	Boiler and Feed Water Testing and Treatment	CERBERUS ..	1	—	As required	4	
913660	Advanced Welding	NIRIMBA ..	12	D	10.3.69	4	

Electrical ..	914920	POEP ..	CERBERUS ..	20	C	27.1.69 4.8.69	4-12
			PENGUIN ..	2			See Note 2.
	914930	POEWE ..	CERBERUS ..	24	C	6.1.69 4.8.69	4-12
			PENGUIN ..	2			
	914940	POEWR ..	CERBERUS ..	29	B	6.1.69 7.7.69	4-12
			PENGUIN ..	2			See Note 3.
	914950	POEC ..	CERBERUS ..	27	B	7.7.69	4-12
			PENGUIN ..	2			
	914710	EMP ..	CERBERUS ..	32 (1 NBCD)	—	As required	6-16
	914720	EMWE ..	CERBERUS ..	35 (1 NBCD)	—	As required	6-16
	914730	EMWR ..	CERBERUS ..	40 (1 NBCD)	—	As required	4-16
	914740	EMC ..	CERBERUS ..	40 (1 NBCD)	—	As required	4-16
	914690	TOW ..	CERBERUS ..	10	D	6.1.69 7.7.69	6-12
							See Note 1.
	954820	Direct Entry SAW Course	CERBERUS ..	51	—	As required	4-12
	954810	Direct Entry SAP Course	CERBERUS ..	45	—	As required	4-12
			WATSON ..	7			
	954830	Direct Entry SAC Course	CERBERUS ..	51	—	As required	4-12
	914990	CEA Confirmation Course	CERBERUS ..	3	—	As required	As required
	954870	Conversion Course to SAP and CSAP (Ex EA, CEA)	CERBERUS ..	28	B	As required	3-8
			WATSON ..	10			
	954860	Conversion Course to SAP and CSAP (Ex OA, COA)	CERBERUS ..	34	B	As required	3-8
			WATSON ..	4			
954840	Conversion Course to SAW and CSAW (Ex EA, CEA)	CERBERUS ..	53	A	As required	3-8	
954880	Conversion Course to SAW and CSAW (Ex OA, COA)	CERBERUS ..	63	A	As required	3-8	

Branch or Group	EDP No	Course	Location	Duration in Weeks	Re-engagement Category	Starting Dates	Min/Max Nos
Electrical— <i>continued</i>	954890	Conversion Course to SAW and CSAW (Ex EAR, CEAR)	CERBERUS ..	27	B	As required	3-8
	954850	Conversion Course to SAC and CSAC (Ex EA, CEAC)	CERBERUS ..	63	A	As required	3-8
	954910	Conversion Course to SAC and CSAC (Ex EAR, CEAR)	CERBERUS ..	45	A	As required	3-8
Naval Airmen	915370	SAR Divers ..	PENGUIN .. ALBATROSS ..	3 4	—	8.4.69	3-5
	915960	POACM ..	ALBATROSS .. WATSON ..	20 1	C	As required	As required
	915910	POAAH ..	PENGUIN .. ALBATROSS ..	2 NBCD 5	D	3.3.69 29.9.69	4-12
	915710	NAAH ..	PENGUIN .. ALBATROSS ..	2 NBCD 5	—	20.1.69 21.7.69	4-12
	915320	ORDNA .. ORDNAM ORDEMA	PENGUIN .. ALBATROSS ..	1 NBCD 1	—	14.4.69 10.11.69	As required
	915920	POAMET ..	ALBATROSS .. PENGUIN ..	6 2 NBCD	D	9.6.69	2
	915720	NAMET ..	WATSON .. ALBATROSS .. PENGUIN ..	4 9 1 NBCD	—	3.2.69 4.8.69	4-6

Air Engineer- ing	915930	POAPHOT ..	ALBATROSS .. PENGUIN ..	14 2 NBCD	D	10.2.69	2-4
	915730	NAPHOT ..	ALBATROSS .. PENGUIN ..	17 1 NBCD	—	21.7.69	4-6
	915940	POASE ..	ALBATROSS .. PENGUIN ..	7 2 NBCD	D	9.6.69	2-4
	915740	NASE ..	ALBATROSS .. PENGUIN ..	12 1 NBCD	—	3.2.69 8.9.69	3-8
	916940	MECHW ..	NIRIMBA ..	46	A	20.1.69	4-12
	916930	MECHAE ..	NIRIMBA ..	46	A	20.1.69	4-12
	916920	POAMAE ..	ALBATROSS .. PENGUIN ..	39 2 NBCD	B	17.2.69	4-16
	916820	LAMAE ..	ALBATROSS ..	11	D	26.5.69	4-12
	916720	NAMAE ..	ALBATROSS .. PENGUIN ..	11 1 NBCD	—	3.3.69 25.8.69	4-12
	916910	POAMW ..	ALBATROSS .. PENGUIN ..	27 2 NBCD	B	21.4.69	4-12
916810	LAMW ..	ALBATROSS ..	10	D	2.6.69	4-12	
916710	NAMW ..	ALBATROSS .. PENGUIN ..	12 1 NBCD	—	3.3.69 25.8.69	4-12	
916220	TOW ..	CERBERUS .. ALBATROSS ..	8 2	D	20.1.69 11.7.69	2-6	
Air Electrical	917910	POEAW ..	CERBERUS .. ALBATROSS ..	12	D	4.8.69	4-8 See Note 2.
	917920	POEAC ..	CERBERUS .. ALBATROSS ..	24	C	7.7.69	4-8 See Note 3.
	917720	EMAC ..	ALBATROSS ..	17	C	20.1.69 20.10.69 16.6.69	8-12
	917710	EMAW ..	ALBATROSS ..	17	C	20.1.69 20.10.69 16.6.69	8-12
	917580	TOW ..	CERBERUS .. ALBATROSS ..	8 2	D	6.1.69 7.7.69	6-12 See Note 1.

Branch or Group	EDP No	Course	Location	Duration in Weeks	Re-engage-ment Category	Starting Dates	Min/Max Nos
Medical and Dental	918910	POSBA .. ..	CERBERUS .. PENGUIN ..	3 2 NBCD	E	12.5.69 20.10.69	2-8
	918710	SBA .. ..	CERBERUS or	37 (1 NBCD)	—	10.2.69 25.8.69	3-12
	918720		PENGUIN			5.5.69 24.11.69	
	918360	Hygiene Inspector ..	Army School of Health	39	B	As required	As required
	918380	Dispenser ..	CERBERUS or	38	B	10.2.69 18.8.69	1
	918390		PENGUIN				
	918200	Laboratory Assistant	CERBERUS or	12	A	10.2.69 18.8.69	2
	918210		PENGUIN				
	918220	X-ray Assistant ..	Public Hospital ..	44			
	918230		CERBERUS or	12	B	10.2.69 18.8.69	2
			PENGUIN				
	918240	Operating Room Attendant	Public Hospital ..	26			
	918250		CERBERUS or	12	B	10.2.69 18.8.69	2
			PENGUIN				
	918260	Aviation Medicine ..	ALBATROSS ..	26	C	10.2.69 11.8.69	1-2
	918270	Advanced Nursing ..	CERBERUS or	12	B	19.5.69 6.10.69	1-2
	918280		PENGUIN				
			Public Hospital ..	26			
918290	Masseur ..	CERBERUS ..	38	B	28.4.69	1	
918400	Masseur Requal. ..	CERBERUS ..	6	D	As required	1	
918330	Underwater Medicine	PENGUIN ..	26	C	20.1.69 28.7.69	1-2	
918810	Dental Mechanic Conversion	CERBERUS ..	50	A	As required	1-3	
918350	Advanced Dental Mechanic	United Dental Hospital, Sydney	1 to 2 years	A	As required	1-2	

Supply and Secretariat	918930	PODA .. ..	CERBERUS .. PENGUIN ..	4 2 NBCD	E	As required	1-2
	918730	DA .. ..	CERBERUS ..	17 (1 NBCD)	—	17.2.69 10.11.69	1-6
						7.7.69	
	918410	Dental Hygienist ..	CERBERUS ..	17	C	As required	6-12 (including Army and RAAF)
	919910	POWTR .. ..	CERBERUS .. PENGUIN ..	3 2 NBCD	E	17.2.69 25.8.69	4-10
	919710	WTR .. ..	CERBERUS ..	13 (1 NBCD)	—	20.1.69 15.9.69	4-10
						28.4.69 3.11.69	
						14.7.69	
	919920	POCK .. ..	CERBERUS .. PENGUIN ..	4 2 NBCD	E	13.1.69 13.10.69	2-5
	919820	LCK .. ..	CERBERUS ..	4	E	20.1.69 21.7.69	2-5
						17.2.69 18.8.69	
						17.3.69 15.9.69	
						14.4.69 10.11.69	
						12.5.69	
919720	CK .. ..	CERBERUS ..	17 (1 NBCD)	—	13.1.69 28.7.69	3-10	
					17.2.69 25.8.69		
					17.3.69 22.9.69		
					14.4.69 3.11.69		
					19.5.69 24.11.69		
919930	POSTD .. ..	CERBERUS .. PENGUIN ..	3 2 NBCD	E	27.1.69 18.8.69	4-10	
919730	STD .. ..	CERBERUS ..	6 (1 NBCD)	—	13.1.69 28.7.69	4-10	
					10.3.69 29.9.69		
					5.5.69 27.10.69		
					2.6.69		
919940	POSN .. ..	CERBERUS .. PENGUIN ..	3 2 NBCD	E	24.2.69 25.8.69	4-10	

Branch or Group	EDP No	Course	Location	Duration in Weeks	Re-engage-ment Category	Starting Dates	Min/Max Nos
Supply and Secretariat —continued	919740	SAN .. ..	CERBERUS ..	6 (1 NBCD)	—	20.1.69 14.7.69	
	919950	POSV .. ..	CERBERUS ..	3	E	5.5.69 27.10.69	4-10
			PENGUIN ..	2 NBCD		3.3.69 25.8.69	4-10
	919750	SAV .. ..	CERBERUS ..	7 (1 NBCD)	—	20.1.69 7.7.69	4-10
						28.4.69 3.11.69	
Musicians ..	921990	CPOMUSN ..	CERBERUS ..	42	A	6.1.69	2
	921920	POMUSN ..	CERBERUS ..	22	C	6.1.69	2-4
			PENGUIN ..	2 NBCD			
	921720	MUSN .. ..	CERBERUS ..	61 (1 NBCD)	—	As required	As required
	921710	OMUSN ..	CERBERUS ..	12	—	As required	As required
	921700	JMUSN ..	CERBERUS ..	8	—	As required	As required
WRANS ..	907700	Rct. Pt. 1 Training	CERBERUS ..	4½	—	7.1.69 22.7.69	20-40
						18.2.69 26.8.69	
						1.4.69 7.10.69	
						13.5.69 11.11.69	
	947700	OTC Supply ..	CERBERUS ..	4	—	21.4.69 17.11.69	3-8
	947710	OTC Communi- cations	CERBERUS ..	6	—	19.5.69	3-8
	947720	OTC Administration	CERBERUS ..	10	—	28.7.69	3-8
	907510	OTC NBCD and First Aid	CERBERUS ..	1½	—	On completion of 947720	3-8
	907930	WRRST ..	CERBERUS ..	8	D	3.2.69 15.9.69	3-10
	907940	WRRSM ..	HARMAN or and	6	D	As required	3-10
	937940		HARMAN and WATSON ..	5 1			

937710	WRRO Section A..	CERBERUS ..	6	—	10.2.69 25.8.69	4-16
					24.3.69 29.9.69	
					12.5.69 10.11.69	
					16.6.69	
937740	WRROM Section B	CERBERUS ..	6	—	On completion WRRO SECT A	As required
	WRROM Section C	HARMAN ..	8	—	On completion WRROM SECT B	As required
937730	WRROT.. ..	CERBERUS ..	9	—	On completion WRRO SECT A	As required
		RAAF School of Languages	47			
907950	POWRLIN ..	CERBERUS ..	13	A	As for POLIN	As required
937950	POWRLIN ..	RAAF School of Languages	47	A	As for POLIN	As required
907960	POWRSBA ..	CERBERUS ..	3	E	As for POSBA	As required
907760	WRSBA (Prob.) Sect. 1 Pt. 2	CERBERUS ..	12	—	As for SBA	3-20
937760	WRSBA Sect. 2 Pt. 2	CERBERUS or PENGUIN	12	—	On completion Sect. 1 Pt 2	3-20
947760			12			
907970	POWRWTR ..	CERBERUS ..	3	E	As for POWTR	As required
907770	WRWTR ..	CERBERUS ..	8	—	6.1.69 25.8.69	2-8
					24.3.69 10.11.69	
					16.6.69	
907750	WRWTRST ..	CERBERUS ..	As required	..	24.3.69 29.9.69	As required
		Business College			7.7.69	
907980	POWRSV ..	CERBERUS ..	3	E	As for POSV	As required
907780	WRSV ..	CERBERUS ..	5	—	24.3.69 29.9.69	2-8
907910	POWRCK ..	CERBERUS ..	4	E	As for POCK	As required
907810	LWRCK.. ..	CERBERUS ..	4	E	As for LCK	As required
907710	WRCK ..	CERBERUS ..	8	—	6.1.69 29.9.69	2-8
					16.6.69	
907990	POWRSTD ..	CERBERUS ..	3	E	As for POSTD	As required
907790	WRSTD ..	CERBERUS ..	8	—	10.2.69 25.8.69	2-10
					12.5.69 10.11.69	

Branch or Group	EDP No	Course	Location	Duration in Weeks	Re-engagement Category	Starting Dates	Min/Max Nos
WRANS— continued	907830	LWRREG ..	CERBERUS ..	13	D	24.2.69 25.8.69	As required
	907920	POWRRP ..	WATSON ..	8	D	As required	3-6
	907820	LWRRP ..	WATSON ..	7	D	As required	3-6
	907720	WRRP ..	WATSON ..	6	—	13.1.69 21.7.69	3-6
	907300	WRRP (Navigators Yeoman)	WATSON ..	4	—	24.3.69 29.9.69	As required
	907310	WRRP (Film As- sessor Weapons)	KUTTABUL ..	1	—	As required	As required
	907330	WRMTD ..	ALBATROSS ..	6	—	13.1.69 11.8.69 24.2.69 22.9.69 8.4.69 3.11.69 9.6.69	2-4
General and Miscella- neous	902320	MTM ..	ALBATROSS ..	6	D	As required	2-6
	902301	MTDI ..	RAASC ..	8	D	As required	6-12
	902310	MTD ..	ALBATROSS ..	6	D	13.1.69 11.8.69 24.2.69 22.9.69 8.4.69 3.11.69 9.6.69	6-12
	902340	PO Leadership ..	CERBERUS ..	6	D	6.1.69 14.7.69 17.2.69 25.8.69 31.3.69 6.10.69 12.5.69	10-30
	902390	Standard NBCD ..	CERBERUS ..	1	—	6.1.69 7.7.69 13.1.69 14.7.69 20.1.69 21.7.69 27.1.69 28.7.69 3.2.69 4.8.69	6-18
						10.2.69 11.8.69 17.2.69 18.8.69 24.2.69 25.8.69 3.3.69 1.9.69 10.3.69 8.9.69 17.3.69 15.9.69 24.3.69 22.9.69 31.3.69 29.9.69 7.4.69 6.10.69 14.4.69 10.10.69 21.4.69 13.10.69 28.4.69 27.10.69 5.5.69 3.11.69 12.5.69 10.11.69 19.5.69 17.11.69 26.5.69 24.11.69 2.6.69 1.12.69 9.6.69 8.12.69	
	902400	Standard NBCD ..	PENGUIN ..	1	—	13.1.69 14.7.69 27.1.69 21.7.69 3.2.69 28.7.69 10.2.69 4.8.69 17.2.69 11.8.69 24.2.69 18.8.69 3.3.69 25.8.69 10.3.69 15.9.69 24.3.69 22.9.69 7.4.69 6.10.69 21.4.69 13.10.69 5.5.69 20.10.69 11.5.69 3.11.69 26.5.69 17.11.69 2.6.69 1.12.69 16.6.69 15.12.69 7.7.69	6-24

Branch or Group	EDP No	Course	Location	Duration in Weeks	Re-engage-ment Category	Starting Dates	Min/Max Nos	
General and Miscellaneous—continued	902410	Advanced NBCD ..	PENGUIN ..	2	—	13.1.69	28.7.69	10-24
						27.1.69	4.8.69	
						3.2.69	11.8.69	
						17.2.69	25.8.69	
						24.2.69	1.9.69	
						10.3.69	15.9.69	
						17.3.69	22.9.69	
						7.4.69	6.10.69	
						21.4.69	13.10.69	
						28.4.69	20.10.69	
						12.5.69	27.10.69	
						19.5.69	10.11.69	
						26.5.69	17.11.69	
						2.6.69	1.12.69	
9.6.69	8.12.69							
14.7.69								
954380	Director Aim Camera	KUTTABUL ..	1	—	As required	1		
902470	ET1 .. ..	WATSON ..	2	—	21.3.69	5.9.69		

Note 1—Numbers are a combined total for Courses 913620, 914690 and 917580, the first 8 weeks of which are common to all courses.  
 Note 2—Total of courses 914920 and 917910 not to exceed 16.  
 Note 3—Total of courses 914940 and 917920 not to exceed 16.

(DMT 311/201/281)

(Navy Order 543 of 1967)

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ANO's 745-758/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
26 November 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

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## Section 1

### ADMINISTRATIVE AND GENERAL

#### UNCLASSIFIED

#### 745—Application of Electronic Data Processing to Naval Allotment Payment System

1. It is planned to commence processing naval allotment payments by computer during 1969.
2. Perhaps the most significant change so far as members are concerned will be the replacement of the existing system of Post Office allotments by direct cheque payments to allottees. This change is expected to occur in March 1969, but adequate notice will be given both to all authorities and to allottees concerned.
3. No changes are expected in the other methods of payments in Australia except that allotments to Trading concerns, to Life Assurance Companies and to others presently receiving payment by cheque every 28 days will be paid fortnightly by cheque.
4. The new system will use new forms in place of the existing Forms FN 115 (Allotment Stoppage) and FN 116 (Allotment Declared or Altered). The new forms will be introduced in advance of the computer system, probably early in 1969.
5. A comprehensive order detailing the new procedures will be issued later.

(DNA 178/1/51)

#### UNCLASSIFIED

#### 746—RAN Squadron and Ship Nomenclature

Navy Order 522 of 1968 is to be amended as follows:

**Security Classification above Title**

*Delete* 'Restricted' and *insert* 'Unclassified' in lieu.

(DGOP 1211/251/116)

(Navy Order 522 of 1968)

RESTRICTED

747—Security Classification of Covering Correspondence

1. The current procedure for the classification of correspondence covering classified attachments is laid down in ACB 0337 which states:

'Each attachment or appendix to a document must be graded on its own merits. However, the overall classification of the document must be that of its highest classified portion, appendix or attachment.'

2. This practice could lead to the accumulation of quantities of highly classified but comparatively innocuous documents after the attachments have been removed. Also, it could be harmful to good security in that it leads to a depreciation of the value of the security classification system.

3. To overcome the problem, correspondence with attachments should be classified in accordance with ACB 0337. Where necessary a rider should be added in less prominent type to the classification as follows:

'Downgraded to (insert amended classification) when attachment/s removed.'

It is emphasised that, in such a case, the classification must be strictly in accordance with the contents of the covering letter.

(DNI 1617/206/29)

Section 2

PERSONNEL

UNCLASSIFIED

748—Erection of Headstones on Graves of Deceased Naval Personnel

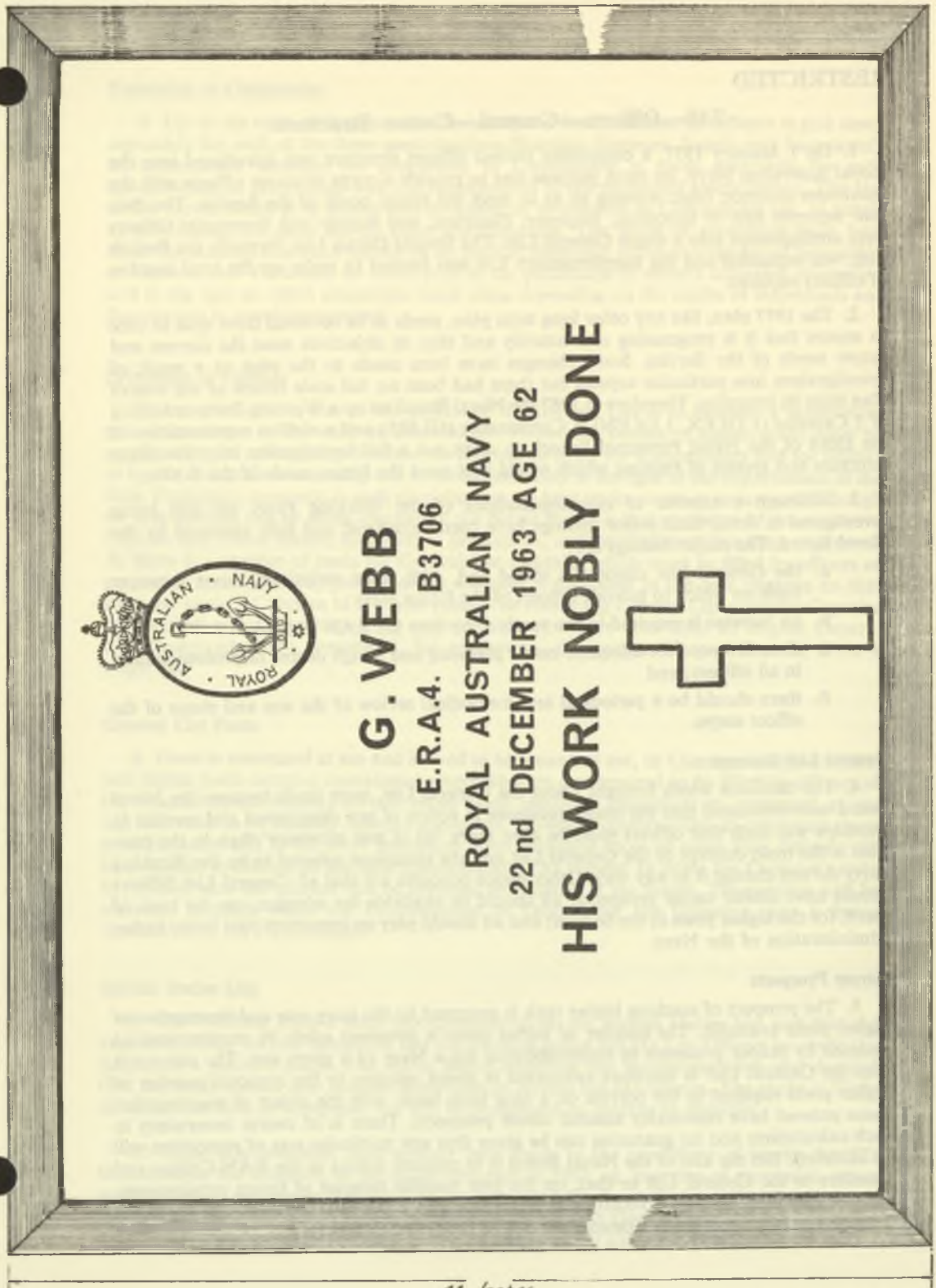
1. A 'Non-war type bronze memorial plaque' is now available for purchase by next-of-kin for erection over graves of deceased Naval Personnel buried in other than Naval Cemeteries.

2. The plaques are manufactured by Arrow Engraving Pty Ltd, 285 Tooronga Road, Glen Iris, Victoria 3146 and applications for purchase by next-of-kin are to be directed to Commonwealth War Graves Commission for verification. In the case of ex-service members dependants are to be advised to apply direct through the Commonwealth War Graves Commission.

3. The overall measurement of the plaque is 15 in x 11 in (sketch appears as the Annex to this order) and cost, including postage is \$23. Personal inscription is limited to 2 lines.

4. Generally the plaque is acceptable to Cemetery Trusts however some lawn cemeteries limit the type and size of plaques erected and the next-of-kin should be advised to consult the cemetery regarding acceptance prior to placing the order.

5. The contents of this order are to be brought to the notice of officers appointed to visit next-of-kin of deceased members.



11 inches

15 inches

**RESTRICTED****749—Officers—General—Career Structures**

1. On 1 January 1957, a completely revised officers structure was introduced into the Royal Australian Navy. Its main purpose was to provide a corps of career officers with the maximum common basic training so as to meet the future needs of the Service. The then four separate lists of Executive, Engineer, Electrical, and Supply and Secretariat Officers were amalgamated into a single General List. The Special Duties List, formerly the Branch List, was expanded and the Supplementary List was formed to make up the total number of officers required.

2. The 1957 plan, like any other long term plan, needs to be reviewed from time to time to ensure that it is progressing satisfactorily and that its objectives meet the current and future needs of the Service. Some changes have been made to the plan as a result of investigations into particular aspects but there had been no full scale review of the overall plan since its inception. Therefore in 1967 the Naval Board set up a Working Party consisting of 2 Captains (1 GLEX, 1 GLEN), 1 Commander (GLSU), and a civilian representative of the Head of the Naval Personnel Branch to carry out a full investigation into the officer structure and system of training which would best meet the future needs of the RAN.

3. Although a number of recommendations of the Working Party are still being investigated in detail their major findings have been considered and fully endorsed by the Naval Board. The major findings are:

- a. the General List concept is sound and, with some variations, forms a proper basis on which to provide officers of the future Navy;
- b. an increase is required in the yearly entry into the RAN College;
- c. there is a need for adequate career planning and a high degree of professionalism in all officers; and
- d. there should be a periodical and methodical review of the size and shape of the officer corps.

**General List Concept**

4. The decisions which brought about the General List, were made because the Naval Board were convinced that the interdependence in action of one department and another in warships was such that officers must be even more 'all of one company' than in the past. This is the main concept of the General List and the variations referred to by the Working Party do not change it in any way. Other major concepts are that all General List Officers should have similar career prospects; all should be available for selection, on the basis of merit, for the higher posts in the Service; and all should play an important part in the higher administration of the Navy.

**Career Prospects**

5. The prospect of reaching higher rank is governed by the entry rate and the number of higher posts available. The number of higher posts is governed solely by requirements as assessed by proper processes of complementing for a Navy of a given size. The entry rate into the General List is therefore calculated in direct relation to the expected number of higher posts required in the Service on a long term basis, with the object of ensuring that those entered have reasonably assured career prospects. There is of course uncertainty in such calculations and no guarantee can be given that any particular rate of promotion will be achieved. But the aim of the Naval Board is to regulate entries to the RAN College and transfers to the General List so that, on the best possible forecast of future requirements, such officers may have an expectation that not less than 6 out of 10 of them who reach the average age of promotion to Commander can be promoted to that rank.

**Promotion to Commander**

6. Up to the rank of Commander (inclusive) the Establishment of Officers is laid down separately for each of the three specialisations (Seaman, Engineer, Supply and Secretariat). In consequence selection for promotion to Commander is made separately for each specialisation in accordance with the requirements of the particular specialisation. The aim of the Naval Board is to ensure that prospects of promotion to Commander are, as nearly as practicable, the same for all three specialisations. The zones of promotion have been made the same so that there should be no marked difference in the average age of promotion to Commander. Variations do occur both in the percentage of officers achieving promotion and in the ages at which promotion takes place depending on the merits of individuals and fluctuations in numbers required.

**Promotion to Captain**

7. As stated above, one of the objects of the General List is to produce a satisfactory promotion factor to the rank of Commander. Promotion factors to higher ranks must be governed by the relationship between the number of posts for Commanders and for officers of higher rank; this relationship can be determined only in the light of the requirements of the time. Promotion prospects in each specialisation are kept under constant review and although no firm forecast can be given, the aim of the Naval Board is that prospects of promotion to Captain and above should be better, if practicable, and certainly not less than at present. As there is a number of posts for General List Captains which must be filled by officers of particular specialisations, promotion to Captain is regulated in the first instance so that there are enough Captains to fill these posts. The remaining General List posts for Captains are 'pooled' and after vacancies in each specialisation have been filled all eligible General List Commanders are considered, for promotion, irrespective of specialisation, from a single list.

**General List Posts**

8. Posts in command at sea and second in command at sea, or Commander (Air) at sea, and higher posts carrying operational responsibilities are required to be filled by officers of the Seaman specialisation; certain shore posts requiring experience in command at sea will also need to be filled by Seaman specialists. However, opportunities to command shore establishments and to fill other important posts including those of some Flag Officers will be available to officers of all three specialisations. At present 16 posts for Captains are to be 'pooled' and the number can be expected to increase in the future. The position will be reviewed annually when the Establishment of Officers for the following year is being considered by the Naval Board.

**Special Duties List**

9. The Working Party's main recommendation on the Special Duties List was that the adequacy of the current categories and the training policy for SD List Officers be made the subject of a separate study. The Naval Board endorsed this recommendation and decided that the study should also include conditions of service for SD officers. The study is likely to take some time to complete, but will be progressed as quickly as possible.

10. Some improvements have already been made to the conditions of service for SD Officers since the inception of the officer structure in 1957, eg, lowering of promotion zones and changes in pay scales. The SD List has expanded by about 46 per cent and with some minor exceptions SD Officers are now interchangeable with General List Officers of similar rank; many posts at sea and on shore are complemented for either GL or SD.

11. Also since the inception of the present structure the ratio of Lieutenant-Commanders SD and above to Lieutenants SD and below has increased by about 56 per cent and the average age on promotion to Lieutenant-Commander has been reduced from about 45½ to 43 years. Promotion to Lieutenant SD is now virtually automatic at 2 years seniority as a Sub-Lieutenant.

12. Although RI, Article 0558 refers to transfers of SD Officers to the General List in exceptional circumstances none has occurred since the inception of the present officer structure. Consideration is now being given to formulating rules for such transfers so that outstanding SD Officers can be selected for transfer at an age which will allow them reasonable prospects for promotion to Commander GL and beyond.

#### Supplementary List

13. The Supplementary List was introduced to augment the General and SD Lists to provide the required number of junior officers. The List consists of officers who are trained specifically as Seamen, Pilots and Observers, or Air Traffic Control officers, Engineering, or Supply Secretariat officers and whose duties up to the rank of Commander are in the main associated solely with the requirements of the category in which they are specifically trained. The List is now about 2½ times its original size when it consisted mainly of aircrew; further expansion is contemplated mostly in the Seaman category.

14. So far, few Supplementary List Officers, except aircrew, have been transferred to the General List. This is because the scheme, other than for aircrew, has not been in force long enough for many to become eligible. But it is intended by the Naval Board that Midshipman Entry SL (EX, EN and SU) officers be considered for transfer as junior Lieutenants. RI is being amended to ensure that recommendations for transfer are included in periodical reports on Forms AS 206 (PP 101).

15. Except for aircrew the Naval Board have decided that there will be no further permanent commissions granted on the Supplementary List as those officers considered suitable for permanent commissions will be transferred to the General List. But if a suitable officer does not desire transfer to the General List he may be granted extensions of service on the Supplementary List.

#### Instructor Branch

16. A review of the Instructor Branch was made in 1962 by a committee consisting of the then Director of the Naval Education Service, two other Captains (1 GLEX, 1 GLSU), and the Head of the Naval Personnel Branch. This committee concluded, inter alia, that the Instructor Branch should not form part of the General List. This conclusion was endorsed by the Naval Board and was in accordance with the original decision made when the General List was introduced.

17. Nonetheless a further investigation, stemming from the recommendations of the 1967 Working Party, is to be made into the feasibility of transferring selected volunteer Instructor Officers to the General List either as Seamen or Engineer (Weapons Electrical) specialists.

#### RAN College

18. Current planning has taken into account the requirement for an increase in the numbers of Cadet Midshipmen to be entered each year. It is hoped that the advantages of tertiary education for those capable of undertaking degree courses will produce the required number of candidates. It is also hoped that improvements may be made in the Naval Scholarships which are offered to promising secondary school students.

#### Career Planning

19. The overall shortage of officers creates undue posting turbulence and militates against adequate implementation of career plans, but the Personnel Directorates are being re-organised so that even more attention can be given to this most important aspect of

conditions of service. By the end of 1968 it is intended that some of the extraneous functions of the Directorate responsible for officers postings and career planning will be transferred to other Personnel Directorates so that the planning of careers for all officers may be more effective.

#### Reviews of Officer Structures

20. The re-organisation referred to in Paragraph 19 includes a Planning Section which will be charged with the specific responsibility of reviewing the size and shape of the officer corps.

21. The Naval Board take this opportunity to express their appreciation of the way in which officers of all Lists, Specialisations and Branches are accepting the heavy commitments which have to be met by the Service, aggravated as they are by shortages in nearly all categories. The Naval Board are fully aware of the need to make conditions of service for all officers such as to attract and retain the number and quality of officers the Service requires.

(DOA 303/201/68)

#### RESTRICTED

#### 750—Recommendation for Submarine Command

Navy Order 243 of 1968 is to be amended as follows:

##### Paragraph 2 b.

a. *Delete* first sentence, and *insert* the following in lieu:

'The reports, in duplicate, are to be forwarded through the Squadron Commander to FOCAF who is to forward one copy to Navy Office.'

##### Annex—Heading

b. *Add* the following as final heading in Annex proforma:

'Flag Officer's Remarks.'

(DOA 312/203/119)

(Navy Order 243 of 1968)

#### UNCLASSIFIED

#### Section 3

#### OPERATIONAL AND TRAINING

#### 751—Training in Passing and Receiving Orders and Attention to Matters of Detail

1. The Naval Board desires that Captains of HMA ships and establishments impress on all officers and senior ranks concerned with the training of junior sailors and junior artificers, the great importance which must be placed on attention to small details associated with routine tasks.

2. All men under initial training, both at sea and ashore are to be given practical instruction in the correct method of passing and receiving verbal messages. It is essential that this initial training is consolidated later at sea and ashore.

3. Navy Order 565 of 1965 is hereby cancelled.

(DMT 311/201/192)

(Navy Order 565 of 1965)

RESTRICTED

## Section 4

## EQUIPMENT, STORES AND SERVICING

## 752—Cables, Glands and Wiring—Cables—Semi-air Spaced Aluminium Sheathed—Installation—Precautions to be Observed—Amendment

(DCI (RN) 1320/1966 and DCI (RN) 814/1967)

Navy Order 461 of 1968 is to be amended as follows:

## Paragraph 2.

- a. amend '0461-180779' to read '0561-180779'.
- b. amend '0461-180779' to read '0561-180779'.

(DSAP 177/201/19)

(Navy Order 461 of 1968)

UNCLASSIFIED

## 753—Fixed Issuing Prices for Provisions and Victualling Allowances as From 1 October 1968

1. The price list for fresh fruit and vegetables which has operated since 1 July 1968 has been amended.
2. A revised price list, operative from 1 October, 1968, has been distributed to all HMA ships and establishments.
3. The following rates of victualling allowances per head per day will continue to apply as from 1 October 1968:

	Ashore \$	Afloat \$
Messes of 50 or less victualled from a separate galley .. .. .	0.80	0.82
All other messes of 300 or less .. .. .	0.79	0.80
Messes of more than 300 .. .. .	0.77	0.79
Additional for ships of the Strategic Reserve and for ships deployed with the USN in the Far East .. .. .	..	0.04
Supplementary 'Broadside' messing allowance for HMA Ships ANZAC, DIAMANTINA, DUCHESS and QUEENBOROUGH .. .. .	..	0.01
HMAS MELVILLE .. .. .	0.82	..
HMAS TARANGAU .. .. .	0.84	..
Cadets at RANC .. .. .	..	..
Junior Recruits at Training Establishments .. .. .	..	..
Apprentices at RANATE .. .. .	..	..
Australian Sea Cadets attending Camps and Courses .. .. .	0.88	*

\* The allowance of 88 cents per day for Cadet Midshipmen, Junior Recruits, Apprentices and Australian Sea Cadets is increased to 90 cents per day when victualled on board ships undergoing training and when messes separately.

4. Navy Order 462 of 1968 is hereby cancelled.

(D of V 903/51/147)

(Navy Order 462 of 1968)

UNCLASSIFIED

## 754—Metals—Heat Treatment of Important Zinc Coated Structures

1. A case has occurred recently where a fabricated snort mast was heat treated without first removing the galvanised coating. Because of the serious danger of embrittlement of the steel due to zinc penetration, this snort mast was immediately removed from service and replaced.

2. Important structures, such as snort masts, submarine external battery ventilation piping and other important pipe-work, should in general not be heat treated, eg, stress relieved or normalised, after zinc coating. If in any particular case, it is necessary for a structure which has already been zinc coated to be heat treated, then Naval Board instructions are first to be obtained.

3. Navy Order 733 of 1965 is hereby cancelled.

(ACDC 1211/52/85)

(Navy Order 733 of 1965)

UNCLASSIFIED

## 755—Naval Stores—Identification and Reclassification—Chronograph Wrist Watches—Transfer From Hydrographic Stores to Naval Stores

1. As from the date of this order chronograph wrist watches formerly dealt with as Hydrographic Stores under the identification HS 9 are to be dealt with as Naval Stores and re-identified as follows:

Group Class	Catalogue Number	Description	Denom	Acctg Classification
0552	924-3305	Watch, Wrist, Chronograph .. .. .	No	P

2. Any of these watches held on charge in ships and establishments in the AH 77, Hydrographic Instruments Account are to be transferred to the Supply Officers charge on Forms AS 549 (SX 125/SX 126) and recorded in the Naval Store Account under their new identity. On transfer to the Naval Store Account the items are to be dealt with as important stores in accordance with ABR 4 Article 1813. Subsequent issues are to be made in accordance with ABR 4, Chapter 12.

3. Existing Naval Store ledger pages for HS 9 Watches are to be re-identified and dealt with in accordance with ABR 4 Article 1812.

4. The procedure detailed in ABR 4 Article 2623 in respect of issues of the watches to aircrew is to be varied as follows:

- a. Copies of internal issue and return vouchers, Forms SX 100 are no longer to be forwarded to the Hydrographer, RAN.
- b. The return, Form AH 394 (SA 142) of watches held on charge and on personal loan is no longer to be rendered to the Hydrographer, RAN.
- c. Demands and returns are to be made in accordance with the normal Naval Store procedure.

5. ABR 4 will be amended.

(DSAP 452/51/136)

**RESTRICTED**

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UNCLASSIFIED

**756—Stores General—ABR 5074 RAN Catalogue of Stores—Change of Catalogue Data—Introduction of Effective Date**

1. To ensure that in future changes of catalogue data are effected by HMA ships and commissioned establishments and that arrangements are made by other authorities for these changes to be effected at the same time as they are recorded at the Navy EDP Centre, an 'effective date' will be included in all Navy Orders advising of change of stock number, catalogue number, status, accounting classification, denomination of quantity, other reference data, etc.

2. The 'effective date' for the change(s) to be instituted will be approximately five weeks from the date of the relevant order.

(DSAP 465/52/1292)

UNCLASSIFIED

**757—Stores General—Issues to HMA Ships and Establishments From RAN Store Depots**

Navy Order 449 of 1968 is to be amended as follows:

**Paragraph 3 c. (1), Lines 1 and 2.**

*Delete* first two lines and *insert* 'Demands are to be lodged in ample time prior to date required for supply.'

(DSAP 400/1/413)

(Navy Order 449 of 1968)

UNCLASSIFIED

**758—Victualling Stores—Demands for Clothing**

1. ABR 93, Chapter 25, Paragraph 5, provides that demands for clothing are to include all dues outstanding on the previous demand, if still required.

2. This provision is now cancelled.

3. Future demands for clothing should take into account those outstanding dues which will be supplied as stocks become available.

(D of V 910/51/79)

**RESTRICTED**



*Registered*  
HISTORIAN

RESTRICTED

ANO 759/68



# AUSTRALIAN NAVY ORDER

Navy Office, Canberra,  
28 November 1968.

The enclosed order is promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*P. Handau.*

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers in  
Charge of HMA Naval Establishments, and others  
concerned.*

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24427/68

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## Section 4

## EQUIPMENT, STORES AND SERVICING

## RESTRICTED

## 759—Safe Custody of Small Arms and Small Arm Ammunition

1. The following instructions consolidate and amplify the regulations and instructions contained in ABR 5016 (Regulations and Instructions for the Royal Australian Navy) and BR 932 for the custody of small arms and small arm ammunition. These instructions should prevent loss and frustrate even a determined thief.

2. All small arms, their major components and ammunition are to be regarded as important stores and their loss is to be reported immediately (RI Article 4962, 4963 and 4964):

- a. to the appropriate police authorities;
- b. to the Naval Board through the administrative authority.

3. A report to the local auditor in accordance with RI Article 4963 (4) should be made if applicable. In nearly all cases it will save time and enhance the possibility of recovery if a formal inquiry is begun at once even though it may have to be adjourned for further information. The vital factor is the maximum information in the minimum time.

## HMA SHIPS

## Registered Number of Small Arms—Recording

4. The registered numbers of all small arms, including signal and Schermuly pistols and 12 bore shot guns, are to be recorded upon receipt.

5. On all occasions when these weapons are mustered or cleaned all mated components are to be checked.

6. The keys of all small arms racks, cupboards and stores containing small arms are Important Keys and the names of persons authorised to draw them are to be listed in the Important Key Book.

7. Issues and returns are to be recorded in the Important Key Book as they occur and are to be signed for by the person drawing the key by the sentry or officer in charge of the keys when returned.

8. The keys of these stowages and the pistol cupboard are not to be kept on the Important Key Board but on the Armament Key Board in a position marked SMALL ARMS—IMPORTANT KEYS, ships having a combined Armament/Important key board excepted. All the keys are to have a metal tally approximately 3 in  $\times$   $\frac{1}{2}$  in with the necessary information stamped on it. (RI Article 2959.)

## Rifles and Rifle Racks (RI Article 3423 (6) and (7))

9. Rifles may be stowed in an approved small arms stowage (armoury), which is to be kept locked with the key on the Armament Key Board. Where there is no armoury they are to be kept stowed in security cupboards or racks in accordance with Navy Office drawings for that class of ship.

10. The security cupboards and racks are to be of such construction that rifles may not be removed from them without considerable force being used.

11. Rifle racks are to be securely fixed to the ships structure, preferably by welding.

## Pistols, Revolver and Pistol Cupboards (RI Article 3423 (6), (8), (9) and (10))

12. Properly fitted cupboards for the authorised allowance of pistols are supplied to all ships and are to be sited in a position where their contents can be supervised by the sentry. Where no sentry is employed, the cupboard is to be sited in the ward-room in such a position that the pistols are easily seen.

13. Cupboards are to be fitted with an electric light to each shelf and the door is to be fitted with a stout wire mesh panel and not glazed.

14. In cases where cupboard doors are secured with a lever lock, the lock is to be replaced by a hasp and staple rivetted to top and bottom of the cupboard and locked by a padlock of high security. Hinge pins are to be rivetted at both ends. (See Navy Office Drawing O/2610, revision No 2.)

15. A locked solid metal bar is to be fitted to each shelf for passing through the trigger guard. The lock is to be of high security.

16. A special book, the Pistol Register, is to be kept inside the pistol cupboard. In the front of the book all pistol registered numbers are to be tabulated according to rack stowage. All issues and returns are to be recorded in the register and a legible signature obtained for each pistol issued. The Explosives Accounting Officer or his deputy is to countersign all issues and returns. It is to be impressed on Officers and Sailors that the pistol is a very attractive item, and special care should be taken to prevent its loss.

17. For each pistol held or issued there must be an individual responsible for its custody. In case of loss, that responsibility is to be brought home. The regulations concerning loss or theft of small arms are to be followed carefully.

18. Where it is necessary to issue pistols to sentries or quartermasters the pistol is always to be worn with the appropriate equipment.

19. Where pistols are turned over from sentry to sentry or quartermaster to quartermaster the turnover is to be governed by written orders signed by the Executive Officer and the turnover is to be recorded and initialled in the deck log by both men concerned.

20. Pistols so issued are to be sighted by the officer doing the main first watch rounds and recorded in the magazine Log Daily Record of Inspections Form AS 285 (iv) (PI 113). The pistol is to be sighted by the Duty Officer/Petty Officer at subsequent watches during the silent hours. The sighting is to be entered in the log.

21. In ships where a sentry supervises the pistol cupboard, the Master-at-Arms is responsible that the sentry reports to the officer doing the main first watch rounds that all keys have been returned, the contents of the pistol cupboard and the number of pistols absent from the cupboard.

22. In ships where no sentry is available for supervising the pistol cupboard the officer doing the main first watch rounds is to satisfy himself personally that the cupboard and contents are correct. He is to note in the Magazine Log Daily Record of Inspections Form AS 285 (iv) (PI 113) the number of pistols sighted and indicate whether this number is correct or incorrect.

23. In order that the state of the cupboard may be immediately appreciated plywood shapes representing pistols are to be placed in vacant positions as follows:

- a. in each space for which no pistol is held a shape painted white is to be inserted.
- b. in each space vacated by a pistol whether issued for use or maintenance a shape painted red is to be inserted.

24. All shapes are to be secured in position by the rod in common with the remaining pistols.

#### Sub-machine Guns

25. Sub-machine guns may be stowed in an armoury which is to be kept locked with the key on the Armament Key Board. Where there is no armoury they are to be stowed in the racks provided and are to be secured with a bar, so constructed that the weapon may not be removed from the rack. The bar is to be secured by a high security padlock. Sub-machine guns are never to be stowed in racks with magazines shipped.

#### Machine Guns

26. Machine guns supplied for the landing organisation are to be stowed in their chests in the approved stowage in the gunners store. Chests are to be kept locked.

27. Machine guns, which form part of the armament of small vessels, when not mounted are to be locked in their chests in the vicinity of the mounting. Chests are to be stowed in a locked compartment when in harbour.

#### Signal Pistols

28. At sea, signal pistols are to be kept in the night signal box which should be kept locked. The key is to be retained by the senior tactical sailor on watch (BR 932, Paragraphs 700 and 701).

29. In harbour, signal pistols should normally be returned to a locked stowage in the gunners store. If one is required to be ready for emergencies in harbour it is to be placed in the charge of the duty Tactical Operator, Quartermaster or Sentry and kept in the night signal box.

30. If kept under the sentry's charge it is to be dealt with in accordance with Paragraphs 20 and 21 of this order.

31. Signal pistols are to be sighted by the Explosives Accounting Officer:

- a. when preparing for sea.
- b. 1600 daily at sea (and in harbour if stowed in the night signal box).
- c. on return to harbour.
- d. weekly in harbour if stowed in the gunners store.

32. Shot guns may be stowed in an armoury. Where there is no armoury they are to be stowed in a locked stowage in the gunners store.

33. Expenditure of small arm ammunition is to be written off charge directly in the ledger as it occurs.

34. During practices, particularly where 12 bore, 9 mm and .22 in cartridges are being used, the officer-in-charge is to take particular care to prevent theft.

35. After any practices, the Accounting Officer is to satisfy himself of the quantity actually expended prior to such expenditure being entered in the ledger.

36. When boxes with unbroken seals are supplied for practice use, the contents as stated on the label are to be accepted, but where boxes with broken seals are issued both the Accounting Officer and the recipient are to satisfy themselves as to the quantity of cartridges therein.

#### Stocktaking and Test Stocktaking

37. Stocktaking is to be carried out in accordance with current accounting instructions. On these occasions small arms are to be mustered by registered numbers.

38. A stocktaking of all valuable and important stores should be made frequently (at least quarterly).

39. In order that an accurate account may be maintained the Accounting Officer is to make tests of stock from time to time. These tests are to be governed in their frequency by the relative attractiveness of the arm or ammunition to the potential thief and the degree of security afforded by preventive measures.

40. Tests of stock should be made to establish both quantity and condition.

41. Small arms are to be mustered once per week or more frequently should the conditions existing at the time render this desirable.

42. Test stocktaking of small arm ammunition is to be made on all occasions when demands are prepared. The quantity remaining on board is to be established by actual count.

43. As small arm ammunition is attractive to the potential thief whether he be a souvenir hunter, disposer or user, the seals of all unopened boxes and the contents of opened boxes are to be checked, once a month.

#### Arms Landed

44. Where arms are landed for service outside the ship they are to be mustered by register number before landing and immediately on return.

45. The officer-in-charge of the party is to sign a receipt for the arms landed and on return is to ensure that the Accounting Officer countersigns the receipt when he is satisfied that the arms in question have been checked and are correct.

46. The instructions in Paragraph 45 will not apply to parties landed for drill where such drill is carried out in the immediate vicinity of the ship and is of short duration.

#### HMA ESTABLISHMENTS

*(Including all establishments guarded by the Naval Dockyard Police)*

#### Register Numbers of Small Arms—Recording

47. The instructions in Paragraphs 4 and 5 apply to establishments.

#### Keys of Rifle Racks, Sub-machine Gun Racks, Pistol Cupboards and Armoury

48. The instructions in Paragraphs 6 and 7 are to be extended to include the armoury or gunners store where this room is used to store small arms.

#### Armoury—Security

49. Any building selected as an armoury—or gunners store where the latter will house small arms—is to be of stout construction preferably of brick or concrete. If it is made of timber or similar light construction it must be lined.

50. All windows giving access are to be protected by iron bars or stout grills.

51. The door locks are to be of high security, and fitted in such a manner that the lock or locks can only be operated by the proper key. Yale and similar locks can be operated by a knife or steel rule and, where such locks are fitted, a steel guard is to be fitted to prevent the entry of such an instrument between the door and the jamb.

#### Rifles and Rifle Racks

52. Rifles, other than 'drill only', are to be stowed in racks in the armoury. The instructions contained in Paragraphs 9, 10 and 11 are to apply to establishments.

53. Rifle racks are to be securely fixed to the walls or floor of the armoury.

#### 'Drill Only' Rifles

54. Where 'drill only' rifles are stowed in an open drill hall they are to be secured in the same way as other rifles except that their bolts are to be kept in a locked stowage in the gunners store and issued when required.

#### Pistols and Pistol Cupboards

55. Properly fitted cupboards for the authorised allowance of pistols are to be used. They are to be sited in a position where their contents can be supervised by the sentry. Where no sentry is employed the cupboard is to be sited at the Quartermasters Lobby in such a position that the pistols are easily seen.

56. The instructions contained in Paragraphs 13 to 24 are to apply to establishments.

#### Sub-machine Guns

57. Sub-machine guns are to be stowed in racks in the armoury. The instructions contained in Paragraph 25 are to apply in establishments.

#### Machine Guns

58. Machine guns are to be stowed in their chests in the armoury. Chests are to be kept locked.

#### Signal Pistols and Shot Guns

59. Signal pistols and shot guns when not in use for instructional purposes are to be placed in a locked stowage in the armoury.

60. There should normally be no necessity for signal pistols to be kept in the boats of an establishment, but, where they are issued for special signalling purposes, care is to be taken that they are adequately safeguarded and are accounted for when returned from this special service. (BR 932, Paragraphs 702 and 703.)

#### Small Arm Ammunition

61. The instructions contained in Paragraphs 33 to 36 are to apply in establishments.

#### Stocktaking

62. The instructions contained in Paragraphs 37 to 43 are to apply in establishments.

#### Arms Landed

63. The instructions contained in Paragraphs 44, 45 and 46 are to apply in establishments.

### RAN ARMAMENT DEPOTS AND ASI SHIPS

64. Rifles, pistols, sub-machine guns and ammunition for these weapons are to be stored in strong, securely locked stowages.

65. Pistols should be threaded on a strong metal bar fastened by a padlock.

66. Magazines of pistols, and sub-machine guns, and bolts of rifles are to be removed and stored separately. These parts are to be tallied with the appropriate number of the weapon of which they are component for easy identification when issuing.

67. If weapons are stored in bulk, the cases are to be packed under supervision of a responsible officer, and banded and sealed with suitable banding tape or wire. A list of contents and register numbers is to be signed by the packer and checker and included in the package. A duplicate is to be retained for record.

68. The safety of weapons and security of packages containing weapons are to be verified daily by the storekeeper and at frequent intervals by a responsible officer.

69. Stocktaking of the following items is to be carried out half-yearly:

- Pistols
- Shot guns
- Shot gun cartridges
- Cartridges .22 in.

70. Paragraphs 65 and 66 are not applicable at RAN Armament Depot, Spectacle Island, Sydney, where separate security arrangements have been approved.

### SUPPLY AND TRANSPORT

71. When weapons are packed for transport, packing is to be witnessed by a responsible officer. A packing note bearing full details of contents, including register numbers, is to be prepared in triplicate and signed by a packer and witnessing officer:

- one copy for enclosure in package
- one copy for dispatch to consignee
- one copy for retention.

72. Whenever possible complete weapons should not be packed in one package, but the component pistol and sub-machine gun magazines, or rifle bolts should be forwarded in separate packages. All packages are to be securely packed and banded in strong, well made cases. Care on the part of consignees is necessary to ensure that, on receipt, the component pistol and sub-machine gun magazines, or rifle bolts are assembled to the correct parent weapons.

73. No indication should appear on packages containing non-explosives that they contain small arms. Any such markings on chests are to be overpainted if they are to be transported by other means than depot transport or HMA ships.

74. Small arms should, whenever possible, be transported by service sea freight. When so transported the cases should be placed in the charge of the Commanding Officer (or an officer deputed by him), who is to assume responsibility for their safe custody and is to see that the cases are intact and in good order when handed over to the consignee.

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75. All consignments, other than those delivered by hand or by depot transport, are to be dispatched by one of the following methods:

- a. registered parcels post, passenger train, or cabin freight (for pistols);
- b. lock-up stowages (for other small arms),

and a receipt for the packages is to be obtained at the time of handing over.

76. The consignee is invariably to be advised of dispatch at once, stating the mode of conveyance and package numbers.

77. A receipt, specifying register numbers of weapons, is to be obtained at the time of delivery when weapons are dispatched by hand or by depot transport.

78. Whenever small arms or small arm ammunition are transhipped, issued or received, special attention is to be paid to the condition of the packages. If any appear to have been tampered with or are found to be damaged or with broken seals the contents are to be verified at once, unless the soldered lining, where fitted, is seen to be intact. All concerned with handling and transhipment of these stores are to be impressed with this instruction. As soon as a broken package is noticed it is to be set apart and after verification of the contents is to be kept under lock and key. If the package cannot be repaired at once it is to be handed over personally to the next authority taking charge.

79. On receipt by consignee, all packages, excepting sealed ammunition packages, are to be immediately unpacked (if possible in the presence of a witness) and mustered. In order that investigation of losses can be pursued without delay, it is essential that there must be no loss of time in checking stores on receipt.

80. Vouchers are invariably to quote the register numbers of weapons and any damage found to a package is to be noted on the voucher together with the action taken.

81. Losses or suspected losses are to be dealt with immediately in accordance with Paragraphs 2 and 3.

### Private Firearms

82. Commanding Officers may grant permission for officers and sailors to possess private firearms for use in competitions or for other pastimes such as shooting game, but any such weapons are to be handed in for safe custody and only issued temporarily and under proper safeguards. When private firearms are handed in for safe custody they should be stowed in the armoury and issued, as required, at the Commanding Officers discretion (RI 1841A). Ammunition associated with such weapons is also to be handed in for safe custody and is to be stored in accordance with RI 2986.

83. All underwater spear fishing guns are to be considered as private firearms under these regulations.

(DWE 700/255/13)

RESTRICTED



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
2 December 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

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## Section 4

## EQUIPMENT, STORES AND SERVICING

## UNCLASSIFIED

## 760—Stores General Group Class 1420—Guided Missile Components—Change of Stock Numbers

1. As a result of maintenance data received from the Defense Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

<i>Old Stock No</i>		<i>Item Name</i>	<i>New Stock No</i>	
<i>Group Class</i>	<i>Catalogue Number</i>		<i>Group Class</i>	<i>Catalogue Number</i>
1420	00-055-0978	Transistor .. ..	5961	00-552-0243
1420	00-055-1017	Semi-conductor .. ..	5961	00-878-4287
1420	00-337-8502	Adapter, switch .. ..	5930	00-201-4707
1420	00-784-5656	Bolt .. ..	5306	00-784-5656
1420	00-889-5615	Bearing, ball, annular .. ..	3110	00-155-9614
1420	00-961-5701	Resistor, fixed .. ..	5905	00-687-0002
1420	00-963-0582	Semi-conductor .. ..	5961	00-848-7007
1420	00-963-0662	Capacitor, fixed .. ..	5910	00-577-9229
1420	00-705-1471	Clamp .. ..	5120	00-705-1471

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 23 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 400/70/109)

## UNCLASSIFIED

## 761—Stores General Group Class 5305—Screws—Change of Stock Numbers

1. As a result of investigations carried out with the Defense Supply Agency USA, Federal stock numbers (FSN) have been obtained for the undermentioned items. The Stock Numbers are changed as follows:

<i>Old Stock No</i>		<i>Item Name</i>	<i>New Stock No</i>	
<i>Group Class</i>	<i>Catalogue Number</i>		<i>Group Class</i>	<i>Catalogue Number</i>
5305	66-027-0354	Screw .. ..	5305	00-550-3208
5305	66-027-0367	Screw .. ..	5305	00-407-5971
5305	66-027-0373	Screw .. ..	5305	00-286-8977
5305	66-027-0395	Screw .. ..	5305	00-677-1902

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 23 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 506/61/526)

## UNCLASSIFIED

**762—Stores General Group Class 5306—Bolts—Change of Stock Numbers**

1. As a result of maintenance data received from the Defense Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5306	00-210-0581	Bolt shoulder .. ..	5305	00-210-0581
5306	00-210-0927	Bolt machine .. ..	5305	00-210-0927
5306	00-212-6331	Bolt, internal .. ..	4730	00-212-6331
5306	00-281-2575	Bolt, shoulder .. ..	5305	00-281-2575
5306	00-337-2579	Screw cap hexagon .. ..	5305	00-637-4037
5306	00-370-0242	Bolt shoulder .. ..	5305	00-370-0242
5306	00-392-0560	Screw, machine .. ..	5305	00-392-0560
5306	00-579-4249	Bolt, shoulder .. ..	5305	00-579-4249
5306	00-637-0304	Bolt, shoulder .. ..	5305	00-637-0304
5306	00-637-0310	Bolt, shoulder .. ..	5305	00-637-0310

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 23 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 505/61/294)

## UNCLASSIFIED

**763—Stores General Group Class 5815—Teletype and Facsimile Equipment—Change of Stock Numbers**

1. As a result of investigations carried out with the Defense Supply Agency, USA, Federal Stock Numbers (FSN) have been obtained for the undermentioned items. The Stock Numbers are changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5815	66-026-9417	Cable .. ..	5815	00-652-1636
5815	66-026-9436	Plate .. ..	5815	00-759-5877
5815	66-027-0308	Block .. ..	5815	00-412-5534
5815	66-027-0310	Backstop .. ..	5815	00-126-4207
5815	66-027-0311	Roller .. ..	5815	00-125-4887
5815	66-027-0322	Guard .. ..	5815	00-125-8111
5815	66-027-0356	Splicer .. ..	5815	00-505-1167
5815	66-027-0358	Lever .. ..	5815	00-125-9709
5815	66-027-0366	Armature .. ..	5945	00-170-4774
5815	66-027-0368	Plate .. ..	5815	00-153-3694
5815	66-027-0369	Plate .. ..	5815	00-153-3691
5815	66-027-0370	Lever .. ..	5815	00-153-3692
5815	66-027-0378	Gear .. ..	5815	00-315-7870
5815	66-027-0383	Copyholder .. ..	5815	00-126-3955

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 23 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/57/168)

## UNCLASSIFIED

**764—Stores General Group Class 5910—Capacitors—Change of Stock Numbers**

1. As a result of investigations carried out with the Defense Supply Agency USA, and the Defence Cataloguing Authority (Australia) Federal and Defense Stock Numbers (FSN and DSN) respectively, have been obtained for the undermentioned items. The Stock Numbers are changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5910	66-L18792	Capacitor, fixed, plastic dielectric .. ..	5910	66-017-2192
5910	66-L18961	Capacitor, fixed, paper dielectric .. ..	5910	66-029-6516
5910	66-L19070	Capacitor, fixed, paper dielectric .. ..	5910	66-029-6517
5910	00-L51368	Capacitor, fixed, electrolytic .. ..	5910	00-583-3822
5910	00-L51373	Capacitor, fixed, ceramic dielectric .. ..	5910	00-819-5174
5910	00-L51375	Capacitor, fixed, paper dielectric .. ..	5910	00-850-8353
5910	00-L51376	Capacitor, fixed, paper dielectric .. ..	5910	00-649-0227
5910	00-L51377	Capacitor, fixed, paper dielectric .. ..	5910	00-225-6584
5910	00-L51379	Capacitor, fixed, paper dielectric .. ..	5910	00-881-1562
5910	00-L51382	Capacitor, fixed, electrolytic .. ..	5910	00-702-1164
5910	00-L51383	Capacitor, fixed, electrolytic .. ..	5910	00-836-3339
5910	00-L51304	Capacitor .. ..	5910	00-823-1347
5910	00-L51305	Capacitor .. ..	5910	00-056-8628
5910	00-L51306	Capacitor .. ..	5910	00-865-7019
5910	00-L51309	Capacitor .. ..	5910	00-883-8518
5910	00-L51310	Capacitor .. ..	5910	00-989-3636
5910	00-L51312	Capacitor .. ..	5910	00-823-1348
5910	00-L51313	Capacitor .. ..	5910	00-059-7358
5910	00-L51314	Capacitor .. ..	5910	00-984-9288
5910	00-L51316	Capacitor .. ..	5910	00-087-8985
5910	00-L51322	Capacitor .. ..	5910	00-829-1488
5910	00-L51328	Capacitor .. ..	5910	00-889-4503
5910	00-L51334	Capacitor .. ..	5910	00-920-0006
5910	00-L51347	Capacitor .. ..	5910	00-951-8034
5910	00-L51351	Capacitor .. ..	5910	00-051-6248
5910	00-L51352	Capacitor .. ..	5910	00-892-7911
5910	00-L51353	Capacitor .. ..	5910	00-835-2698
5910	00-L51355	Capacitor .. ..	5910	00-728-3137
5910	00-L51356	Capacitor .. ..	5910	00-087-2298
5910	00-L51359	Capacitor .. ..	5910	00-083-2904
5910	00-L51360	Capacitor .. ..	5910	00-835-2722
5910	00-L51361	Capacitor .. ..	5910	00-057-4306

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 23 December 1968.

3. ABR 5074 Catalogue of Stores will be amended in due course.

(DSAP 519/65/272)



## UNCLASSIFIED

**765—Stores General Group Class 5915—Filters and Networks—Change of Stock Numbers**

1. As a result of maintenance data received from the Defense Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	Item Name
5915	00-058-6079	Pin, spring .. ..	5315	00-058-6079	
5915	00-296-0820	Suppressor .. ..	5915	00-501-4011	
5915	00-322-5505	Choke radio frequency .. ..	5950	00-223-5928	
5915	00-348-2415	Filter band pass .. ..	5915	00-375-2218	
5915	00-349-1894	Reactor .. ..	5950	00-086-7475	
5915	00-376-8930	Filter radio .. ..	5915	00-617-8896	
5915	00-399-7824	Suppressor, parasitic .. ..	5915	00-296-0852	
5915	00-501-3584	Filter, low pass .. ..	5915	00-665-1941	
5915	00-508-6554	Reactor .. ..	5950	00-647-7924	
5915	00-508-7604	Network impedance .. ..	5915	00-382-9640	
5915	00-523-1961	Filter, band pass .. ..	5915	00-711-0388	
5915	00-523-1984	Filter, band pass .. ..	5915	00-643-8285	
5915	00-567-4565	Filter, low pass .. ..	5915	00-373-0834	
5915	00-623-3897	Filter, band pass .. ..	5915	00-615-4622	
5915	00-623-3900	Filter, band pass .. ..	5915	00-655-0815	
5915	00-623-3901	Filter, band pass .. ..	5915	00-615-0945	
5915	00-623-3906	Filter, band pass .. ..	5915	00-615-4481	
5915	00-623-3907	Filter, band pass .. ..	5915	00-615-4080	
5915	00-623-3909	Filter, band pass .. ..	5915	00-615-9537	
5915	00-623-3910	Filter, band pass .. ..	5915	00-615-4325	
5915	00-623-3911	Filter, band pass .. ..	5915	00-615-4324	
5915	00-623-3914	Filter, band pass .. ..	5915	00-615-0921	
5915	00-623-3915	Filter, band pass .. ..	5915	00-615-0926	
5915	00-623-3916	Filter, band pass .. ..	5915	00-615-0930	
5915	00-623-3919	Filter, band pass .. ..	5915	00-655-0817	
5915	00-623-3920	Filter, band pass .. ..	5915	00-655-0816	
5915	00-623-3922	Filter, band pass .. ..	5915	00-655-0949	
5915	00-623-3923	Filter, band pass .. ..	5915	00-615-4497	
5915	00-623-3924	Filter, band pass .. ..	5915	00-615-4483	
5915	00-623-3925	Filter, band pass .. ..	5915	00-655-0821	
5915	00-623-3926	Filter, band pass .. ..	5915	00-615-4627	
5915	00-643-8355	Suppressor, parasitic .. ..	5915	00-296-0853	
5915	00-665-2855	Filter, radio .. ..	5915	00-501-3372	
5915	00-681-6651	Filter, radio .. ..	5915	00-504-7157	
5915	00-699-5287	Transformer radio .. ..	5950	00-238-8679	
5915	00-705-4937	Plate, teletypewrite .. ..	5815	00-701-7984	
5915	00-706-8242	Line, pulse delay .. ..	5915	00-349-1345	
5915	00-706-8243	Network, pulse .. ..	5915	00-862-1467	
5915	00-716-6301	Filter, band pass .. ..	5915	00-644-5735	
5915	00-800-5262	Filter, radio .. ..	5915	00-501-3492	
5915	00-802-6608	Filter, radio .. ..	5915	00-801-8860	
5915	00-898-9624	Filter, radio .. ..	5915	00-882-4845	
5915	00-993-8142	Filter, radio .. ..	5915	00-837-8207	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 23 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/72/208)

## UNCLASSIFIED

**766—Stores General Group Class 5930—Switches—Change of Stock Numbers**

1. As a result of investigations carried out with the Defense Supply Agency USA, Federal Stock Numbers (FSNs) have been obtained for the undermentioned items. The Stock Numbers are changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	Item Name
5930	66-026-9852	Switch .. ..	5930	00-050-2711	
5930	66-027-3491	Switch section, rotary .. ..	5930	00-604-7899	
5930	66-027-3568	Switch, toggle .. ..	5930	00-944-5124	
5930	66-027-3569	Switch, toggle .. ..	5930	00-526-0587	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 23 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 505/87/655)

## UNCLASSIFIED

**767—Stores General Group Class 5935—Connectors, Electrical—Change of Stock Numbers**

1. As a result of investigations carried out with the Defense Supply Agency USA, and the Defence Cataloguing Authority (Australia) Federal Stock Numbers (FSN) have been obtained for the undermentioned items. The Stock Numbers are changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	Item Name
5935	00-L17143	Clamp, Electrical .. ..	5935	00-280-2200	
5935	00-L43526	Connector .. ..	5935	00-812-5574	
5935	00-L43529	Connector .. ..	5935	00-681-5689	
5935	00-L46703	Connector .. ..	5935	00-636-3620	
5935	66-L42866	Connector .. ..	5935	00-553-3295	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 23 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/81/113)

## UNCLASSIFIED

**768—Stores General Group Class 5940—Lugs, Terminals and Terminal Strips—Change of Stock Numbers**

1. As a result of investigations carried out with the Defense Supply Agency USA, Federal Stock numbers (FSN) have been obtained for the undermentioned items. The Stock Numbers are changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5940	66-026-9401	Terminal	5815	00-897-1501	
5940	66-027-3553	Module	5820	00-015-3702	
5940	66-027-3578	Terminal, stud	5940	00-087-4937	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 23 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/71/146)

## UNCLASSIFIED

**769—Stores General Group Class 5945—Relays, Contactors and Solenoids—Change of Stock Numbers**

1. As a result of investigations carried out with the Defense Supply Agency USA, Federal Stock Numbers (FSN) have been obtained for the undermentioned items, some of which had been allocated a temporary Defence Stock Number (DSN) for accounting and identification purposes. The Stock Numbers are changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5945	00-L66542	Socket, relay	5945	00-018-4287	
5945	66-027-3497	Relay, armature	5945	00-923-7347	
5945	00-L43613	Relay, armature	5945	00-051-7270	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 23 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/72/181)

## UNCLASSIFIED

**770—Stores General Group Class 5950—Coils and Transformers—Change of Stock Numbers**

1. As a result of investigations carried out with the Defense Supply Agency USA, Federal Stock Numbers (FSNs) have been obtained for the undermentioned items. The Stock Numbers are changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5950	00-L14644	Choke	5950	00-725-7281	
5950	00-L43607	Reactor	5950	00-043-0488	
5950	00-L46701	Transformer, audio frequency	5950	00-838-4355	
5950	00-L46702	Transformer, audio frequency	5950	00-823-3155	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 23 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/62/151)

## UNCLASSIFIED

**771—Stores General Group Class 5975—Electrical Hardware and Supplies—Change of Stock Numbers**

1. As a result of maintenance data received from the Defense Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
5975	00-040-2904	Bushing, strain	5975	00-351-6114	
5975	00-047-3966	Cover, electrical	5935	00-295-4488	
5975	00-231-5889	Adapter, electrical	5975	00-281-0420	
5975	00-309-4007	Junction box	5820	00-665-3298	
5975	00-316-8959	Cover, electrical	5975	00-636-5983	
5975	00-318-1641	Bushing rubber	5340	00-663-2125	
5975	00-322-8459	Transformer pulse	5950	00-250-7575	
5975	00-340-2095	Boot dust and moist	5975	00-513-2712	
5975	00-513-3414	Retainer, electrical	5960	00-249-4917	
5975	00-523-2792	Clamp loop	5340	00-619-0222	
5975	00-548-8106	Adapter, electrical	5975	00-231-5892	
5975	00-549-2104	Terminal strip	5940	00-204-9296	
5975	00-553-6996	Cable nipple, electrical	5975	00-250-6871	
5975	00-590-5670	Bushing, electrical	5975	00-040-2904	
5975	00-636-4078	Cable nipple, electrical	5975	00-281-0046	
5975	00-675-9409	Boot dust and moist	5975	00-950-4541	
5975	00-713-5092	Strap line support	5340	00-713-5091	
5975	00-826-3669	Chase nipple	5975	00-548-6514	
5975	00-842-6938	Boot dust and moist	5930	00-800-5770	
5975	00-950-4541	Boot dust and moist	5930	00-950-4541	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 23 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/71/194)

#### UNCLASSIFIED

#### 772—Stores General Group Class 6115—Generators and Generator Sets, Electrical—Change of Stock Numbers

1. As a result of maintenance data received from the Defense Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
6115	00-498-4143	Crank hand .. ..	6660	00-515-0792	
6115	00-624-8357	Generator alternating .. ..	1355	00-624-8357	
6115	00-774-8677	Armature generator .. ..	6115	00-500-3599	
6115	00-789-7037	Resistor, fixed wire .. ..	5905	00-581-6346	

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 23 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 1108/52/504)

#### UNCLASSIFIED

#### 773—Stores General Group Class 6625—Electrical and Electronic Properties Measuring and Testing Instruments—Change of Stock Numbers

1. As a result of maintenance data received from the Defense Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
6625	00-026-9407	Probe sub-assembly .. ..	6625	00-504-2976	
6625	00-028-0055	Multimeter replacement .. ..	6625	00-251-7522	
6625	00-031-0226	Retainer, electrical .. ..	5960	00-284-4342	
6625	00-031-0481	Oscilloscope .. ..	6625	00-643-1709	
6625	00-080-2111	Voltmeter .. ..	6625	00-668-8036	
6625	00-090-3376	Signal generator .. ..	6625	00-698-0335	
6625	00-090-3563	Gear spur .. ..	6625	00-528-8059	
6625	00-093-6746	Mount resilient .. ..	5340	00-200-4204	
6625	00-309-2273	Prod test .. ..	6625	00-668-9733	
6625	00-309-7462	Case test set .. ..	6625	00-649-4347	
6625	00-312-3663	Meter arbitrary .. ..	6625	00-504-2979	
6625	00-331-3170	Packing preformed .. ..	5330	00-527-8522	
6625	00-334-7477	Gear rack .. ..	6625	00-031-1018	

Old Stock No			New Stock No		
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number	
6625	00-348-6042	Ammeter .. ..	6625	00-952-2776	
6625	00-376-2137	Waveguide assembly .. ..	6625	00-026-9202	
6625	00-390-5755	Prod test .. ..	6625	00-643-2800	
6625	00-390-5823	Brush, electrical .. ..	5977	00-548-5069	
6625	00-431-9224	Gasket .. ..	6625	00-536-4368	
6625	00-432-0025	Multimeter replacement .. ..	6625	00-239-8370	
6625	00-432-2847	Shaft assembly .. ..	6625	00-392-6249	
6625	00-474-0383	Oscilloscope .. ..	6625	00-781-5756	
6625	00-500-4503	Adapter test .. ..	6625	00-260-1442	
6625	00-510-1789	Ammeter .. ..	6625	00-643-2593	
6625	00-512-3313	Knob .. ..	5355	00-644-1936	
6625	00-533-0280	Oscillator sub-assembly .. ..	6625	00-322-5122	
6625	00-533-3948	Lead set, test .. ..	6625	00-395-9313	
6625	00-537-2556	Holder, probe .. ..	6625	00-038-2198	
6625	00-537-5707	Multimeter .. ..	6625	00-643-1668	
6625	00-538-9380	Voltmeter .. ..	6625	00-643-1770	
6625	00-539-8172	Voltmeter .. ..	6625	00-669-5019	
6625	00-542-0747	Generator signal .. ..	6625	00-542-1292	
6625	00-544-8593	Converter frequency .. ..	6625	00-519-7424	
6625	00-603-4630	Trigger assy .. ..	6625	00-706-8570	
6625	00-606-9331	Cable assy .. ..	6625	00-510-1775	
6625	00-613-1851	Furrule radio .. ..	3040	00-613-2627	
6625	00-629-8377	Holder bolomet .. ..	6625	00-603-9830	
6625	00-643-1039	Monitor radio .. ..	5985	00-503-0218	
6625	00-643-1713	Rectifier metallic .. ..	6130	00-643-0713	
6625	00-643-2593	Ammeter .. ..	6625	00-539-8152	
6625	00-643-2613	Ammeter .. ..	6625	00-229-0370	
6625	00-648-8932	Voltmeter .. ..	6625	00-649-2064	
6625	00-649-4077	Ammeter .. ..	6625	00-649-3277	
6625	00-649-4101	Ammeter .. ..	6625	00-683-9592	
6625	00-668-9232	Ammeter .. ..	6625	00-542-0539	
6625	00-669-1202	Ammeter .. ..	6625	00-840-3563	
6625	00-672-0705	Galvanometer .. ..	6625	00-538-9005	
6625	00-679-9530	Wattmeter .. ..	6625	00-729-6906	
6625	00-684-1039	Voltmeter .. ..	6625	00-643-1800	
6625	00-705-4884	Detector radio .. ..	5961	00-705-4884	
6625	00-712-4239	Filter, low pass .. ..	5915	00-686-6380	
6625	00-717-8859	Adapter connector .. ..	5935	00-807-3895	
6625	00-731-1420	Adapter test .. ..	6625	00-643-1641	
6625	00-756-2082	Voltmeter .. ..	6625	00-555-2339	
6625	00-757-0445	Attenuator sub-assembly .. ..	6625	00-799-3572	
6625	00-557-7051	Ammeter .. ..	6625	00-535-4594	
6625	00-580-1797	Voltmeter .. ..	6625	00-538-9683	
6625	00-770-1877	Voltmeter .. ..	6625	00-585-4601	
6625	00-773-3505	Gear .. ..	6625	00-657-4709	
6625	00-781-7498	Ammeter .. ..	6625	00-618-6723	
6625	00-786-3558	Bolometer radio frequency .. ..	6625	00-812-0694	
6625	00-794-3011	Shunt instrument .. ..	6625	00-809-5847	
6625	00-794-3418	Transformer radio frequency .. ..	5950	00-983-6428	
6625	00-794-3485	Cut out .. ..	5930	00-813-3412	
6625	00-794-3499	Resistor, fixed film .. ..	5905	00-903-7806	

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
6625	00-794-3614	Switch, thermostatic .. .. .	5930	00-840-9611
6625	00-797-3946	Counter decade .. .. .	6625	00-877-0276
6625	00-828-8457	Ammeter .. .. .	6625	00-649-1632
6625	00-842-3748	Meter audio frequency .. .. .	6625	00-595-0569
6625	00-855-1790	Prod test .. .. .	6625	00-643-2799
6625	00-884-0281	Ammeter .. .. .	6625	00-557-7051
6625	00-884-0281	Ammeter .. .. .	6625	00-557-7051
6625	00-899-4032	Voltmeter .. .. .	6625	00-643-1792
6625	00-951-5996	Voltmeter .. .. .	6625	00-649-0977
6625	00-990-9827	Delay line .. .. .	6625	00-062-1323
6625	00-995-0551	Ammeter .. .. .	6625	00-649-2717
6625	00-542-6489	Voltmeter .. .. .	6625	00-648-9782

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 23 December 1968.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/69/437)

RESTRICTED

*Registered  
Historian.*

ANO's 774-792/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
2 December 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*Handau.*

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY

24734/68

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## Section 1

### ADMINISTRATIVE AND GENERAL

#### RESTRICTED

#### 774—Security Checking Policy—Nomination of Referees

1. The instructions in Section 10 of the Personal Particulars Form CDO 4664 used for security checking purposes specify that nominated referees should not be members of the same Department or firm as the person completing the form.

2. In view of the difficulty experienced by many Service personnel in nominating non-Service referees, it has been decided to relax this restriction in respect of RAN personnel.

3. RAN personnel who have difficulty in nominating non-Service referees may nominate Service personnel who:

- a. are of equal or superior rank; and
- b. meet all other requirements for nominated referees.

(DNI 1617/203/32)

## Section 2

### PERSONNEL

#### UNCLASSIFIED

#### 775—Aircrewman Category of the Naval Airman Branch

##### General Conditions

1. Seaman sailors from the UC and RP categories may volunteer for transfer to the Aircrewman category of the Naval Airman branch, provided they possess the following qualifications:

- a. by a Leading Seaman, or Able Seaman who has passed the Promotion Board for Leading Seaman with the exception of Seamanship;
- b. be under 26 years of age on selection for course;
- c. medical category B1 (as for Observer);
- d. have passed Swimming test;
- e. have passed ET1 and Standard NBCD.
- f. be recommended.

##### Applications

2. Applications for transfer, including Certificates of Service and medical documents, are to be forwarded to Navy Office in the normal manner.

##### Re-engagement

3. Sailors who are selected for transfer will be required to re-engage in accordance with Group C. RI, Article 0824, refers.

##### Duties

4. The duties of Aircrewman sailors are as follows:
- a. crew member of rotary wing and fixed wing A/S aircraft;
  - b. SAR winching, FRU and target towing duties; and
  - c. administrative and instructional duties as required.

**Initial Training and Categorisation**

5. Sailors selected for transfer to the Aircrewman category will be posted to HMAS ALBATROSS for the Petty Officer Airman Aircrewman promotion course, training in rotary wing aircraft, and Able rank sailors will be promoted to Provisional Acting Leading Seaman on the date the course commences. Sailors will be recategorised Acting Leading Airman Aircrewman or Leading Airman Aircrewman, as appropriate, from the date of successful completion of the course. Familiarisation training in fixed wing aircraft will also be included in the POACM course.

**Subsequent Training**

6. Aircrewman sailors will be subsequently trained in fixed wing A/S aircraft operations, as the requirement arises.

**Failures**

7. Training failures will resume their normal category duties, and Provisional Acting Leading Seamen will revert to their previous rank.

**Promotion to Special Duties List**

8. Promotion of Aircrewman sailors to the Special Duties List will be to Acting Sub-Lieutenant SDAV, in accordance with current regulations.

**Sailor Aircrewman Badge**

9. On successful completion of the POACM course sailors will be awarded the Sailor Aircrewman Badge.

10. The Sailor Aircrewman Badge is to be worn on blue and white uniform in the position prescribed in the Uniform Regulations. Badges of rank are to be worn in addition to the Aircrewman badge, but no other category badge is to be worn.

11. Aircrewmen will normally continue to wear the badge for the remainder of their service as sailors or officers whether employed on aircrew duties or not. However, if the holder is removed permanently from flying duties for disciplinary or other reasons within his control, the badge may be withdrawn subject to Naval Board approval in each case.

**Flying Pay**

12. Flying pay, commencing at 75 cents per day for Leading Airmen Aircrewmen, will be paid to qualified Aircrewmen from the date of successful completion of the POACM course, in addition to Supplementary Flying Pay (subject to NPI 119A/1) of 15 cents per day and Active pay and allowances appropriate to their rank and seniority.

13. An Aircrewman sailor who becomes unfit or unable to carry out the flying duties subsequent to qualification may, dependent upon circumstances, revert to his previous category provided that no more than six years have elapsed since qualifying as Aircrewman; after six years a sailor may continue to be employed in non-flying duties as an Aircrewman. Flying pay is not payable where an Aircrewman is no longer required for flying duties.

14. Navy Orders 270 and 455 of 1968 are hereby cancelled.

(HPB 303/221/87)

(Navy Orders 270 and 455 of 1968)

**UNCLASSIFIED****776—Family Travel By Private Motor Vehicle on Final Removal**

Navy Order 438 of 1968 is to be amended as follows:

**Add new Paragraph 4**

'4. Where a member has been granted a final removal and has been issued with departmental warrants for the transfer of himself, his family and motor vehicle as approved in Paragraph 1 of this Navy Order, Form AS 542 (PB 105) is to be clearly annotated with the details of warrants issued.'

(HPB 252/4/91)

(Navy Order 438 of 1968)

**UNCLASSIFIED****777—Motor Transport Maintenance—Policy**

1. The policy for the maintenance of Motor Transport in the RAN is as described below:

- a. Maintenance of MT vehicles carried in HMAS MELBOURNE is the responsibility of the Air Engineer Officer. In all other ships the Marine Engineer Officer is responsible for maintenance of such vehicles. Routine servicing and repair work is to be arranged through the Stores and Transport Branch of the Department of Supply.
- b. Maintenance of MT vehicles allowed in HMA naval establishments is the responsibility of the Marine Engineer Officer, or other officer borne for such duties, who is to make full use of the Marine Engineering or other sailors posted for MT maintenance duties, and is to arrange for maintenance work outside the capacity of the Naval personnel borne to be undertaken by Stores and Transport Branch—Department of Supply or by approved civilian contractors, as appropriate.

2. MT maintenance billets in shore establishments are in general intended to be filled by Marine Engineering Branch Artificers and Mechanics, but other sailor categories may be posted to fill such billets whilst shortages exist. Sailors selected for vehicle maintenance duties should undergo the Motor Transport Maintenance Course, conducted in HMAS ALBATROSS, which is designed to supplement the trade skill of the sailor concerned sufficiently to permit him to carry out MT maintenance. Sailors posted to HMAS MELBOURNE for MT maintenance duties should undergo the course if necessary. Details of the course are given in ABR 27 Vol II Article 0507.

3. MT maintenance courses are listed in the sailors course navy order and Captains of HMA ships and establishments should arrange through administrative authorities for sailors to undergo the course at HMAS ALBATROSS.

4. Forms PE 5 are to be raised for successful candidates quoting course No 902320.

5. Navy Order 6 of 1966 is hereby cancelled.

(DMT 311/4/151)

(Navy Order 6 of 1966)

## UNCLASSIFIED

**778—Physical Training and Organised Sport in the RAN**

1. Physical training and organised sport form an integral part of naval training and complement the general programme of physical fitness training. Individual games assist in making an officer and sailor self reliant and give him a sense of purpose. The games promote leadership, comradeship and esprit de corps, and foster co-operation and unselfishness. Both individual and team games are of value in training for war, because they enable an individual to react quickly to an emergency or a changing position.

2. Physical training comprises fitness training and other athletic and sporting activities which are conducted during a normal naval training programme. Such physical training is to be promulgated in the training programme and is to be properly supervised.

3. A physical training programme is to be arranged to enable personnel of all ages to play some game or sport. Particular care should be taken by organisers to ensure that hard, fast, sustained, or highly competitive games and sports should not be played by persons of any age unless they have attained an appropriate state of fitness through systematic training. Particularly encouragement should be given to the older age groups as advanced age, in itself, is not a contradiction to exercise, but actually an indication for it. Free activity lessons which include coaching of sporting skills should be arranged where possible particularly for recruits and apprentices.

4. For the purposes of this order organised sport is defined as those athletic sports and other physical activities, outside the normal requirements of a training syllabus, which provide training of naval value and promote physical fitness, thereby increasing the value of a man to the Service. Such activities are those:

- a. Which are sponsored and organised by the Navy (Inter-service sports, Dempster Cup); or
- b. in which an officially sponsored Navy team participates (Victorian Rugby Union competition).

5. When a team is selected to represent the Navy, a ship or establishment or a department of the ship or establishment, or when an individual is selected to take part in sporting activity organised by naval authority, any member so selected is to be directed to play or participate.

6. The following details should be published in the appropriate orders:

- a. Notification of each sporting fixture or event;
- b. programme of practice associated with the fixture or event;
- c. names of members directed to participate; and
- d. transport arrangements for team members.

7. Personnel directed to take part in organised sport (*see* Paragraph 6) and the practice associated therewith will be regarded as being on duty. Personnel may participate in, but are not to be directed to take part in a sport which is not officially organised by the Navy, ie playing for civilian sporting clubs.

8. Navy Order 201 of 1967 is hereby cancelled.

(DPS 125/201/7)

(Navy Order 201 of 1967)

## UNCLASSIFIED

**779—RAN Central Canteens Fund—Report for Year Ended 31 July 1968**

1. Financial statements covering the operations of the RAN Central Canteens Fund for the year ended 31 July 1968, are annexed to this order for general information.

2. The Central Canteens Fund derives its income from a levy of 3½ per cent on all sales in all Service System Canteens, and from interest received from the investment of funds.

3. The fund was established within the authority provided by Navy (Canteens) Regulations under the Naval Defence Act. The Naval Board control the activities of all Service System Canteens and impose a levy on sales. The Central Canteens Board is responsible to the Naval Board for administration of the Central Canteens Fund.

4. The fund exists for the purpose of providing for the welfare and entertainment of naval personnel. In particular, its resources are devoted towards:

- a. the provision of amenities which will benefit naval personnel generally, and which it would be inappropriate for an individual ship or establishment to provide;
- b. assistance in providing desirable amenities for the benefit of individual ships and establishments which cannot be provided in full from their own resources;
- c. contributing the Navy share to funds for the benefit of Service or ex-Service personnel generally.

5. The RAN Central Canteens Committee, which includes representatives from areas and commands, is responsible for making recommendations to the Central Canteens Board in connection with major items of expenditure.

6. The major continuing commitments of the fund are:

- a. an annual grant of 1 per cent of total canteen sales to the RAN Relief Trust Fund. The majority of money in this fund is lent as interest free housing and furniture loans to members of the RAN. The grant for this year was \$34,049;
- b. a subsidy to 'Navy News' which amounted to \$9,108 this year;
- c. an annual transfer of funds to the Long Range Project Reserve (Randwick). The normal amount transferred annually is \$20,000 but approval was given to the transfer of an additional \$30,000 this year, making total transfer for the year \$50,000. The sum in the Reserve Fund now stands at \$130,000. Work on the construction of playing fields at Randwick is progressing and it is expected that work on the Club/Motel facilities will commence during the latter part of 1969.

7. Grants made during the year totalled \$52,536 and are listed on the attached statement.

8. The total amount on loan to canteens, etc, at 31 July 1968, was \$188,896, a decrease of \$10,405 for the year.

9. Total canteen sales rose from \$3,246,430 to \$3,506,292, a rise of 8 per cent.

10. Profits paid into ships welfare funds during the year are estimated to exceed \$130,000.

11. This order will be re-printed for posting on notice boards.



ANNEX A  
RAN CENTRAL CANTEENS FUND  
Balance Sheet as at 31 July 1968

<i>As at 31.7.67 (Nearest \$)</i>	<i>Liabilities</i>	<i>As at 31.7.67 (Nearest \$)</i>	<i>Assets</i>
	\$            \$		\$            \$
250,881	Accumulated Funds as at 31 July 1967.. .. 270,223.69	27,953	<i>Current Assets—</i>
39,342	Add Surplus for Year .. 64,839.66	30	Cash at Bank .. 21,144.67
290,223		23,000	Cash in Hand .. ..
	335,063.35	359	Fixed Deposit .. 105,000.00
20,000	<i>Less Transfer to—</i>		Balance Recreational Film Account .. 475.07
	Long Range Project Reserve .. .. 50,000.00	51,342	
—	Canteen Insurance Reserve Fund .. 1,250.00	199,304	Loans to Canteens .. .. 188,899.56
		99,462	<i>Investments—</i>
270,223			Commonwealth Bonds (at Cost) .. 99,461.55
80,000	Long Range Project Reserve.. .. 283,813.35		<i>Fixed Assets—</i>
—	Canteen Insurance Reserve .. .. 1,250.00		Office Equipment (at Cost) .. .. 165.00
		115	<i>Less Provision for De- preciation .. .. 82.50</i>
350,223		350,223	82.50
	415,063.35		415,063.35

We certify that we have audited the books and accounts of the RAN Central Canteens Fund for the year ended 31 July 1968, and in our opinion the Revenue Account correctly sets forth the transactions for the period under review and the Balance Sheet is properly drawn up and is in accordance with the books. We have received all the information and explanations that we have required.

Melbourne 17 September 1968.

GOODE and TONER  
Chartered Accountants,  
340 Little Collins Street,  
Melbourne, 3000

ANNEX B  
RAN CENTRAL CANTEENS FUND  
Revenue Account for Year Ended 31 July 1968

<i>Year Ended 31.7.67 (Nearest \$)</i>	<i>Income</i>	<i>Year Ended 31.7.67 (Nearest \$)</i>	<i>Expenditure</i>
	\$		\$
108,214	Levy on Sales in Service System Can- teens including Chief Petty Officers' and Petty Officers' Canteens .. 116,876.47	33	Depreciation of Office Equipment .. 33.00
4,895	Interest on Investments .. .. 5,791.94	196	Sundry Expenses .. ..
15	Interest on RAN Recreational Film Account .. .. 15.30	321	Stationery .. .. 1,247.29
50	Capital Gain on Treasury Bonds .. .. —	70,613	Grants (as per Schedule) .. .. 52,536.19
163	Donations Received .. .. 1.77	130	Audit Fees .. .. 130.00
		2,702	Freight on Films .. .. 3,899.34
		39,342	Surplus—being Excess of Income over Expenditure for year .. .. 64,839.66
113,337	122,685.48	113,337	122,685.48

## ANNEX C

## RAN CENTRAL CANTEENS FUND

## Schedule of Grants Made During Year Ended 31 July 1968

	\$	\$
<b>Welfare</b>		
Navy News .. .. .	9,108.33	
Newspapers—Ships in War Areas and Far East .. .. .	539.23	
RAN Relief Trust Fund .. .. .	34,049.37	
White Ensign Club, Melbourne .. .. .	1,200.00	
Williamstown Fleet Club .. .. .	1,000.00	
MV Jeparit .. .. .	400.00	
HMAS PENGUIN (BNH) .. .. .	1,036.14	
Royal Sailors Rests .. .. .	500.00	
	<hr/>	47,833.07
<b>Sport</b>		
HMAS MELVILLE (Inter-service Sports) .. .. .	300.00	
HMAS CERBERUS (Inter-service Sports) .. .. .	222.93	
RAN Gliding Association .. .. .	1,000.00	
HMAS ENCOUNTER (Inter-service Golf) .. .. .	169.00	
FOICEA (Inter-service Sports) .. .. .	2,000.00	
Combined Services Rugby .. .. .	100.00	
	<hr/>	3,791.93
<b>Entertainment</b>		
Rental—Southern Cross Cinema .. .. .	2.00	
HMAS MELVILLE C & POs Mess .. .. .	11.52	
HMAS HOBART Ships Fund .. .. .	170.00	
HMAS WATSON C & POs Mess .. .. .	31.94	
HMAS WATSON POs Mess .. .. .	22.00	
HMAS LEEUWIN C & POs Mess .. .. .	48.80	
HMAS LONSDALE C & POs Mess .. .. .	60.00	
HMAS LONSDALE Ships Fund .. .. .	60.00	
HMAS PALUMA (Film Subsidy) .. .. .	309.00	
HMAS YARRA Ships Fund .. .. .	40.00	
HMAS DUCHESS Ships Fund .. .. .	155.93	
	<hr/>	911.19
	<hr/>	52,536.19
	<hr/>	

## ANNEX D

## RAN CENTRAL CANTEENS FUND

## Schedule of Loans Outstanding at 31 July 1968

	\$
HMAS HOBART Canteen .. .. .	3,780.00
RAN Gliding Association .. .. .	500.00
HMAS PERTH Canteen .. .. .	1,737.00
HMAS PENGUIN C & POs Canteen .. .. .	600.00
HMAS OTWAY Canteen .. .. .	1,000.00
HMAS DUCHESS Canteen .. .. .	750.00
HMAS BRISBANE Canteen .. .. .	8,000.00
HMAS STALWART Canteen .. .. .	4,580.00
HMAS STALWART Drink Vending Machine .. .. .	1,725.00
HMAS STALWART Wardroom .. .. .	300.00
HMAS AITAPE Canteen .. .. .	200.00
HMAS ATTACK Canteen .. .. .	400.00
HMAS ADVANCE Canteen .. .. .	400.00
HMAS SAMARAI Canteen .. .. .	200.00
HMAS LAE Canteen .. .. .	400.00
HMAS ARCHER Canteen .. .. .	400.00
HMAS AWARE Canteen .. .. .	400.00
HMAS ASSAIL Canteen .. .. .	200.00
HMAS BARBETTE Canteen .. .. .	200.00
HMAS WATERHEN C & POs Mess .. .. .	200.00
HMAS NIRIMBA Wardroom .. .. .	500.00
Royal Australian Naval House, Sydney .. .. .	15,000.00
HMAS LEEUWIN Ships Fund .. .. .	1,600.00
HMAS ANZAC Ships Fund .. .. .	1,000.00
White Ensign Club, Melbourne .. .. .	10,000.00
HMAS PLATYPUS Canteen .. .. .	1,499.00
Australian Services Canteen Organisation .. .. .	100,000.00
HMAS KUTTABUL Canteen .. .. .	23,000.00
RAN Ski Club .. .. .	10,328.56
	<hr/>
	188,899.56

(DFSD 212/1/8)

## UNCLASSIFIED

780—Results of Passing Out and Higher Education Test—  
HMAS LEEUWIN—September 1968

1. The pass marks obtained by Junior Recruits at the Passing Out Higher Educational Tests held in HMAS LEEUWIN are shown in the Annex to this order.
2. The results of the above test have been adjusted to the HET standards and the sailors mentioned in the Annex have been granted passes in the subjects indicated.
3. Commanding Officers are to ensure that the Certificates of Service of those concerned are noted in the appropriate section.

ANNEX  
HMAS LEEUWIN—Passing Out Examinations

Name	Rank	O/N	III Geog	IV Nav	V Maths	VIII Eng Exp	Remarks
BALL, Michael C.	JR 1	R96327	..	..	..	58	
BANCROFT, Mark D.	JR 1	R96328	..	..	..	55	
CANT, Paul L.	JR 1	R96335	..	..	..	59	
DUSCHER, Gary J.	JR 1	R96346	..	..	..	50	
GAYLARD, Peter L.	JR 1	R96355	..	52	..	..	
HAMEL, Gunter	JR 1	R96359	..	51	..	..	
HAMMER, Carl A.	JR 1	R96360	58	..	..	55	
HOWELL, Philip W.	JR 1	R96366	..	60	..	..	
JENKINS, Gary P.	JR 1	R96368	51	..	..	71	
JONES, Ricky L.	JR 1	R96369	..	..	..	50	
LAYCOCK, Rodney R.	JR 1	R96376	..	55	66	57	
LEES, Alan C.	JR 1	R96377	..	..	..	51	
LEWIS, Stephen M.	JR 1	R96379	..	..	..	59	
LLEWELYN, Michael G.	JR 1	R96380	..	50	..	50	
McCORMICK, Patrick R.	JR 1	R96391	..	..	..	50	
McNEE, Wayne R.	JR 1	R96394	..	52	..	..	
MARKOVIC, Miladin	JR 1	R96382	..	55	..	..	
MILDREN, David J.	JR 1	R96384	..	..	..	53	
MOORE, Robert B.	JR 1	R96388	55	..	..	59	
MORLEY, Robert D.	JR 1	R96389	58	..	..	61	
MULLER, James L.	JR 1	R96390	51	..	..	64	
NORTHROP, Gary E.	JR 1	R96397	..	..	..	51	
O'CONNELL, Ian W.	JR 1	R96398	..	58	..	..	
O'LEARY, Kenneth J.	JR 1	R96399	..	..	..	55	
SYMONS, John	JR 1	R96411	..	60	71	51	
TETIS, Chris K.	JR 1	R96413	70	71	68	70	
VOLICH, Philip P.	JR 1	R96415	..	..	..	60	
WATSON, Michael C.	JR 1	R96416	..	55	..	56	

(HPB 325/53/17)

## UNCLASSIFIED

## 781—Scale of Fees for Dental Treatment by Civilian Dentists

Navy Order 19 of 1968 is to be amended as follows:

## Paragraph 4 d. Root Fillings:

Add the following:

(3) Removal of pulp only—per tooth .. \$3.30.

(MDG 327/61/26)

(Navy Order 19 of 1968)

## Section 3

## OPERATIONAL AND TRAINING

## UNCLASSIFIED

782—Seaman Officers Specialising in Submarines Training and  
Employment From OTC to COQC

1. This order is to inform the Seaman Submarine Officers, prospective Seaman Submarine Officers and those responsible for raising and training such officers for service in submarines, of the possible career patterns which may follow from their entry into the Officers Training Course (OTC) to the Commanding Officers Qualifying Course (COQC).

## Sources of Seaman Submarine Officers

2. Seaman Officers for service in submarines come from the following sources:

- General List Officers from sea, having normally already attained their Bridge Watchkeeping Certificate and Ocean Navigation Certificate. These officers are generally Lieutenants on entry or due for such promotion shortly afterwards.
- General List Officers from the fourth year of training courses. These officers are Sub-Lieutenants and obtain their Bridge Watchkeeping and Ocean Navigation Certificates in submarines.
- Supplementary List Officers normally on completion of Phase III training. These officers at present (1968) comprise some 23 per cent of the combined General and Supplementary List Seaman Submarine Officers. The percentage of Supplementary List Officers is expected to increase over the next 18 months to 30 per cent of the total.

## Initial Training

3. At present the Officers Training Course is conducted at the Submarine School at HMS DOLPHIN, Gosport, Hampshire, England.

4. The Officers Training Course in the Submarine School lasts for some 9½ weeks, on completion of which officers are posted to submarines 'additional for continuation submarine training' for a further period of three months. At the end of this period of approximately five months training, officers are given a final examination and if successful are awarded the notation (SM) against their names in the Navy List. During this period of training they should not normally be given ships duties to perform.

**Employment**

5. The normal employment progression of officers after qualifying (SM) should be in the following order and rank:

- a. Torpedo Officer.
- b. Navigating and Communicating Officer (both a. and b. may be LEUT or SBLT, GLEX or SLEX (SM)).
- c. Sonar Officer (LEUT GLEX or SLEX (SM)).
- d. Executive Officer (LCDR GLEX or LEUT GLEX or SLEX (SM)).

Officers can normally expect to serve for about a year in each of the billets a., b. and c., but the time will vary according to the officers own progress and performance, the manning requirements and the operational employment of individual submarines.

6. During the OTC all officers undergo a refresher week of navigation at the Navigation School. Whenever possible officers should undergo the appropriate courses in the Submarine School before taking up duty as Torpedo Officers (four days course) or Sonar Officers (four weeks course). Where access to Submarine School is not possible alternative courses will be organised within Australia.

7. The average officer should have been recommended for appointment as Executive Officer after 3½ to 4½ years service in submarines.

8. It is Naval Board policy to post General List Officers for a period of service away from submarines between OTC and COQC. During the build up of the submarine specialisation this may not always be possible. The time spent in submarines prior to a posting away will vary according to the following requirements:

- a. Availability of suitable post after approximately 3½ years service in submarines.
- b. Selection for sub-specialisation.
- c. Selection for staff or training duties.
- d. Each officer should spend a period of about 18 months to two years as an executive officer prior to Commanding Officers Qualifying Course.

9. Supplementary List Officers will normally spend the remainder of their commission in posting associated with submarines. A Supplementary List Officer on attaining the rank of Lieutenant is eligible for selection for a permanent commission on the General List in accordance with Navy Order 156 of 1967 Paragraph 14. An amendment to Regulations and Instructions currently being progressed will require reports on Forms AS 206 (PP 101) of Supplementary List Officers who have completed three years or more of their initial commission to include a statement on their suitability for transfer to the General List.

**Sub-specialisation in TAS and Other Branches**

10. The RAN has a requirement for a nucleus of sub-specialist officers serving in submarines. At present this requirement is restricted to TAS sub-specialists for Squadron and training duties. However, it is expected that future requirement for (N) and (C) sub-specialist officers will arise.

11. It is the aim to post officers who are so recommended and selected to the Long TAS or (SM) (TAS) course after about three years service in submarines. This period may vary according to the availability of the officer and the course and the service requirements. Recent trends indicate that one Lieutenant (SM) will be required to sub-specialise in TAS every three years.

**Executive Officers of Submarines**

12. Officers are posted as Executive Officers of submarines as soon as practicable after being recommended for such duties. Their posting may, however, be delayed by the requirement, to sub-specialise, to fill certain training and staff billets, or the requirement to carry out General Service Seaman Duties. It is the aim to give a minimum of 18 months total sea service as Executive Officer of a submarine, but this may have to be reduced in certain cases in order to fill important billets with the best available officers. Prior to posting as Executive Officer, officers will be posted for the Principal Control Officers Course (four weeks). Until a Submarine Attack Trainer is available in Australia this course will be undertaken in the United Kingdom.

**Exchange Postings for Seaman Submarine Officers**

13. The following exchange billets with the RN will be available from 1969:

- a. One officer with Command experience. Another officer with Command experience will be required for RAN exchange in 1971.
- b. Two officers at Executive Officer level or below.

**Recommendations for Submarine Command**

14. The rules for recommendations for submarine command are laid down in Navy Order 243 of 1968. In general, the intention of the reporting system is to build up a series of reports on each officer specifically related to his Command potential for a period of at least three years prior to his likely selection for the COQC. It should thus be possible to ensure that the outstanding officer is placed on an early COQC, while the officer unlikely to succeed is identified early enough to make a new start in General Service without prejudice to his promotion prospects.

15. At present (1968) the prospects for selection for COQC for the average officer ranges from six months before to one year after attaining the rank of Lieutenant-Commander, or about 8 to 10 years from OTC, depending upon seniority on entry and subsequent performance. This average is not static and it is expected that the average seniority for COQC will rise to as much as two years seniority as a Lieutenant-Commander within the next few years.

(DOA 203/201/53)

(Navy Orders 156 of 1967 and 243 of 1968)

**Section 4****EQUIPMENT, STORES AND SERVICING****UNCLASSIFIED****783—Machinery—Pumps—Megator Bilge Pumps—Increased Allowances of On-board Spares**

(DCI (RN) 1666/1966)

1. The on-board allowance of spares for bilge pumps of Messrs Megator manufacture are increased as follows:

*Types 8 and 8A—Add 12 in No. Tab Locking Washers for Clamp Ring (ADREFNO 593-050117).*

2. On all occasions of refitting these pumps new locking washers are to be fitted.

3. Ships and repair authorities are to place demands on SMSO, Sydney, quoting this instruction as the authority.

4. Forms AD 787J (SA 227) are to be amended accordingly.

(DSAP 1109/51/949)

## UNCLASSIFIED

**784—Naval Stores—Introductions—Group Class 0568 Catalogue Number 923-5036—Handle Pull Assembly**

(DCI (RN) 1446/1966)

1. The following item has been introduced:

NATO Supply Class	Group Class	Catalogue Number	Description	D of Q	Acctg Status
5935	0568	923-5036	Handle pull assembly complete with split cotter pin	No	Consumable

**Purpose**

2. a. Reports have been received from MOD (Navy) of accidents involving serious injury to personnel using plugs 0568/18078 and 0568/200202 series with watertight switch-sockets 0568/18077 and 0568/200201 series. The accidents were caused by the operator standing on some object in order to reach the plug and then falling so that he was left hanging by his finger in the withdrawal ring.
- b. The design of a safe replacement for the ring has been investigated and it has been decided that the withdrawal rings of all existing plugs of the above series are to be replaced by Handle 0568/923-5036.
- c. The work is to be carried out by ships staff who should demand the necessary number of Handles 0568/923-5036 from SNSO, Sydney. The plugs of equipment normally used in compartments where switch-sockets 0568/18077 and 0568/200201 series are fitted on the deck-head or high on the bulkhead are to be dealt with first, but since equipment is liable to be changed, and the present withdrawal ring may be a hazard in other circumstances all plugs are to be modified as soon as possible.
- d. SNSO, Sydney, is to arrange modification of existing and future holdings of plugs, 0568/18078; 18080; 18155; 18082; 18153; 18163; 207661; 207694; 200202; 200204; 200206; 200208; and 200212.

**Allowances**

3. No spares allowance is considered necessary.

(DSAP 519/81/100)

## UNCLASSIFIED

**785—Sonar—Domes Paint Remover to DEF 1443—Patt No 0442/923-1717—Precautions when Using on GRP Surfaces**

(DCI (RN) 1140/1968)

1. A recent report of damage to a glass reinforced plastic dome on a submarine indicated that the damage was caused by using a paint remover to remove paint coatings on the dome.

2. At the present time the only material which is recommended for removing paint coatings is paint remover to Specification DEF 1443, Patt No 0442/923-1717. Recent tests indicate that there is a critical time for which the paint remover can safely be left on GRP. If this time is exceeded, serious damage will inevitably result.

3. It is, therefore, important that very great care shall be taken when using paint remover to Specification 1443 for the removal of paint from GRP surfaces. Supervisors should ensure that the following procedure is followed for this work:

- The paint remover shall be applied only to the painted surfaces. Extreme care must be taken to ensure that the paint remover is not applied to bare GRP surfaces;
- when the action of the paint remover has softened the paint, usually after about 10 minutes, the surfaces should be scraped with wooden scrapers to facilitate the removal of the paint. Metallic scrapers must not be used on GRP surfaces;
- on no account should the paint remover be allowed to remain on the surface for more than 20 minutes. After this time has elapsed the surfaces should be washed with clean, fresh water to remove all the paint remover and softened paint. Care shall be taken to avoid spreading the mixture over the bare GRP surfaces; and
- if any patches of stubborn paint remain on the GRP surfaces, a second application of paint remover may be applied. The procedure stated in a., b. and c. above must be followed for this second application.

(ACMD 400/2/1018)

## UNCLASSIFIED

**786—Stores (Weapons and Electrical)—Return of Items—Use of Form AS 2061Z (TM 145)**

Navy Order 50 of 1968 is to be amended as follows:

**Paragraph 1:**

Add new Sub-paragraph f.:

- f. Power Supply Equipment.

(DSAP 464/69/5)

(Navy Order 50 of 1968)

## UNCLASSIFIED

**787—Victualling Stores—Bar, Name, Plastic, Black—Introduction For Wear by Leading Sailors and Below**

1. A plastic brooch type identification tally has been introduced for gratuitous issue to leading sailors and below. The basic brooch will be supplied with a slot provided for the insertion of the sailors name printed in white block letters on black tape. The brooch is for wear above the left pocket of the action working shirt.

2. The item will be identified by the following catalogue number and nomenclature:

Catalogue No	Nomenclature
20026	Bar, name, plastic, black

3. Gratuitous issue of the bar will be made once only to each sailor, and any replacements required will be the responsibility of the sailor concerned. The DYMO type name strips will be provided at ship or establishment level.

4. The Fixed Issuing Price of the basic bar is six cents (\$00.06) each. Supplies are available, on demand, from Royal Edward Victualling Yard, Sydney.

(D of V 917/54/160)

## RESTRICTED

**788—Weapon Equipment Spares For Ships Undergoing Refit At Williamstown**

1. Stocks of weapon equipment spares now held at the Armament and Weapon Equipment Depot, Maribyrnong, should, in normal circumstances, be adequate to meet all requirements of Williamstown Dockyard for ships undergoing repair and refit and also any exceptional requirements by ships for self-maintenance.

2. Only in exceptional cases should it be necessary for supply to be drawn by the Dockyard from ships stocks. The instruction issued in 1961 (Navy Order 926) that ships should stock up in Sydney in order to meet Dockyard refitting requirements is therefore no longer applicable.

3. Stockholdings at Maribyrnong are not sufficient to meet ships normal replenishment requirements and these are to continue to be demanded from the SASO, Sydney.

(DAS 700/255/66)

**Section 5****BOOKS, CORRESPONDENCE, FORMS AND STATIONERY**

## UNCLASSIFIED

**789—Disposal of Mail for NOIC PNG**

1. Instances are occurring of mail for Naval Officer-in-Charge, Papua New Guinea, being incorrectly addressed to Deputy Naval Officer-in-Charge, Papua New Guinea, at Port Moresby.

2. Care is to be taken that mail for Naval Officer-in-Charge, Papua New Guinea, is addressed to:

Naval Officer-in-Charge, Papua New Guinea,  
Lombrum,  
New Guinea.

(CEO (GS) 63/51/87)

## UNCLASSIFIED

**790—Inclusion of Deputy Naval Officer-in-Charge in Address of Correspondence and Signals Relating to Personnel and Safe Hand Mail for HMAS TARANGAU**

Deputy Naval Officer-in-Charge, Papua New Guinea, is to be included in the address of all correspondence and signals relating to the passage of personnel to HMAS TARANGAU through Port Moresby and to the dispatch of safe hand mail to Naval Officer-in-Charge, Papua New Guinea, which will pass through Port Moresby.

(CEO (GS) 68/51/87)

## UNCLASSIFIED

**791—Naval Stores—Publications—Transfer from Electrical Officers Part 1 and Engineer Officers Lists of Equipment, Etc, to BR Account**

1. Instruction books which are currently accounted for on 'G' pages in Electrical Officers Part 1 and Engineer Officers Lists of Equipment, etc, are in future to be dealt with in the same manner as other Books of Reference and are to be accounted for in accordance with ABR 4, Chapter 25. In addition, for the information of Departmental Officers, a manuscript list of non-accountable publications is to be maintained with the Permanent Loan List.

2. The transfer is to be effected as detailed in the following paragraphs.

3. Existing ships and establishments will be converted to the new system by Naval Stores Inspecting Officers during their next inspection. Books which are currently on charge on the 'G' pages will then be classified as accountable or non-accountable by the Inspecting Officer and those classed as accountable transferred to the BR Account by Forms AS 549 (SX 125 or SX 126). A list of non-accountable books will be raised for inclusion with the Permanent Loan List. Forms AS 197 (SD 116) will be raised to *delete* all the books from the Lists of Equipment, etc. Books received after promulgation of this order are to be dealt with in accordance with ABR 4, Chapter 25, as raised by Paragraph 1 above.

4. In ships and commissioned establishments commissioning after the promulgation of this order, all books will be dealt with in accordance with ABR 4, Chapter 25, as varied by Paragraph 1 above.

5. Navy Order 16 of 1966 is hereby cancelled.

(DSAP 465/252/286)

(Navy Order 16 of 1966)

**Section 6****ESTABLISHMENTS**

## UNCLASSIFIED

**792—Armouries—Protection Against Unauthorised Entry**

1. A recent incident where an armoury situated in an HMA establishment was broken into, highlights the need for all precautions to be taken to foil would-be thieves.

2. Whilst the armoury complied with regulations in respect of having bars fitted to the windows and a suitable lock fitted to the door, the location of an adjacent window was such that the intruder was able to break the window, reach through the bars, and release the door lock.

3. In order to avoid entry by this means, Officers-in-Charge are to ensure that armoury windows located close to doors are fitted with suitable protection in the way of heavy gauge wire mesh or similar material behind the bars.

(DAS 1617/1/71)

SECRET

CONFIDENTIAL

1. The Committee is authorized to conduct such investigations as it may deem necessary to carry out its functions.

2. The Committee shall have the right to demand the production of any documents, records, or information in the possession, custody, or control of any person, and to examine and take copies of such documents, records, or information.

3. The Committee shall have the right to hold any person who is a member, officer, or employee of the United States Government, or who is a member of the armed forces of the United States, in contempt of its authority.

4. The Committee shall have the right to administer oaths to any person who is a member, officer, or employee of the United States Government, or who is a member of the armed forces of the United States, and to punish any person who is a member, officer, or employee of the United States Government, or who is a member of the armed forces of the United States, for perjury.

5. The Committee shall have the right to request any person who is a member, officer, or employee of the United States Government, or who is a member of the armed forces of the United States, to appear before it to give testimony.

6. The Committee shall have the right to request any person who is a member, officer, or employee of the United States Government, or who is a member of the armed forces of the United States, to provide any information in his possession, custody, or control that is relevant to the investigation.

7. The Committee shall have the right to request any person who is a member, officer, or employee of the United States Government, or who is a member of the armed forces of the United States, to appear before it to be sworn.

8. The Committee shall have the right to request any person who is a member, officer, or employee of the United States Government, or who is a member of the armed forces of the United States, to provide any information in his possession, custody, or control that is relevant to the investigation.

9. The Committee shall have the right to request any person who is a member, officer, or employee of the United States Government, or who is a member of the armed forces of the United States, to appear before it to be sworn.

10. The Committee shall have the right to request any person who is a member, officer, or employee of the United States Government, or who is a member of the armed forces of the United States, to provide any information in his possession, custody, or control that is relevant to the investigation.

11. The Committee shall have the right to request any person who is a member, officer, or employee of the United States Government, or who is a member of the armed forces of the United States, to appear before it to be sworn.

12. The Committee shall have the right to request any person who is a member, officer, or employee of the United States Government, or who is a member of the armed forces of the United States, to provide any information in his possession, custody, or control that is relevant to the investigation.

13. The Committee shall have the right to request any person who is a member, officer, or employee of the United States Government, or who is a member of the armed forces of the United States, to appear before it to be sworn.

14. The Committee shall have the right to request any person who is a member, officer, or employee of the United States Government, or who is a member of the armed forces of the United States, to provide any information in his possession, custody, or control that is relevant to the investigation.

15. The Committee shall have the right to request any person who is a member, officer, or employee of the United States Government, or who is a member of the armed forces of the United States, to appear before it to be sworn.



# AUSTRALIAN NAVY ORDER

Navy Office, Canberra,  
2 December 1968.

The enclosed order is promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers in  
Charge of HMA Naval Establishments, and others  
concerned.*

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## Section 5

## BOOKS, CORRESPONDENCE, FORMS AND STATIONERY

## UNCLASSIFIED

## 793—Distribution of Magazines, Pamphlets and Amendments to Publications, Etc, During September 1968

1. The magazines, pamphlets and amendments to publications etc, and SC Series contained in the Annex to this order, have been distributed to ships and Services during September 1968.

2. Copies of amendments referred to in the Annex to this order are available for supply to holders of personal copies of Books of Reference and Air Publications in accordance with Article 2517 (6) of ABR 4.

## ANNEX

## BR AMENDMENTS

<i>BR No</i>	<i>Change No</i>
BR 96 .. ..	Change 5
BR 96 .. ..	Change 6
BR 96 .. ..	Change 7
BR 125 .. ..	Supplement 12 Part A and B June 1968
BR 125 .. ..	New Entries No 12 June 1968
BR 191 .. ..	Change 4
BR 217 (3D) .. ..	Change 3
BR 217 (3F) .. ..	Change 3
BR 217 (3F) .. ..	Change 5
BR 292 .. ..	Change 6
BR 292 .. ..	Change 7
BR 908 .. ..	Change 2
BR 935 (2) .. ..	Change 1
BR 936 (3) .. ..	Change 1
DWB 1046 .. ..	Amendment 4
ABR 1077 .. ..	Change 5
BR 1492 B (1) .. ..	Amendment List 12
BR 1771 (55)B .. ..	Change 2
BR 1950 .. ..	Change 13
BR 2130 (3A) .. ..	Change 5
BR 2169 .. ..	Change 4
BR 2215 Volume 2 .. ..	Change 5
BR 2297 (7) .. ..	Change 7
BR 2500 (2) .. ..	Amendment List 16
ABR 5074 Naval Stores .. ..	Group 0100 Change 1
ABR 5074 Naval Stores .. ..	Group 0213 Change 1
ABR 5074 Naval Stores .. ..	Group 0216 Change 1
ABR 5074 Naval Stores .. ..	Group 0216 Change 2
ABR 5074 Naval Stores .. ..	Group 0221 Change 1
ABR 5074 Naval Stores .. ..	Group 0232 Change 1
ABR 5074 Naval Stores .. ..	Group 0241 Change 1
ABR 5074 Naval Stores .. ..	Group 0243 Change 1
ABR 5074 Naval Stores .. ..	Group 0245 Change 2
ABR 5074 Naval Stores .. ..	Group 0248 Change 1

## BR AMENDMENTS—continued

<i>BR No</i>	<i>Change No</i>
ABR 5074 Naval Stores .. ..	Group 0249 Change 1
ABR 5074 Naval Stores .. ..	Group 0340 Change 1
ABR 5059 .. ..	Amendment 1
MBR 8001 .. ..	Minor Amendment Sheet No 16 issue No 31A
MBR 8020 .. ..	New Issues of CU-EVS Preferred Values dated March 1968
MBR 8074 .. ..	Supplement 7, July 1968
List of Propellant Lots Acceptable for Naval Service 1958	Amendment 53

## BOOKS, MAGAZINES AND PAMPHLETS

<i>Publication</i>	<i>Date</i>
Aeroplane .. ..	3 July 1968
Aeroplane .. ..	10 July 1968
Aeroplane .. ..	17 July 1968
Aeroplane .. ..	24 July 1968
Aeroplane .. ..	31 July 1968
Aircraft .. ..	Volume 47 No 11 August 1968
Civil Defence Pamphlets Information Bulletin 200	2 July 1968
Civil Defence Pamphlets Part F, Chapter 5, App 2, Change 8	June 1968
Civil Defence Pamphlets Part G, Chapter 2, App 1, Change 1	June 1968
Electronic Components (Carbon) Grade 1, Amendment 6, Issue 2	April 1968
Flight .. ..	4 July 1968
Flight .. ..	11 July 1968
Flight .. ..	18 July 1968
Flight .. ..	25 July 1968
Flight .. ..	1 August 1968
HMSO List of Government Publications	May 1968
Institute of Navigation Volume 15 No United Kingdom Journal	Spring 1968
Institute of Navigation Volume 21 No 3 United Kingdom Journal	July 1968
International Electronics Volume 14 No 4 ..	August—September 1968
Journal of the RN Medical Service Volume LIV, No 2	Summer 1968

## USA PUBLICATIONS—CHANGES

<i>Publication No</i>	<i>Change No</i>
Navships 0905-013-4021 Volume 2 ..	Change 1, May 1967
Navships 0905-013-4031 Volume 3 ..	Change 1, August 1967
Navships 0905-028-9021 Volume 2 ..	Change 1, May 1967
Navships 0905-028-9031 Volume 3 ..	Change 1, August 1967

## AMENDMENTS TO AIR PUBLICATIONS

AP No	AL or Leaflet
109A-0001-2	AL 1219-(B 747) Alt 1 (Incp.)
	AL 1220-(B 797)
	AL 1221-(B 798)
	AL 1222-(B 782) Alt 1
	AL 1223-(B 799)
	AL 1224-(B 800)
	AL 1225-(B 801)
	AL 1226-(B 807) Alt 3
	AL 1227-(B 802)
	AL 1228-(B 803)
	AL 1229-(B 804)
	AL 1230-(B 805)
	AL 1231-(B 806)
	AL 1232-(L 5)
	AL 1233-(B 807)
	AL 1234-(B 808)
	AL 1235-(B 809)
	AL 1236-(B 796) Alt 1
	AL 1237-(B 702) Alt 2
	AL 1238-(B 810)
	AL 1239-(B 811)
	AL 1240-(B 812)
	AL 1241-(B 813)
112B-0902-1	AL 1
112G-0405-1	ALs 2 and 3
116D-0102-2	AL 26-(B 5) Alt 2
	AL 27-(B 11) Alt 1
	AL 28-(A 2)
	AL 29-(A 4)
	AL 30-(A 5)
	AL 31-(B 12)
	AL 32-(B 13)
	AL 34-(B 15)
	AL 35-(B 16)
	AL 36-(B 17)
	AL 37-(B 18)
	AL 38-(B 19)
	AL 39-(B 20)
	AL 40-(B 21)
1086 (1966) Bk 15	Sect 4DA
	Sect 4GB
	Sect 4GC (and Erratum)
	Sect 4Q (and Erratum)
AP 1182A (N) Vol 1	AIL 1/68, 2/68
1275A Vol 1 Sect 15	ALs 58 and 59
1275A Vol 1 Sect 24	ALs 137 and 139
1275A Vol 2	AL 252-(A 5) Alt 3
1275B Vol 1 Sect 11	AL 77
1464G Vol 2 Pt 1	Leaflets 113, 114 and 115
1641H Vol 1	AL 43
1641P Vol 1 Part 2 and Vol 5	ALs 90, 91 and 93
1641S Vol 1 Part 2 and Vol 5	ALs 47, 48 and 49

## AMENDMENTS TO AIR PUBLICATIONS—continued

AP No	AL or Leaflet
1661 Vol 2 Part 1	Leaflet L6
1661B Vol 1 (2nd Edition)	AL 146
1661C Vol 1	ALs 107, 109 and 110
1661F Vol 1	ALs 175, 170, 171, 172, 174, 176, 177
	AILs 1/68, 2/68 and 3/68
2111A Vol 1 (2nd Edition) and Vol 5	AL 25
2487 A and B Vol 2	AL 41-(B 31)
	AL 42-(B 32)
	AL 43-(A 2)
	AL 44-(B 23)
	AL 45-(B 24)
	AL 46-(B 22)
2530M Vol 2	AL 37-(B 26)
	AL 38-(B 23) Alt 1
2876 Vol 2	AL 26-(B 19)
3278 Book 1	ALs 39 and 40
3302 Part 3 (2nd Edition)	AL 8
3364 Vol 1	AL 5
4343C Vol 5 Part 6 (N) Issue 1	AL 19
4343D Vol 5 Part 6 (N) Issue 1	AL 10
4343P Vol 1 Book 2	AL 11
4343S Vol 1 Book 4	AL 172
4343X Vol 1 Book 1	AL 81
4647B Vol 4 Part 17	AL 1
(RAN) Aircrew Notes	AL 6 and Erratum Part 1 Change 5
(RAN) 8 Vol 1 Book 1	AL 125
(RAN) 8 Vol 1 Book 3	AIL (RAN) 31
	AL 43
(RAN) 8 Vol 1 Book 4	AL 19
(RAN) 8 Vol 1 Book 5	AL 36
(RAN) 8 Vol 2	ALs 40, 41, 42 and 43
(RAN) 8 Vol 3 Part 1	AL 26 and 27
(RAN) 8 Vol 6 Part 3	AL 53
(RAN) 10 Vol 2 Book 2	AL 15
(RAN) 10 Vol 6	AIL (RAN) 4
(RAN) 19 Vol 2 Book 1 (with MWO55-1500-202-30/2 Incp.)	AL 31
(RAN) 602 Vol 5 Parts 1, 2 and 3	AL 1
(RAN) 602 Vol 5 Part 4	AL 1
AP (N) 1	AL 56 (with Errata), AL 57
AP (N) 76	AL 10
AP (N) 1024 Vol 4 Part 6 Issue 2	ALs 29, 30, 31 and 33
	AIL 1/68
AP (N) 1025	AL 69
Air Board Orders	Issue No 83
Air Navigation Orders Part 40	AL 41
Air Navigation Orders Part 48	AL 15
Air Pictorial	August 1968
Air Clues Vol 22	No 11
Appendix 18 Part 1 Sect 1	AL 14
AVP 34	AL 1
DCA Aeronautical Information Circular	36/68

## AMENDMENTS TO AIR PUBLICATIONS—continued

AP No	AL or Leaflet
DCA Aeronautical Information Publication (Int'l A and C East)	Map (AL 39)
Defence Standards	16-1/1 16-4/1 17-1/1 47-2/1 53-3/1 59-3-3/1 59-4-1/1 59-7-1/1 59-8/1 61-1/1 61-2/1
General Eng. Equipment Instructions	AL 29
TSD 594 (Rolls Royce)	T/Letter No 133
<i>AAP No 2 GCC:</i>	
K4 (9th Edition)	AL 16
P1 (8th Edition)	AL 15
Table of Contents (18th Edition)	ALs 96 and 97
3940 (5th Edition)	AL 9
5305	Erratum to AL 23
5820 (9th Edition)	AL 18
5895 (8th Edition)	AL 14
5910 (7th Edition)	AL 24
5950 (9th Edition)	AL 15
5995 (10th Edition)	AL 13
6625 (8th Edition)	AL 16
6675 (10th Edition)	AL 9
6710 (8th Edition)	AL 11
6720 (7th Edition)	AL 10
8120 (9th Edition)	AL 11
9515 (6th Edition)	AL 6
AAP 897 (2nd Edition)	ALs 28, 29 and 30
AAP 121	AL 40
AAP 711.54 Vol 2 Parts 1 and 2	AL 91 and 93
AAP 721.2 Vol 4 Part 1	AL 28 and 30
AAP 721.65	AL 223 and 224
AAP 721.79 Vol 4 Part 3 Issue 2	AL 3
AAP 744.00 Vol 2 Parts 1 and 2	AL 96
AAP 791.10 Vol 4 Part 1	AL 3
Supplement Navsanda 2002	Part 'D' 1.1.68 Part 'C' 1.3.68 Part 'C' May 1968
FSN 0535-013-3004	Supplement Part 'C' (1.3.68) Supplement Part 'C' (May 1968)
FSN 0535-013-4004	Supplement Part 'D' (1.1.68)
FSN 0701-090-2461 (NAO1-40AVC-4-1)	Change Notice (1.4.68) Alt Notice to Change Notice dated (1.4.68)
FSN 0701-090-3971 (NAO1-40AVD-1)	Change Notice (1.2.68)
FSN 0701-090-4041 (NAO1-40AVD-2-2.4)	Int Man Change No 3 (9.2.68)

## AMENDMENTS TO AIR PUBLICATIONS—continued

AP No	AL or Leaflet
FSN 0701-090-4061 (NAO1-40AVD-2-4)	Int Man Change No 7 (29.5.68)
FSN 0701-090-4221 (NAO1-40AVD-4-7)	Int Man Change No 1 (17.6.68) Change Dated (1.4.68)
FSN 0701-090-4241 (NAO1-40AVD-4-9)	Int Man Change No 1 (17.6.68)
FSN 0701-090-4820 (NAO1-40AVE-1)	Change Notice (1.2.68)
FSN 0701-180-1423 (NAO1-85SAD-1B)	Change Notice (1.12.67)
FSN 0701-180-1551 (NAO1-85SAD-2-10)	Int Man Change No 5 (1.1.68)

(D of V 465/57/881)

MEMORANDUM FOR THE RECORD

DATE: 10/10/54

TO: SAC, NEW YORK

RE: [Illegible text]

[Illegible text]

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# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
9 December 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers in  
Charge of HMA Naval Establishments, and others  
concerned.*

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## CONTENTS

No	Title
	SECTION 4—EQUIPMENT, STORES AND SERVICING
794	Stores General Group Class 6BB—Aircraft Navigation Instruments and Equipment, Accessories and Unit Servicing Spares—Component Parts—Change of Stock Numbers.
795	Stores General Group Class 5805—Telephone and Telegraph Equipment—Change of Stock Numbers.
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Section 4  
EQUIPMENT, STORES AND SERVICING

## UNCLASSIFIED

**794—Stores General Group Class 6BB—Aircraft Navigation Instruments and Equipment, Accessories and Unit Servicing Spares—Component Parts—Change of Stock Numbers**

1. As a result of investigations carried out with the Defense Supply Agency USA, and the Defence Cataloguing Authority (Aust) Federal and Defence Stock Numbers (FSN and DSN) respectively have been obtained for the undermentioned items. The Stock Numbers are changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
6BB	L13014	Ammeter .. .. .	6605	00-738-3839
6BB	L13015	Adaptor .. .. .	6615	66-027-3897
6BB	L13271	Dial .. .. .	5355	66-027-3869
6BB	L13272	Face gear, differential .. .. .	6605	00-738-3849
6BB	L13273	Cursor, dial .. .. .	5355	66-027-3907
6BB	L13274	Pointer, dial .. .. .	5355	66-027-3899
6BB	L13349	Bezel .. .. .	6695	66-027-3918
6BB	L13350	Gear assy .. .. .	6605	00-738-3873
6BB	L13351	Gear .. .. .	6605	00-739-3116
6BB	L13352	Gear assy .. .. .	6605	00-604-3075
6BB	L13353	Glass, annunciator .. .. .	6350	66-027-3905
6BB	L13354	Gear shaft spur assy .. .. .	6605	66-027-3909
6BB	L13391	Indicator, power failure .. .. .	6605	66-027-3872
6BB	L13408	Knob .. .. .	5355	66-027-3902
6BB	L13419	Wiring list .. .. .	6605	66-027-3915
6BB	L13429	Motor, tachometer .. .. .	6105	00-806-8614
6BB	L13431	Mask .. .. .	6605	66-027-3910
6BB	L13468	Nut .. .. .	5310	00-271-4642
6BB	L13472	Nut, self-locking .. .. .	5310	00-968-0154
6BB	L13693	Synchro receiver .. .. .	5990	66-027-3892
6BB	L13996	Control transformer .. .. .	5990	00-557-7443
6BB	L13997	Synchro control transformer .. .. .	5990	66-027-3890
6BB	L13998	Synchro control transformer .. .. .	5990	66-027-3891
6BB	L13999	Synchro transmitter .. .. .	1280	00-488-3214
6BB	L14121	Shaft assy .. .. .	6615	66-027-3900
6BB	L14122	Brush assy .. .. .	5977	00-907-8007
6BB	L14128	Stud .. .. .	5307	66-027-3903
6BB	L14129	Bushing .. .. .	6605	66-027-3867
6BB	L14130	Washer, lock .. .. .	5310	66-027-3871
6BB	L14131	Capacitor .. .. .	5910	66-027-3873
6BB	L14132	Capacitor .. .. .	5910	66-027-3874
6BB	L14133	Capacitor .. .. .	5910	66-027-3875
6BB	L14134	Capacitor .. .. .	5910	66-027-3876
6BB	L14135	Capacitor .. .. .	5910	66-027-3877
6BB	L14136	Capacitor .. .. .	5910	66-027-3878
6BB	L14137	Capacitor .. .. .	5910	00-994-4353
6BB	L14138	Capacitor .. .. .	5910	66-027-3879
6BB	L14139	Capacitor .. .. .	5910	00-994-4361
6BB	L14140	Capacitor .. .. .	5910	00-101-4678

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
6BB	L14141	Capacitor .. ..	5910	00-994-4362
6BB	L14142	Capacitor .. ..	5910	66-027-3882
6BB	L14143	Capacitor .. ..	5910	00-994-4363
6BB	L14144	Capacitor .. ..	5910	66-027-3881
6BB	L14145	Capacitor .. ..	5910	00-994-4364
6BB	L14146	Capacitor .. ..	5910	66-027-3882
6BB	L14147	Capacitor .. ..	5910	66-027-3883
6BB	L14151	Screw .. ..	5305	00-141-2697
6BB	L14152	Screw .. ..	5305	00-802-0609
6BB	L14155	Ring, retaining .. ..	5340	66-027-3884
6BB	L14156	Ring, retaining .. ..	5340	66-027-3885
6BB	L14159	Washer .. ..	5310	66-027-3886
6BB	L14160	Washer .. ..	5310	66-027-3887
6BB	L14166	Shaft .. ..	6605	00-738-3160
6BB	L14169	Gear assy .. ..	6605	00-738-3879
6BB	L14180	Terminal board .. ..	5940	66-027-3889
6BB	L14182	Screw, machine .. ..	5305	66-027-3893
6BB	L14191	Bearing ball, annular .. ..	3110	66-027-3894
6BB	L14192	Bearing ball, annular .. ..	3110	66-027-3895
6BB	L14193	Bearing ball, annular .. ..	3110	00-585-9421
6BB	L14194	Gear assy .. ..	6605	00-739-3105
6BB	L14198	Gear, spur .. ..	6605	00-910-6627
6BB	L14199	Gear .. ..	6615	00-910-6624
6BB	L14200	Gear .. ..	6615	00-910-6618
6BB	L14201	Gear assy .. ..	6615	00-910-6617
6BB	L14202	Gear assy .. ..	6615	66-027-3898
6BB	L14203	Gear assy .. ..	6605	00-738-3857
6BB	L14205	Screw, machine .. ..	5305	66-027-3901
6BB	L14206	Instruction plate .. ..	6605	00-759-3801
6BB	L14209	Stud .. ..	5307	66-027-3904
6BB	L14213	Bulb .. ..	6240	66-027-3908
6BB	L14215	Bracket, brush block mig .. ..	6605	66-027-3919
6BB	L14216	Bearing ball, annular .. ..	3110	66-027-3912
6BB	L14219	Case .. ..	6605	66-027-3913
6BB	L14220	Block and filter assy .. ..	6605	66-029-3916
6BB	L14222	Bellows assy .. ..	6605	00-738-3872
6BB	L14223	Gear, spur .. ..	6605	00-907-4336
6BB	L14224	Bushing .. ..	6605	00-918-8587
6BB	L14225	Clip .. ..	6615	66-027-3896
6BB	L14227	Shaft .. ..	6605	00-738-3882
6BB	L14229	Gear assy .. ..	6605	00-606-0235
6BB	L14230	Bracket assy .. ..	6605	66-027-3914
6BB	L14231	Gear assy .. ..	6605	00-738-3856
6BB	L14232	Gear assy .. ..	6605	00-738-3860
6BB	L14233	Wedge, spherical .. ..	6605	66-027-3911
6BB	L14234	Bezel assy, rear .. ..	6695	66-027-3870
6BB	L14235	Shaft .. ..	6605	00-738-3868
6BB	L14236	Connector .. ..	6605	66-027-3917
6BB	L14275	Frame and shaft assy .. ..	6605	66-027-3888
6BB	L14276	Wiring list .. ..	6605	66-027-3906
6BB	L14277	Bezel, instrument mounting .. ..	6695	66-027-3868

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 6 January 1969.

3. ABR 5074 RAN Cataloguing of Stores will be amended in due course.

(DSAP 603/56/1561)

#### UNCLASSIFIED

##### 795—Stores General Group Class 5805—Telephone and Telegraph Equipment—Change of Stock Numbers

1. As a result of investigations carried out with the Defense Supply Agency USA, Federal Stock Numbers (FSN) have been obtained for the undermentioned items. The Stock Numbers are changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5805	00-L46788	Telegraph terminal equipment .. ..	5805	00-064-6858
5805	00-L46700	Transistor relay .. ..	5805	00-226-7864
5805	00-L46711	Line amplifier cord .. ..	5805	00-682-2226

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 6 January 1969.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/70/257)

#### UNCLASSIFIED

##### 796—Stores General Group Class 5826—Radio Navigation Equipment Airborne—Change of Stock Numbers

1. As a result of maintenance data received from the Defense Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5826	00-623-3715	Seal assy .. ..	5826	00-398-0475
5826	00-688-7775	Dial radio set .. ..	5826	00-991-4486
5826	00-991-9009	Ball assy .. ..	5826	00-992-6260
5826	00-991-9011	Gear, spur .. ..	5826	00-971-4696
5826	00-991-9030	Coupling, loop .. ..	5826	00-832-2320
5826	00-991-9084	Gear and hub assy .. ..	5826	00-832-2517
5826	00-991-9085	Gear and shaft assy .. ..	5826	00-832-2482
5826	00-991-9090	Gear, anti-backlash .. ..	5826	00-991-4550

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 6 January 1969.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/59/996)

## UNCLASSIFIED

**797—Stores General Group Class 5905—Resistors—Change of Stock Numbers**

1. As a result of investigations carried out with the Defense Supply Agency USA, and the Defence Cataloguing Authority (Aust) Federal and Defence Stock Numbers (FSN and DSN) respectively, have been obtained for the undermentioned items. The Stock Numbers are changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5905	00-L36839	Resistor, fixed	5905	00-839-6961
5905	00-L36840	Resistor, fixed, composition	5905	00-279-1956
5905	00-L36841	Resistor, fixed, composition	5905	00-845-2137
5905	00-L36842	Resistor, fixed, composition	5905	00-072-0621
5905	00-L36843	Resistor, fixed, composition	5905	00-795-0777
5905	00-L51845	Resistor, fixed, composition	5905	00-114-4270
5905	00-L51850	Resistor, fixed, composition	5905	00-279-2674
5905	00-L51884	Resistor, variable	5905	00-198-9407
5905	00-L51885	Resistor, variable	5905	00-445-5010
5905	00-L43480	Attenuator	5905	00-015-7339
5905	00-L51715	Resistor, fixed, composition	5905	00-020-2530
5905	00-L51749	Resistor, fixed, composition	5905	00-279-3946
5905	00-L51756	Resistor, fixed, composition	5905	00-256-0387
5905	00-L51812	Resistor, fixed, composition	5905	00-042-9331
5905	00-L51813	Resistor, fixed, composition	5905	00-042-9350
5905	00-L51814	Resistor, fixed, composition	5905	00-995-9251
5905	00-L51815	Resistor, fixed, composition	5905	00-042-9296
5905	00-L51816	Resistor, fixed, composition	5905	00-721-1488
5905	00-L51817	Resistor, fixed, composition	5905	00-042-9348
5905	00-L51818	Resistor, fixed, composition	5905	00-279-1880
5905	00-L51819	Resistor	5905	00-015-7400
5905	00-L51821	Resistor	5905	00-043-0472
5905	00-L51822	Resistor	5905	00-043-0430
5905	00-L51823	Resistor	5905	00-043-0432
5905	00-L51826	Resistor	5905	00-050-6787
5905	00-L51827	Resistor	5905	00-043-0431
5905	00-L51828	Resistor, fixed, wire wound	5905	00-944-7128
5905	00-L51829	Resistor, fixed, film	5905	00-851-0633
5905	00-L51830	Resistor, fixed, composition	5905	00-186-2968
5905	00-L51831	Resistor, fixed, composition	5905	00-195-6796
5905	00-L51832	Resistor, fixed, composition	5905	00-256-0388
5905	00-L51834	Resistor, fixed, composition	5905	00-909-9308
5905	00-L51836	Resistor, thermal	5905	00-949-4959
5905	00-L51837	Resistor, thermal	5905	00-015-7403
5905	00-L51850	Resistor, fixed, composition	5905	00-279-2674
5905	00-L51884	Resistor, variable	5905	00-198-9407
5905	66-L32054	Resistor, variable	5905	66-014-2070
5905	66-L32089	Resistor, variable	5905	66-017-6693

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 6 January 1969.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/66/296)

## UNCLASSIFIED

**798—Stores General Group Class 5970—Electrical Insulators and Associated Hardware—Change of Stock Numbers**

1. As a result of investigations carried out with the Defense Supply Agency, USA, Federal Stock Numbers (FSN) have been obtained for the undermentioned items which had been allocated a temporary Defence Stock Number for accounting and identification purposes. The Stock Numbers are changed as follows:

Old Stock No			New Stock No	
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number
5970	66-026-9991	Insulator, standoff	5970	00-665-2733
5970	66-026-9992	Insulator, bushing	5970	00-809-8032
5970	66-027-3542	Jack	5935	00-445-6963

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 6 January 1969.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/71/134)

## UNCLASSIFIED

**799—Stores General Group Class 6240—Electric Lamps—Change of Stock Numbers**

1. As a result of investigations carried out with the Defense Supply Agency, USA, Federal Stock Numbers (FSN) have been obtained for the undermentioned items. The Stock Numbers are changed as follows:

Old Stock No			New Stock No	
Group Class	Catalogue Number	Item Name	Group Class	Catalogue Number
6240	00-L27416	Lamp incandescent	6240	00-155-8706
6240	00-L27417	Lamp incandescent	6240	00-154-8014
6240	00-L27449	Lamp incandescent	6240	00-155-7836
6240	00-L27903	Lamp incandescent	6240	00-155-7857
6240	00-L28497	Lamp incandescent	6240	00-892-4420
6240	00-L46713	Lamp incandescent	6240	00-542-6571
6240	00-L43572	Lamp incandescent	6240	00-155-7836

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 6 January 1969.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/75/140)



## UNCLASSIFIED

**800—Stores General Group Class 6685—Pressure, Temperature and Humidity Measuring and Controlling Instruments—Change of Stock Numbers**

1. As a result of maintenance data received from the Defense Supply Agency, USA in respect of RAN Inventory items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

<i>Old Stock No</i>		<i>Item Name</i>	<i>New Stock No</i>	
<i>Group Class</i>	<i>Catalogue Number</i>		<i>Group Class</i>	<i>Catalogue Number</i>
6685	00-354-1259	Gasket .. ..	6620	00-570-6295
6685	00-650-4624	Resistor thermal .. ..	5905	00-583-6620
6685	00-678-0291	Diaphragm valve .. ..	4820	00-678-0291
6685	00-678-0293	Diaphragm valve .. ..	4820	00-678-0293
6685	00-678-0324	Spring helical .. ..	3655	00-678-0324
6685	00-952-1198	Regulator fluid .. ..	4820	00-952-1198

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 6 January 1969.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 506/51/408)

## UNCLASSIFIED

**801—Stores General Group Class 8125—Bottles and Jars—Change of Stock Numbers**

1. As a result of maintenance data received from the Defense Supply Agency, USA in respect of RAN Inventory Items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

<i>Old Stock No</i>		<i>Item Name</i>	<i>New Stock No</i>	
<i>Group Class</i>	<i>Catalogue Number</i>		<i>Group Class</i>	<i>Catalogue Number</i>
8125	00-179-0142	Bottle, stopper .. ..	6640	00-179-0142
8125	00-253-2499	Bottle, dropper .. ..	8125	00-408-9075
8125	00-285-8489	Bottle, dropper .. ..	6640	00-285-8489

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 6 January 1969.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 456/51/97)

RESTRICTED

ANO's 802-810/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
9 December 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY

24877/68

RESTRICTED

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## Section 1

### ADMINISTRATIVE AND GENERAL

#### UNCLASSIFIED

#### 802—Accidents—Handling of Weapons

1. Accidents involving weapons have continued to occur, sometimes with fatal results.
2. Reports on these accidents highlight the importance of men receiving adequate training before being permitted to use weapons.
3. Commanding Officers are again reminded that the efficient and safe handling of any weapon involves:
  - a. a clear knowledge of the weapon and how to use it;
  - b. a sound appreciation of its dangerous potential; and
  - c. discipline in its use.
4. Commanding Officers are to ensure that officers and men whose duties include the use of weapons are properly instructed, and that only those who have been so trained are permitted to handle the weapons. Whenever any weapons are in use it is essential that officers and men whose duties are supervisory are competent in these duties, and that leadership and discipline of the highest order are maintained.
5. Navy Order 53 of 1966 is hereby cancelled.

(CONS 177/1/67)

(Navy Order 53 of 1966)

#### UNCLASSIFIED

#### 803—Naval Overseeing and Inspection

1. Responsibilities for Naval overseeing and inspection activities throughout Australia are mainly vested in three organisations:
  - a. The General Overseeing Organisation, functionally responsible to the Chief of Naval Technical Services;
  - b. the Naval Ordnance Design and Inspection Branch (NODIB), functionally responsible to the Chief Inspector of Naval Ordnance; and
  - c. the Superintendent of Aircraft Maintenance and Repair, functionally responsible to the Assistant Chief Naval Technical Services (Air Engineering) (short title ACAE).
2. In Sydney the General Overseer and Superintendent of Inspection, East Australia Area (GOSIEAA) and the Inspector of Naval Ordnance, Sydney, INO (S) are accommodated in the:
 

Office of the General Overseer and Superintendent of Inspection,  
East Australia Area,  
Cnr Forbes Street and Cowper Wharf Road,  
WOOLLOOMOOLOO, NSW 2000.

*Postal Address:* Garden Island, NSW 2000.  
*Telephones:* 35-5944, 35-044.

The Superintendent of Aircraft Maintenance and Repair is accommodated in:

Northgate House,  
321-329 Kent Street,  
SYDNEY, NSW 2000.

Postal Address: Garden Island, NSW 2000.

Telephone: 29-8111.

3. In Melbourne, the principal officers concerned, namely, the General Overseer and Superintendent of Inspection, Victoria (GOSIVIC), and the Inspector of Naval Ordnance (Melbourne), are accommodated in the:

The RAN Armament and Weapon Equipment Depot,  
Chicago Street,  
Maribyrnong, VICTORIA.

Postal Address: Private Bag No 8,  
Post Office,  
Ascot Vale, VICTORIA 3032.

Telephone: 31-7222.

4. Each area organisation is under the administrative control of the local Flag or Senior Officer within the terms of RI 2757. Each area head office provides common general office facilities and services.

#### Functions and Responsibilities

5. The functions and responsibilities of the principal officers, their areas of responsibility and liaison duties with others concerned are shown in detail below.

#### General Overseers and Superintendents of Inspection (GOSI)

6. The functions and responsibilities of the GOSIs are as follows:

- a. The co-ordination of all overseeing and inspection work required at outside contractors.
- b. The overseeing of new construction, repair, refits, docking, slipping, modernisation and conversion of HMA ships, and of marine work for which orders have been placed by the Department of the Navy except work carried out in HMA Naval Dockyards. For new construction the provisions of ABR 1921—Supervision Inspection and Trials of HMA Ships Building and Undergoing Modernisation—are to be complied with where applicable.
- c. The drafting, in conjunction with builders, of trials programmes for ships newly constructed, modernised or converted, on behalf of the Department of the Navy.
- d. The inspection and survey of naval stores, machinery spares, and gunnery and underwater weapon equipment stores, excepting those manufactured or repaired by HMA Naval Dockyards.
- e. Technical advice to the storekeeping authorities upon all matters relating to the manufacture and repair of stores (except naval armament stores) carried out by outside contractors.
- f. Ensuring that the contractor completes the work to acceptable standards, that the Department of the Navy does not become liable for the cost of rectifying faulty work, and, when orders are placed on a cost plus basis, that the most economical methods are used.
- g. Ensuring that the most economical methods are used within his organisation including the introduction of approved firms inspection and statistical sampling, where applicable.

h. On request by an ordering authority:

- (1) furnish recommendations on tenders received for supply or repair of machinery equipment and stores; and
- (2) furnish particulars of repairs required to machinery, equipment, small craft, and stores, which require preliminary survey to determine the nature and extent of such repairs.

j. On request by an authority concerned, inspect the installation of special technical equipment in establishments.

k. To delegate overseeing and inspection in appropriate cases. In this respect the GOSI must take cognisance of the nature of the stores to be inspected and the technical knowledge and inspection procedures required.

7. The GOSI is responsible for progressing orders placed by the Chief of Naval Technical Services. Otherwise the progressing of orders is the function of each ordering authority who may, if desired, utilise the services of the GOSI.

8. Ordering authorities are to ensure that all procurement demands raised on Department of Supply, all invitations to tender, and all orders placed directly with contractors, which are for the attention of the GOSI are endorsed 'To be in accordance with The Requirements of Naval Inspection'. They are to ensure that orders are clear and sufficient in all details regarding quantities, delivery dates, specifications and drawings. Three copies of all such demands, tenders, orders and amendments to orders, together with the relevant specification and drawings are to be forwarded by the ordering authority to the GOSI in the area in which the work is to be carried out, and the ordering authority is to ensure that the contractor is provided with a copy of Form AD3035 (TI161) (latest revision) 'The Requirements of Naval Inspection'. Where the extent of repairs required is not known and it is to be determined by the GOSI during a survey, the invitation to tender is to indicate the fact.

9. It is the prerogative of the GOSI to decide whether oversight and/or inspection is required at the contractors works and he is to notify the contractor accordingly. On each occasion that an item of an order is inspected and passed as being in accordance with 'The Requirements of Naval Inspection' the GOSI is to furnish the contractor or ordering authority, as applicable, with a certificate to that effect. Apart from the necessity for the GOSI to have some knowledge of the numbers of items or quantity being supplied by a contractor, he is not, in the case of bulk orders, required to be concerned whether the quantity purported to be delivered is correct or not.

10. For the purposes of overseeing and inspection, the East Australia Area includes New South Wales and Queensland, and the Victorian Area includes Victoria, South Australia, Western Australia and Tasmania.

11. The General Overseers and Superintendents of Inspection are to maintain a close liaison and are to keep each other informed of all work sub-contracted from their own area. In this regard they are to ensure that the GOSI in the area to which the work has been sub-contracted receives full details of the sub-orders together with sufficient detail of the main order to ensure satisfactory oversight.

12. Purchases of items of a simple nature to current commercial standards and not to specification, and which, on receipt, can readily be recognised by ordering authorities as being suitable for Service use, should not normally be subjected to 'The Requirements of Naval Inspection'. Such items may be purchased 'To the satisfaction of the ordering authority on receipt into store'.

13. General Overseers and Superintendents of Inspection are authorised to correspond direct with the Chief of Naval Technical Services, Directors at Navy Office, administrative and other authorities, and Commanding Officers of HMA ships and establishments on routine technical matters in connection with overseeing and inspection.

14. Shipbuilders and contractors will correspond with the GOSIs on matters concerning arrangements and technical details and will not normally communicate direct with Navy Office on such matters. Exceptionally where the correspondence concerns matters of design only, communications may be passed direct between Navy Office and the contractor at the discretion of the directorate concerned. Copies of all such correspondence should be sent to the GOSI.

15. All such correspondence relating to technical matters will be dealt with direct between the GOSI and Navy Office.

16. Navy Office communications or replies in connection with the above matters will be addressed to the GOSI.

17. In areas where there is a Principal Overseer acting on behalf of the GOSI, Paragraph 13 through 16 will apply to the relevant Principal Overseer. In these cases copies of such correspondence are to be forwarded to the GOSI.

#### Inspectors of Naval Ordnance (INO)

18. The functions and responsibilities of the Inspectors of Naval Ordnance are as follows:

- a. Inspection of all new manufacture and filling of Naval Armament Stores to ensure the maintenance of the requisite standards of safety, efficiency and suitability.
- b. The special and periodical inspection of armament stores in RAN Armament Depots to ensure that only such stores which continue in (or are restored to) a fully safe and serviceable condition are supplied to the Fleet.
- c. To watch research and to be associated actively with the design of armament stores for use by the RAN with the object of ensuring that, while full advantage is taken of modern scientific and technical advances, the designs are in step with sea-going conditions.
- d. The periodic inspection of ordnance and underwater weapons (vote nine stores) in HMA ships and shore establishments to ensure that these remain in a fully safe and serviceable condition.
- e. Investigation of failures of armament stores and material in service with the object of modifying or improving design of stores to obviate such failures.
- f. To act as advisers to ships officers on technical problems concerning ordnance and ammunition.
- g. The calibration of ships main gunnery armament using the Muzzle Velocity Measuring Equipment Type 900.
- h. The maintenance and operation of telemetry equipment for Ikara missile.

19. The Inspector of Naval Ordnance (Sydney) is responsible for the New South Wales and Queensland areas and the Inspector of Naval Ordnance (Melbourne) is responsible for Victoria, South Australia, Western Australia and the Tasmanian area.

20. The special and detailed procedures for the inspection of stores and materials and the conduct and organisation of the Branch are laid down in BR 1203—Instructions for the Inspection of Naval Armament Stores.

#### Superintendent of Aircraft Maintenance and Repair (SAMR)

21. The functions and responsibilities of the Superintendent of Aircraft Maintenance and Repair are contained in Navy Order 693 of 1966.

22. Navy Order 685 of 1965 is hereby cancelled.

(DNQA 2/4/50)

(Navy Orders 685 of 1965 and 693 of 1966)

## Section 2

### PERSONNEL

#### RESTRICTED

#### 804—Womens Royal Australian Naval Service—Service in Singapore

1. A WRANS Officer and a small number of wrans of the Communication Branch are required for service in Singapore. Normally each posting will be for a period of one year. A roster of recommended volunteers for such service is maintained in the WRANS Directorate. In some instances it will be necessary to carry out pre-commissioning training prior to posting.

2. Final selection of recommended volunteers will be made by Director of Communications and Director of WRANS.

3. Conditions of Service contained in the following paragraphs are promulgated for information purposes.

#### Promotion

4. Wrans of the Able Rank may undertake BTTs for the Leading rank, but Leading Wrans will not be posted to WRRS Promotion Courses during their period of Service in Singapore.

#### Leave

5. All members will be posted to Singapore having had leave due. The current long leave entitlement per year is four weeks Home Service (basic) Leave plus two weeks Remote Locality Leave (to be taken before return to Australia). Members may also take some of their Home Service Leave in the area as long as the operational situation permits. They may be permitted to take up to two weeks Home Service Leave before returning to Australia. This may enable them to travel to Hong Kong or Bangkok on one of the tours organised by RAF Seletar (\$M820 for 10 days).

6. Under the provisions of NPI 105/29 a member may be granted a free return travel warrant twice a year to visit such centres in Singapore or Malaysia as are approved from time to time by the Commander Far East Fleet.

7. When travelling on long leave junior wrans must proceed in pairs or in approved company. Applications are vetted by the senior WRANS officer.

#### Short Leave

8. No restrictions are placed on short leave for senior wrans. WRAF Seletar maintains an address book for members staying ashore overnight, as a precautionary measure. Each member has her own quarters door key.

9. A sliding scale is maintained for juniors:

*Under 21* .. Leave expires at 2330, but two 'late passes' until 2359 may be issued each week.

*Over 21* .. Leave expires at 0030, and one 'sleeping out' pass is allowed each week on production of either a letter from a proposed host, or a hotel booking slip (these are 'vetted' by the senior WRANS officer).

*LWRANS* .. Leave expires at 0100 and two 'sleeping out' passes are allowed each week (under the conditions stated above).

10. Apart from minor domestic duties there is no laid down starting time for short leave—generally speaking whenever a girl is not actually at work she may proceed ashore.

#### Recreation

11. Recreational facilities at RAF Seletar available to wrans include tennis, golf, swimming and other sporting activities. Additionally, when off duty, wrans may stay at The Royal Sailors Rest (Aggie Weston's) in the Naval Base which has a ladies wing, swimming pool and recreational facilities.

#### Re-engagement Requirement

12. Members of the WRANS selected for Service in Singapore are required to have a current engagement or re-engagement for two years from date of posting, during which time discharge FREE will not normally be granted.

#### Pay and Allowances

13. a. *Pay*—to be in Australian currency converted at the normal rate of exchange.

b. *Allowances*—Servicewomen serving in Singapore are provided with the same rate of overseas living allowances for rank, and other appropriate allowances and conditions, determined for shore-based Servicemen serving with the Strategic Reserve. See NPI 105/30-100 and NPI 105/301-399.

#### Accommodation

14. Members of the WRANS are accommodated as under:

*WRANS Officers* .. WRNS Officers Quarters HMS TERROR.

*Wrans* .. .. WRAF Seletar.

#### Taxation Concessions

15. See NPI 105/39.

#### Discipline

16. As members of the WRANS are borne on the books of HMS TERROR, procedures of that establishment will apply but using ABR 1077 as the code, in conjunction with HMS TERROR Standing Orders.

17. The WRANS Officer serving in Singapore will be issued with a Delegation of Authority to punish from the Captain, HMS TERROR, to a scale according to her rank. More serious cases will be heard by the OIC WRNS, and if beyond her capacity, by the Captain, HMS TERROR.

#### Removal of Motor Vehicles

18. Wrans officers and wrans (motor vehicle owners), including those serving in the Darwin area, who volunteer for service in Singapore are to be informed that, in the event of being selected for such service, they will not be entitled to removal of their motor vehicle in respect of their posting for this service. They may, however, claim payment of Mileage Allowance under NPI 229 if they drive their cars on leave.

#### Uniform

19. *Officers—4W or 5W* .. Working dress is not worn.

*Wrans—6W or 7W* .. Uniform is worn Monday to Friday and plain clothes on Saturday morning.  
Stockings need not be worn.  
Service shoes (white) or white court shoes are to be worn.

*Note:* White court shoes are readily obtainable at HMS TERROR and are reasonably priced.

*Raincoats and Umbrellas* Raincoats may be worn but are not recommended. Umbrellas may be used; local products of bamboo and oiled paper are recommended.

*Service Cardigans* .. Should be taken to Singapore.

*Plain Clothes, etc* .. Members of the WRANS posted to Singapore are advised against purchasing large quantities of plain clothes prior to leaving Australia. Bathing suits are the exception—they are scarce and expensive in Singapore. Bath towels are not issued to Service personnel. Two in number should be taken, additional supplies, if required, can be purchased locally.

(D/WRANS 333/201/170)

### Section 3

#### OPERATIONAL AND TRAINING

#### UNCLASSIFIED

#### 805—RAN College Timetable—1969

1. The following timetable for the Royal Australian Naval College 1969 has been approved by the Naval Board:

Mon, 12 Jan Class I returns from leave.

Mon, 20 Jan New entry cadets join.

Mon, 27 Jan First academic term begins.

Thu, 3 Apr } Mid-term long weekend.  
Mon, 7 Apr }

Fri, 9 May Term ends (except Class I).

Fri, 30 May Second academic term begins.

Fri, 18 July } Mid-term long weekend.  
Mon, 21 July }

Fri, 29 Aug Term ends (Class I Promotion Day).

Mon, 15 Sep Third academic term begins.

Fri, 17 Oct } Mid-term long weekend.  
Mon, 20 Oct }

Fri, 5 Dec Academic year ends.

Fri, 12 Dec Cadets proceed on leave.

2. Navy Orders 532 of 1966 and 529 of 1967 are hereby cancelled.

(DOA 310/1/69)

(Navy Orders 532 of 1966 and 529 of 1967)

Section 4  
EQUIPMENT, STORES AND SERVICING

RESTRICTED

806—Guided Weapons—Ohmmeter Safety, Battery Powered, N4 Mark 1—  
Introduction

(DCI (RN) 316/1968)

- 1. *Ships, Establishments and Authorities Concerned* .. .. . All RAN ships fitted with the Seacat Guided Weapon Systems, and RANAD Kingswood.
- 2. *Item Concerned* .. .. . 861667 Ohmmeter safety, battery powered, N4 Mark 1, which is now formally introduced into Naval Service.
- 3. *Information* .. .. .
  - a. This ohmmeter has been developed by Fairey Engineering Co on behalf of the Ministry of Defence, UK, for continuity testing and measurement of resistance values in explosive circuits, where, for reasons of safety, the voltage must not exceed 1.5V, or the current 10ma.
  - b. The ohmmeter N4 Mark 1 does not supersede ohmmeters N1, N2 or N3, which will continue to be used as authorised.
  - c. Specification K1541 refers.
- 4. *Description* .. .. .
  - a. The instrument comprises a sealed inner case containing the electrical components, the whole being housed in an insulated outer case, complete with carrying sling, and a pouch containing a test lead assembly. Overall dimensions are 11.5 in long (13 in long with handle) by 7.5 in wide by 4.375 in deep.
  - b. It is powered by a current limited 1.35V Mallory battery type SKB 553/3. Two 78 ohm resistors incorporated in the battery limit the short circuit current to 10 milliamps. Scale ranges of 1, 10, 100, 1,000 and 10,000 ohms are provided.
- 5. *Allowances* .. .. .
  - a. 861667 Ohmmeter is provided for use in testing Seacat Guided Missiles.
  - b. Allowances will be made to HMA ships and establishments as follows:
 

	<i>Seacat</i>	<i>Spare</i>
Type 12 Frigates ..	2	—
EMS (when fitted) ..	2	—
RANAD Kingswood		
(Seacat and Ikara) ..	5	1

- c. Ships warrants for Naval Armament items are being amended accordingly.
  - d. The ohmmeter N4 Mark 1 is to be used on HMA ships only for the purpose approved and listed in Paragraph 5 a. above.
6. *Power Unit* .. .. .
- a. The ohmmeter must only be powered by a Mallory battery, store reference No 861668. One Mallory battery unit will be fitted to each ohmmeter when issued and one spare will be provided.
  - b. For HMA ships fitted with Seacat, spare batteries will be packed in the spares chest.
  - c. The shelf-life expectancy of the Mallory battery is two years, under normal service conditions.
  - d. All batteries bearing the marking: NATO Stock No 6135-99-428-2343 incorporate 78 ohm limiting resistors.
  - e. Batteries are to be tested before use in the following manner:
    - (1) Extract the battery from the safety ohmmeter.
    - (2) Connect an AVO meter or equivalent, set on DC 10 amps range across the battery terminals.
    - (3) Sequentially reduce the setting of the meter to DC 10 milliamps and ensure that the current does not exceed 10 milliamps. If this condition is not met the battery is unsafe and must be destroyed.
7. *Test Lead* .. .. .
- a. Test lead assembly Store Reference No 861670 with straight outlet (normal issue to HMA ships) on 861669 with elbow outlet (for issue to HMA ships only if 861670 is not available) must always be used when testing Seacat Missiles.
  - b. These leads are screened and shrouded to:
    - (1) Provide an earth to the anti-static inner case of the instrument.
    - (2) Protect against RF fields.
    - (3) Prevent accidental contact between the test circuit and live points.

- c. The lead assembly supplied comprises a 4 ft length of four-core flexible screened cable, electrically bonded to a three-pin socket at one end for connecting the ohmmeter, and terminated at the other by a Plessey Mark 4 Plug No 2 CZ/83295. This plug is suitable for use when testing Seacat Missiles.
- d. Only officially approved special leads/plugs to suit other authorised testing requirements are to be used.

#### 8. Unserviceable Ohmmeters

- .. The sealed ohmmeter is not to be opened by operational units. Damaged or otherwise unserviceable instruments are to be returned to the nearest RAN Armament Depot.

#### 9. Accounting

- .. Ohmmeters N4 Mark 1 are to be accounted for in HMA ships by the equipment accounting officer. Demands should be placed on the Superintending Armament Supply Officer, RAN Armament Depot, Newington, NSW.

#### 10. Calibration

- .. HMA ships should return ohmmeters N4 Mark 1 to the nearest RAN Armament Depot every 12 months for calibration. An exchange instrument will be issued on demand. All other ohmmeters N4 Mark 1 shall be calibrated to the satisfaction of CINO within six months of use, and after any repair which may affect operation.

(DAS 740/52/311)

### UNCLASSIFIED

#### 807—Motor Vehicles—Slinging Arrangements

1. The slings used for hoisting motor vehicles are to be generally in accordance with Navy Office Drawing No 108/662 (GI No 1935/57). The design of these slings is based on a working load of 35 cwt and this load is not to be exceeded. Special arrangements are to be made for handling heavier weights.

2. When lifting vehicles with this type of sling the following procedure is to be followed:

- a. The legs of the sling are to be made to bring the line of the lifting wire over the centre of gravity of the vehicle thus ensuring that the load is balanced and level and will come to rest evenly on all wheels. This is particularly important when the vehicle is being lowered on to or hoisted from a floating platform.
- b. Fit the hooks under the wheels and connect the slings using spreader beams.
- c. Place the gears of the vehicle in neutral and release brakes as permitted by slope of the ground or deck.

- d. Lift vehicle just sufficiently to check that the hooks have correctly taken the line of pull around each wheel.
  - e. Apply the brakes.
  - f. Lift the vehicle to the required position.
  - g. Remove slings and ensure that the vehicle is properly secure before transit.
3. Navy Order 387 of 1965 is hereby cancelled.

(ACDC 459/55/282)

(Navy Order 387 of 1965)

### UNCLASSIFIED

#### 808—Property and Works—Fire Precautions

1. RI Article 5605, Paragraph 1, is to be amended by the addition of the following Sub-paragraph:

- '(g) the orders for rounds, which are to be formulated with special regard to the safety of electrical equipment, and the fire hazard subsequent to failure. The frequency of rounds is to be governed by the type and function of energised electrical equipment and of any remote indicating fire alarms fitted. Departmental Orders are to specify the electrical state of buildings which may be left unattended between rounds.'

2. RI will be amended in due course.

(CONS 1426/222/4)

### UNCLASSIFIED

#### 809—Safety—Care in the Use of Wire Slings

1. An investigation of an accident in one of HMA dockyards revealed that an improperly manufactured wire sling was used to hoist equipment, the weight of which was considerably in excess of the normal working load of the wire. This unauthorised and untested sling parted causing damage to the equipment. Fortunately no one was hurt.

2. The importance of using only authorised slings properly maintained and regularly tested cannot be over emphasised.

3. Captains, General Managers of Dockyards and Officers-in-Charge are to ensure that the following rules in respect of slings are observed:

- a. No unauthorised wire slings are to be permitted.
- b. Authorised wire slings are to have a working load of at least 1 ton using a minimum safety factor of 5 over the breaking load.
- c. A dogman, crane chaser, or rigger specifically named is to be employed when hoisting any load over 1 ton. In ships and uniformed establishments a competent seaman is to exercise supervision over such hoists.
- d. All slings are to be regularly inspected and tested at least once per year. The date of test and working load is to be attached to the sling by means of a tally.

4. Navy Order 56 of 1966 is hereby cancelled.

(CONS 1224/272/106)

(Navy Order 56 of 1966)



Section 5

BOOKS, CORRESPONDENCE, FORMS AND STATIONERY

UNCLASSIFIED

810—Dispatch of Mail to Establishments in Darwin

1. Delays of up to 14 days have occurred in the receipt of correspondence at establishments in Darwin because envelopes have not been marked 'Air Mail' and did not bear sufficient postage for air mail.

2. Ships and establishments should ensure that all correspondence for authorities establishments in Darwin are dispatched 'Air Mail', with the appropriate postage and marking.

(CEO (GS) 68/1/36)



# AUSTRALIAN NAVY ORDER

Navy Office, Canberra,  
10 December 1968.

The enclosed order is promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers in  
Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY

Section 5

BOOKS, CORRESPONDENCE, FORMS AND STATIONERY

UNCLASSIFIED

811—Amendment to RI Chapter 10 Sections III and IV

RI is to be amended as follows, pending promulgation of a more comprehensive amendment.

SECTION III OFFICERS—CONFIDENTIAL REPORTS

1. **1021. General Instructions.** Reports on Form AS206 (PP101) are to be rendered on all serving officers holding postings. The detailed instructions for completion of Form AS206 (PP101) are contained in the cover of each pad of forms.

2. Forms AS206 (PP101) are required in Navy Office in duplicate and are to be accompanied by Forms KC109 also in duplicate. The original and duplicate copies of Forms KC109 will be used as Supply and Receipt Notes respectively. The Receipt Note is to be checked against the copy of KC109 retained by the forwarding authority to ensure that the Forms AS206 (PP101) have been correctly received. If a Receipt Note is not received within two weeks of forwarding Form AS206 (PP101), tracing action is to be taken.

3. Completed Forms AS206 (PP101) are to be forwarded to the appropriate administrative authority and thence to Navy Office. Reports on officers of Captains rank or above are to be addressed to the Chief of Naval Staff and Reports on Commanders and below are to be addressed to the Chief of Naval Personnel. Inner envelopes are to be clearly marked in block letters 'FORMS AS206 (PP101)'. Forms 'AS206 (PP101)' are not to be transmitted to Navy Office under cover of correspondence. Any correspondence in relation to Forms 'AS206 (PP101)' is to be addressed to the Secretary and forwarded in the normal manner for this correspondence.

4. Officers reporting on Medical and Dental Officers and members of the RANNS are to obtain, as indicated hereunder, opinion as to their professional conduct and ability during the periods covered by the reports. Opinions are to be obtained separately and forwarded as enclosures to Form AS206 (PP101). Opinions are to be obtained in sufficient time to allow Forms AS206 (PP101) to be rendered on the correct dates.

<i>Officer Reported On</i>	<i>Opinion to be Obtained from</i>
Fleet Medical Officer .. .. .	Medical Director General
Command Medical Officer East Australia Area	Medical Director General
Medical Officer-in-Charge RANH CERBERUS	Medical Director General
Medical Officer-in-Charge RANH PENGUIN	Medical Director General
SMOs and Dental Officers of HMA Ships LEEUWIN MELVILLE and TARANGAU	Medical Director General
SMOs and Senior Dental Surgeons serving in ships administered by FOCAF	Fleet Medical Officer or Fleet Dental Surgeon (Note 1)
SMOs and Senior Dental Surgeons serving in ships and establishments administered by FOICEA	Command Medical Officer or Command Dental Surgeon East Australia Area (Note 1)

<i>Officer Reported On</i>	<i>Opinion to be Obtained from</i>
Medical and Dental Officers serving under Senior Medical Officers or Senior Dental Surgeons	Their Senior Medical Officers or Senior Dental Surgeons
Matrons .. .. .	Medical Director General
Nursing Sisters serving in East Australia Area	Command Medical Officer
Nursing Sisters serving in HMAS CERBERUS (Note 2)	The Medical Officer-in-Charge RANH CERBERUS
Nursing Sisters serving with Medical Officers other than in the East Australia Area	Their Medical Officers
Nursing Sisters not serving with a Medical Officer	Medical Director General

Note 1: If the Fleet or Command Dental Surgeon is below Commanders rank it will be necessary to obtain the opinion of the Medical Director General.

Note 2: In the event of the Matron and the Medical Officer holding different views as to the qualification or suitability of an individual nursing sister, separate remarks are to be attached to the Forms AS206 (PP101).

5. When reports are rendered on Fleet Work Study officers, Section I is to be left blank for completion at Navy Office by the Director of Work Study.

1. **1022. Occasions for Report.** Reports are to be rendered on the following occasions, in addition to the half-yearly recommendations for promotion required by Section IV:

2. OFFICERS GENERALLY

- a. Annually on the anniversary of their posting to the ship or establishment provided they have served under the reporting officer for at least three months.
- b. If less than three months, reports are to be deferred until three months have elapsed. Conversely, the annual report is to be advanced when either the officer being reported on, or the reporting officer, leaves the ship or establishment within three months of the date when the annual report is due, unless a report has been rendered within the preceding six months.
- c. If a reporting officer has reason to alter his opinion of an officer after the annual report has been rendered he should forward another report when either he or the officer being reported on terminates his posting unless the circumstances are such as to warrant a special report (1027).
- d. Officers undergoing courses lasting three months or more—on completion of the course.

3. OFFICERS IN COMMAND

- a. When the officer is posted away from a ship or establishment he commands.
- b. When the administrative authority under whom the officer is serving is superseded.

4. OFFICERS ON THE STAFF OF A FLAG OFFICER OR COMMODORE

- a. When the Flag Officer or Commodore hauls down his flag or broad pennant.
- b. When the officer is posted away after not less than three months service on the staff.

5. **SPECIAL DUTIES LIST OFFICERS.** The following reports are to be rendered in addition to those in Clause 2:

- a. On Acting Sub-Lieutenants (SD List) on becoming due for confirmation in rank.
- b. On Sub-Lieutenants (SD List) attaining eighteen months seniority in rank. These reports are to contain an indication of the officers suitability for promotion to Lieutenant on reaching two years seniority. Reports are to be deferred up to three months if 'Insufficient knowledge' would be the immediate assessment.

6. **FLEET AIR ARM OFFICERS**

*Officer in Command of Squadrons*

- a. When the squadron moves away from its parent ship or air station after more than three months service.
- b. When the Captain of the parent ship or air station is superseded.
- c. When the officer is relieved.

*Other Officers in the Squadron*

- d. On supersession of the Squadron Commanding Officer.
- e. When an officer leaves after more than three months service.

7. **SHORT SERVICE AIRCREW OFFICERS.** In addition to the reports in Clause 6, all short service aircrew officers are to be reported on annually; these reports are to reach Navy Office by 15 February (*see also* 1023).

8. **SUBORDINATE OFFICERS (UP TO AND INCLUDING ACTING SUB-LIEUTENANT)**

- a. Midshipman—*See* Navy Orders.
- b. On completion of Phase III training in the United Kingdom.
- c. On discharge from each ship or establishment in which they serve.

9. **RESERVE OFFICERS.** Instructions are contained in ABR 5054 *Royal Australian Naval Reserve Regulations and Instructions*.

10. **WRANS.** Instructions are contained in ABR 1077 *WRANS Instructions*.

11. **OFFICERS PROVISIONALLY SELECTED FOR PROMOTION.** With reference to Article 1051(6), during the period of six months between an officers selection for promotion and his actual promotion, reports are to be made on him, in his present rank, on the occasions mentioned in this article.

**1023. Short Service Officers.** Reports on Form AS206 (PP101) on Short Service officers who have completed three years of their initial commission are to state whether they are recommended for a permanent commission and for each type of extension of service currently available. Should the reporting officer have reason to alter any previous recommendation, this is to be the subject of a special report in accordance with Article 1027. (*See also* 1022(7) for Aircrew Officers).

**1024. Royal Navy Officers.** Officers of the Royal Navy are to be reported on in the same manner and on the same occasions as for officers of the Royal Australian Navy. All reports are to be rendered on Form AS206 (PP101) in triplicate, and forwarded to Navy Office in the usual way.

**1025. Officers of Other Navies.** Reports on officers of other Navies serving in the Royal Australian Navy will be called for as required.

**1026. Foreign Officers.** When a foreign officer completes a course or attachment of more than one months duration, or when the course ends in an examination, a manuscript report is to be forwarded containing the following information:

- a. Officers name, rank and service.
- b. Marks obtained in any examination taken.
- c. Whether the course has been successfully completed.
- d. An outline of the officers technical or professional ability.
- e. A brief general opinion of the officer.

1. **1027. Special Reports.** The Naval Board or an administrative authority may call for a special report on an officer when particular information is required. A request for a special report does not necessarily imply that the officer has been adversely reported on. Unless a direction to the contrary is given, Form AS206 (PP101), headed 'Special Report' and bearing a reference to the relevant correspondence, is to be used.

2. The Captain may also initiate a special report without being called upon to do so, if he should deem it to be expedient, eg, when as a result of movements of the officer or his Captain the rendering of a report in accordance with procedures outlined above would otherwise be unduly delayed. Form AS206 (PP101), headed 'Special Report' is to be used and is to be accompanied by an explanatory letter.

1. **1028. Quarterly Reports.** The placing of officers under quarterly or other periodical reports can be authorised by the Naval Board only. When directions are given for the officer to be placed under such reports, the Navy Office letter is to be read by the Captain to the officer concerned. Should the latter be transferred to another posting, the Navy Office letter is to be forwarded to his new ship, if necessary through a new administrative authority, a report on the officer being rendered to Navy Office for the broken period involved.

2. Quarterly reports are to be made on Form AS206 (PP101) headed 'Quarterly Report' and quoting the Navy Office letter. Reports should be continued to be rendered until the Naval Board directs that they are to cease.

#### SECTION IV—OFFICERS—RECOMMENDATIONS FOR PROMOTION

1. **1051. General.** When selecting officers for promotion the Naval Board considers the confidential reports on Forms AS206 (PP101) for all officers in the zone or who have been recommended for below zone promotion. The Naval Board take into account not only reports submitted while in the zone for promotion, but also reports submitted on all occasions since promotion to present substantive rank. Earlier reports are also available to the Board. It is on the overall picture of an officers capabilities that promotions are made.

2. As one of the aims of the General List is that all General List officers will be considered together for the rank of Captain, it is extremely important that the numerical marking in Section II of Form AS206 (PP101) should not be weighted by opinion of an officers technical ability, or his standing within his own specialisation.

3. The attributes in Section II are to be numerically assessed in relation to what could be expected from the normal officer, taking into account rank, seniority and List.

4. Section IV (a) of Form AS206 (PP101) is intended to contain an absolute recommendation as to whether the officer comes up to the standard for the next higher rank now, whether he has not yet attained it, though he shows promise of so doing soon, or whether he has not yet attained it and cannot be expected to in the near future. Except where promotion is purely automatic, an officer will not normally be promoted unless he is marked 'Now'

under this heading. A marking of 'Not Yet', however, is not harmful to an officer unless he is high up in the zone for promotion and this should be used when the Reporting Officer is not certain whether the officer, at the date of reporting, is in all respects fit for promotion, or when he firmly believes that the officer requires further experience; but full use is to be made of Section III to explain the marking. Should the Reporting Officer feel that he has insufficient experience to make a considered recommendation in this section, it is important that he makes the notation 'IK'. In such cases a marking of 'Not Yet' would be improper and might prejudice an officers chances of promotion.

5. Promotions to flag rank are made as vacancies occur.

6. Promotions to Captain and Commander are normally made half-yearly. Promotions may, however, be made at other times to suit the requirements of the Service.

7. On 30 June and 31 December each year, a list is issued giving the names of officers who have been selected for promotion at the following half-year to the ranks of Captain and Commander. See 1022(II) Occasions for Report.

8. Promotions on the Special Duties List are made half-yearly on 1 April and 1 October, on which dates they become effective.

9. Promotion of RANNS and WRANS officers are made half-yearly on 30 June and 31 December on which dates they become effective.

10. Officers who are permanently unfit for sea service are not normally eligible for promotion. Each case is, however, considered on its merits by the Naval Board, taking into account age, seniority, past experience, the extent and nature of the disability and the types of posting for which the officer might be required in a higher rank. The officer is informed if he cannot be considered for further promotion. Unless it is known that an officer is ineligible to be considered for promotion under this instruction, recommendations should be forwarded on the same occasions, and by the same standards as officers in the normal medical category.

11. WRANS officers and RANNS placed permanently in a restricted medical category are, if their services are retained, considered for promotion so long as their disabilities do not interfere with their duties.

12. The zones for promotion of RAN officers are promulgated in Navy Orders and those for RN officers in Defence Council Instructions (RN).

**1052. Half-Yearly Recommendation for Promotion.** Recommendations are required in Navy Office in duplicate for RAN officers and in triplicate for RN or RNZN officers on Forms AS206 (PP101). They are to be forwarded through administrative authorities, as appropriate, in accordance with the following table:

ARTICLE 1052—TABLE

List and Rank	Officers Eligible	Method of Reporting	To Reach Navy Office Not Later Than
<i>General List, Captains</i>	All officers in the promotion zone on the following 30 June and 31 December	<p>a. Officers recommended (ie those who have the necessary qualifications and experience to fit them for Flag rank and who are highly recommended for promotion)—A list of officers accompanied by reports on Forms AS206 (PP101)</p> <p>b. Other officers—reports on Forms AS206 (PP101) only</p>	RAN and RN—1 April and 1 October
<i>General and Miscellaneous Lists, Commanders and Lieutenant-Commanders (other than Ordnance Design and Inspection Officers)</i>	<p>All officers whether recommended or not who are serving under the command of the reporting officer or who have so served since the preceding recommendations were forwarded, who:</p> <p>a. will be within the promotion zones on the following 30 June and 31 December; or</p> <p>b. will enter the promotion zones before the expiration of a further six months; or</p> <p>c. although below the promotion zones are considered to be worthy of immediate promotion, but excluding those;</p> <p>d. whose provisional promotions have already been announced</p>	<p>a. Reports on Forms AS206 (PP101). The Administrative Authority is to insert any remarks he may wish to make on the Forms AS206 (PP101) and forward them (with any Forms AS206 (PP101) for officers of his own staff) with the following forms and list prepared by him:</p> <p>i. Separate Forms AS596 (PP109) for each specialisation and rank in seniority order. An order of merit for officers recommended for immediate promotion is to be shown on each Form AS596 (PP109).</p> <p>ii. A comprehensive list showing, in order of merit all Commanders, irrespective of specialisations, who are recommended for immediate promotion</p>	RAN—15 May and 15 November RN—1 March and 1 September
<i>Miscellaneous List, Commanders (I) and Lieutenant-Commanders I</i>	Reports are called for as necessary		
<i>Special Duties List, Lieutenant-Commanders, Lieutenants, RAN Sub-Lieutenants not promoted on attaining two years seniority and RN Sub-Lieutenants</i>	All officers in the promotion zones on the following 1 April and 1 October	Reports on Forms AS206 (PP101)	RAN—15 February and 15 August RN—15 December and 15 June
RANNS and WRANS Officers	All officers in the promotion zones on the following 30 June and 31 December	Reports on Forms AS206 (PP101)	15 May and 15 November

**Navy Orders 707 to 736 of 1965 are now over three years old and may be disposed of accordingly.**

(DOA 465/1/1356)

Notes on the Collection of the ...

and other ...

No.	Date	Locality	Collector	Plant	Fruit	Seed	Remarks
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PLANT ...

Registrar

ANO's 812-820/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
10 December 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*A. Handau.*

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

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## Section 1 ADMINISTRATIVE AND GENERAL

UNCLASSIFIED

### 812—Commissioning

Navy Order 496 of 1968 is to be amended as follows:

*Add to List of Commissionings:*

HMAS ADROIT .. .. . 17 August 1968.

(AS (NS) 1211/251/200)

(Navy Order 496 of 1968)

UNCLASSIFIED

### 813—Investigation of Motor Vehicle Accidents Involving Naval Drivers

1. Commanding Officers concerned with the investigation of accidents involving motor vehicles driven by naval personnel, are advised that recovery action under Naval Financial Regulation 132A against the naval driver concerned is only to be taken where an accident is caused through the negligence of the driver of the Commonwealth vehicle, who was:

- a. acting with authority within the scope of his employment, but has been subsequently convicted of having been, at the time of the accident, under the influence of intoxicating liquor; or
- b. at the time of the accident acting without authority.

2. ABR 5013 is being amended.

3. Navy Order 54 of 1966 is hereby cancelled.

(DSAP 459/53/157)

(Navy Order 54 of 1966)

UNCLASSIFIED

### 814—NBCD—Risk and Control Markings and States of Readiness

(DCI (RN) 1306/1967)

1. This order incorporates information issued in 1960 and is promulgated for guidance pending the reprint of BR 2170, Volume I and amendment of BR 2171 Volume II (Ship NBCD Manuals). It is not applicable to RAN DDG's.

#### Present System

2. The present system of risk and control markings was introduced in 1960 and is being retained subject to small modifications embodied in the Annex 'A' to this Order.

3. The instructions are intended to keep the organisation as simple as possible and to allow optimum freedom of movement, especially in peace.

#### Method of Marking

4. Embossed aluminium tallies, together with a suitable adhesive, are produced for all control markings and are available on demand.



### Amendment of BR's

5. The headings of Chapter 22 of BR 2170, Ship NBCD Manual Volume I (1959) and Chapter 15 of BR 3003 (1) Naval Marine Engineering Practice, Volume I, are to be annotated as follows: 'Attention is drawn to Navy Order 814/68, which amends this chapter'.

6. Navy Orders 314 and 650 of 1965 are hereby cancelled.

## ANNEX A

### Control of Openings

1. The control of openings (including ventilation openings and fans) is to be maintained by using WATERTIGHT and GASTIGHT CONDITIONS. Risk and control markings are required on openings affecting watertight and/or gastight integrity.

### States of Readiness

2. All requirements of personnel and material measures other than control of openings are to be governed by STATES OF READINESS. (BR 2170, Chapter 21 Paragraphs 17-20 and 30 read in the sense of this Order, refer).

### Risk Markings

3. a. **RED**—If a ship sustains hull damage at or below the waterline, compartments in the vicinity will flood immediately. Because of possible heel and trim after damage, the zone in which such flooding can occur extends above the waterline, especially at the ends of a ship and the sides of a big ship. Openings to all compartments within this zone (the extent of which is decided by Ship Department) are deemed to be, when open, of immediate risk to watertight integrity. All such openings are known as red openings and are marked in red—on a door or hatch by a red triangle across the upper corner farthest from the hinges; for a valve or scuttle, by a red disc or disc with an arrow on or near the fitting. In an emergency, (eg, after damage with flooding or when collision is obviously imminent these can be shut by order. The order is 'Close all red openings'—it is an emergency—speed is vital—the order overrides any permission which may be in force for a red opening to be open. The object, of course, is to restrict the spread of flooding. While the order is in force, no red opening must be opened without specific permission from NBCD HQ.

b. **ORANGE**—The orange risk marking on a door or a hatch is a triangle across the upper corner nearest the hinge; for a valve, gas flap or scuttle it is normally a disc, or disc with arrow. Any opening or fitting, however, which bears an orange control marking (*see* Paragraph 6) needs no other marking to indicate gastight risk. The orange marking may be used alone or in conjunction with red. It is to be used on openings in the boundaries of citadels, and gas-free spaces which present, if open, a risk to gastight integrity. These boundaries are decided by the Naval Board.

*Notes:* (1) After damage, during a long trip to harbour or in very bad weather, it may be necessary to maintain rigid control over some openings just above the red zone, overriding the normal rules for openings. For guidance of ships officers these openings are coloured blue on ships drawings. It is no longer considered necessary for the openings themselves to carry a blue risk marking.

(2) Existing blue risk markings should be painted out at the first opportunity.

### Watertight Conditions

4. These are normally used as follows:

#### a. *In Peace*

Harbour and normal cruising	..	Condition X-ray (X openings closed)
Dangerous circumstances (eg, navigation hazards, mines)	.. ..	Condition Yankee (X and Y closed)
Exercises	.. ..	As required

#### b. *In War*

Defended harbour, refitting etc	..	Condition X-ray (X closed)
Undefended harbour, cruising	..	Condition Yankee (X and Y closed)
Action or relaxed action	.. ..	Condition Zulu (X, Y and Z closed)

### Gastight Conditions

5. Gastight conditions should be superimposed on watertight conditions as required.

#### a. *In Peace*

Required only for exercises.

#### b. *In War*

Preparedness for NBC attack	..	Condition Bravo (B closed)
NBC attack imminent	.. ..	Condition Alfa (A and B closed)

This does not preclude a Commanding Officer, or Senior or Flag Officer, from ordering a higher condition when he deems it necessary.

*Notes:* (1) Condition A is the fully closed down condition.

(2) Condition B is that from which condition A can be attained in five minutes or less to the extent that fans connected to external atmosphere are stopped and associated openings closed. Subsequent re-arrangements below and re-starting of fans may take considerably longer. Except as in (3) below, Condition B may need to be maintained for prolonged periods in war.

(3) There has been in the past a need in the older ships for a Condition C. This is no longer considered, in general, to be necessary, but a ship may continue to use the condition if by virtue of age and construction, or the number and arrangement of ventilation systems, it is not possible to remain in Condition B for a prolonged period. Where it is used, openings so marked are to be shut in Condition C.

(4) In ships with pressurised citadels, the citadel boundary should be tested on each occasion when a gastight condition is assumed by first assuming Condition ALFA and raising a pressure within the citadels. As soon as the requisite pressure has been achieved a relaxation to Condition BRAVO—assuming conditions warrant such a move—may be permitted. Should it be necessary to maintain Condition BRAVO for a long time, the integrity of the citadel boundary should be proved every 48 hours by re-assuming Condition ALFA for the time required to raise the working pressure.

### Main Control Markings

6. **X** In black on doors, hatches, drain cocks, valves, some ventilation fans and ventilation openings (including slide valves) affecting watertight integrity. Required only in the red zone.

**Z** In black on similar openings. Primarily required for openings above the RED zone of watertight risk to give protection against blast, flash or fire (*see also* Paragraph 12c.).

A In orange on ventilation and other openings (not doors and hatches—*see* B Note in this Annex under Paragraph 12c.) affecting only gastight integrity. Gas flaps should bear an orange arrow to indicate direction of operation to put the flap to the specified condition.

M In orange on openings and fittings where control, in GASTIGHT CONDITIONS ONLY, must be exercised by the USER DEPARTMENT. The marking may be used alone (on openings which do not affect watertight integrity) or in addition to any watertight control marking. This is the only exception to the general rule that openings may bear one main control mark only. Any watertight control must take precedence over the 'M' marking at all times except when a gastight condition has been set. Openings affected will be ventilation arrangements (and possibly some access openings) to machinery spaces, air filtration units, some radar offices and the inner boundary doors of cleansing stations.

R In orange on certain fittings necessarily included in recirculation systems during 'closed down' conditions. This includes recirculation fans, slide valves in the recirculating system and, in some ships, flaps in bulkheads high in the ship and in fan chambers, which have been specially fitted for recirculation. They will bear no other marking.

*Note:* An opening with an orange control marking does not need an orange risk marking. In other words, the control letter acts also as a risk marking.

7. a. 'May be left open' Discs. On certain openings which would normally be closed in a particular condition but which may need to be open for periods without a special sentry. The requirements for these are laid down in BR 2170, Chapter 22, Paragraph 10. These discs should be kept to a minimum number and they should bear the words 'May be left open', on the identification marking of the opening and the condition(s) for which authorised. They are to be hung on a screw and cover the ordinary control marking. At all other times, and when assuming a higher condition than that for which authorised, the disc is to be withdrawn and the door controlled according to its marking.
- b. Openings (generally only a few) which would normally be closed but may need to be open, and possibly remain open for action purposes, should have a disc screwed on, not covering the control marking, and bearing the words 'May be open in ACTION'. The use of a disc is better than painting the instruction on the door since it establishes a common ground with other uses of these discs. At all times other than those authorised by OOQs in accordance with ships orders, the opening is to be controlled according to its normal marking.
- c. Doors or hatches, bearing a watertight control marking which would normally be closed but which must be open for efficient recirculation should have a disc screwed on the door, not covering the control marking, bearing the words 'May be left open for RECIRCULATION'. Examples are probably few. Permission is operative in the closed down condition only.

*Note:* In ships with pressurised citadels, it may be necessary to keep some doors and hatches open in Condition ZA to enable pressures to equalise throughout the citadel. The 'recirculation' disc may be used on these openings (*see* also Paragraph 12b.).

- d. Hatches which need to be opened during the course of routine inspections (eg, gland spaces, plumper block compartments) should be marked X or Y and a special disc issued to the appropriate department bearing the words 'May be left open—MAN BELOW', the disc to be hung on the topmost of the series of hatches and removed when the hatches are closed. At all other times the hatches are to be controlled according to their normal markings.

### Qualifying Symbols

8. The only qualifying symbols needed are:

*2 Clips* .. Intended for doors and hatches where the volume of traffic renders full clipping impracticable. Its use may be extended to doors selected for routes to shelter stations. This marking is to be decided by ships officers. In emergency, all clips are to be used.

*Vent 2 Clips*  
*Vent No Clips* Needed on certain hatches over magazines in some ships for venting purposes, the former on unarmoured hatches in the red zone, the latter on armoured hatches. These markings are decided by Ship Department. They are operative only when the venting condition has been ordered, ie, generally in the action state.

(*See* BR 2170, Chapter 13, Paragraph 15). In emergency, all clips to be used.

*Citadel In*  
*Citadel Out* On certain selected doors (or hatches) for citadel access via an air lock when fully closed down in Condition A, but before the ship becomes contaminated. In new construction, the openings to be so marked are decided by Ship Department.

### Cleansing Stations

9. Once the ship has become contaminated, all personnel (whether or not known to be contaminated) must enter the citadel via a cleansing station, until conditions are reported safe by the Command. Entrance will be gained through an undressing station, the outer door of which should be labelled—CLEANSING STATION.

### Shelter Routes

10. Routes to shelter stations on and below the weather decks are to be indicated by an arrow and the word 'SHELTER', both in orange. This sign should be used on bulkheads where necessary. Doors should be indicated by signs on either side pointing to them; no marking will then be required on the door except its normal control and risk markings and possibly the 2 CLIP symbol. In the case of a hatch, if there are no adjacent bulkheads, the sign must be placed on the hatch cover. The pipe 'SHELTER, SHELTER, SHELTER' is an emergency order allowing any route so marked to be used.

### Rules for Markings

11. *X* Shut in all watertight conditions. To be opened only by permission of HQ. IF required to be kept open, a sentry must be posted or other adequate arrangements made for instant closing.

*Y* May remain open in Condition X, must be shut in Y and Z. When shut, may be opened for passage or use (*see* below regarding Condition A). If required to be kept open in conditions Y and Z, the rules as for X openings apply.

*Z* May remain open in Conditions X and Y, shut in Z. When shut, the rules for Y openings apply.

*A* When ordered to be closed (ie, in the respective conditions) not to be opened  
*B* without permission from HQ.

*M* In gastight conditions, under the control of the user department. Departments concerned must ensure that orders are clear and fully understood by their personnel.

*R* Fan must continue to run or opening must remain open for recirculation.

- Notes: (1) The order 'Close red openings' overrides, while in force, any permission that has been given for these openings to be open. Any opening bearing a red risk marking may then only be opened by permission of NBCD HQ 1.
- (2) 'Closed' (or 'shut') means fully clipped, except for openings bearing 2-CLIP or venting symbols, and even those are to be fully clipped in emergency or, on shelter routes, when the last man is through to shelter. Y 2-CLIP doors are to be fully clipped in Condition ZULU.
- (3) In Condition A, but not otherwise, openings with any orange markings which are shut must not be opened without permission except 'citadel in and out' doors and those on shelter routes, which will be clearly indicated. Thus, in this condition, the orange risk marking is virtually also a control marking.

#### Principles of Application

12. Guidance is given by the Naval Board for new construction and modernised ships. The general principles to be followed are:

- a. Within the red zone, openings which affect watertight integrity should generally be X or Y. Z (*see* Paragraph 7c.) is only acceptable in the red zone where the need for free access at all times other than in the highest state of readiness is paramount (*see* also Paragraph 13).
- b. Above the red zone, openings affecting watertight integrity (shown in blue on ships drawings) and those required to be shut to prevent spread of blast, flash or fire should generally be marked Z. Doors normally kept locked (eg, stores) should be marked Z since they can then be opened by the responsible person without reference to HQ.

Note: There may be exceptionally in some ships a few doors and hatches high up which are in almost continuous use, that do not immediately affect watertight or gastight integrity, and have little value in prevention of blast etc. These may be left unmarked. If required to be shut for any reason, eg on outbreak of fire, they can be shut by order.

- c. Openings in boundaries of citadel, and gas-free spaces:

- (1) *Doors and Hatches.* As in a. and b. above, ie, in the red zone, X or Y and above the red zone, Z. In every case an orange flash *must* be used in addition. Where needed, certain openings may bear M in addition as referred to under 'M' markings. (*See* Paragraph 6 of this Annex.)

Note: Most doors and hatches in citadel boundaries need to be shut in action to stop blast, etc, apart from any watertight requirements, and a watertight control marking is appropriate. Controlling them all by watertight markings obviates any need for A or B on any doors or hatches, thus helping to avoid confusion.

- (2) *Ventilation.* This must be marked in accordance with the requirements of the compartments served. Some guidance on marking ventilation systems is given in BR 2170, Chapter 22, Paragraphs 32, 34 and 35. Some ventilation openings, valves and fans can bear the same watertight risk and control markings as the access to the compartment served (eg, some magazines, storerooms, etc). Other systems must continue to run even in high watertight condition and would then normally be controlled by a gastight control marking (A, B, M or R) but should bear in addition to the ORANGE risk the appropriate watertight risk. To reduce the risk of spreading fire, flooding or contamination through ventilation systems, it is important that non-essential ventilation is so marked as to reduce its use in the high conditions to a minimum.

- (3) (a) *Scupper, Drains and Soil Pipes.* In all ships, any scupper, drain or soil pipe that has no opening into the citadel needs no marking other than a watertight risk marking on the screw down storm valve and its rodgeared handwheel.
- (b) In ships without pressurised citadels, gas flaps, valves and their rodgeared handwheels associated with the sealing of scuppers, drains and soil pipes (with their air escapes) opening into the citadel, are to bear a gastight control marking as well as any appropriate watertight risk marking.
- (c) In ships with pressurised citadels, the policy is that all scuppers, drains and soil pipes opening into the citadel are fitted with 6 in water seals. No gastight markings will be required but the storm valves and their handwheels must bear any appropriate watertight risk markings. In future construction this provision will be made. Where such pipes are not fitted with 6 in water seals, the handwheels and air escapes are to be given a gastight control marking and the services will therefore not be usable when the ship is closed down except by permission from NBCD HQ.

#### Examples for Guidance in Applying Markings

13. The following may be useful for guidance in marking some types of doors and hatches, mainly in the red zone:

Magazines, etc .. .. .	X or Y (special 'May be open in ACTION' disc)
Engineer's rounds spaces .. .. .	X or Y (special 'May be left open' disc)
Bathrooms in red zone .. .. .	Door Y. (Hatch with manhole Y and Z)
*Gangway doors, red zone .. .. .	Y (2 CLIPS if necessary)
Gangway doors, above red zone .. .. .	Z (2 CLIPS if necessary)
Workshops, hatch access .. .. .	Y if spring loaded or manhole fitted, Z if no manhole or not able to be opened from below
†Mess spaces and cabin flats with manhole .. .. .	Y hatch, Z manhole
†Mess spaces and cabin flats, with no manhole .. .. .	Z
†Messdecks, small ships .. .. .	Z (generally)
†Messdecks, door access .. .. .	Y or Z according to traffic
†Main naval store .. .. .	Y hatch, Z manhole (Z if no manhole)
Other stores, working spaces, cable passages, etc .. .. .	Z
‡Main machinery spaces .. .. .	Boiler Room Y Engine Room, one Y—one Z
‡Generator room .. .. .	X or Y
‡Pump spaces .. .. .	X or Y
‡Sonar compartment (when manned) .. .. .	Y if openable from below Y—(special 'May be left open' disc) if not openable from below
Hangar access doors .. .. .	Y or Z (orange risk)
In Aircraft Carrier, door from Compass Platform to bridge wing door to Ops Room, etc	Z—(special 'May be left open' disc) (orange risk)

\*In some ships, gangway doors in the red zone are in such continual use that even Y 2 CLIPS is not acceptable. These openings may be given a Z marking or in extreme cases, where frequent and rapid passage is required even at State 1, Z 2 CLIPS might be considered more appropriate.

†In war, it may be necessary to post orders at the entrance, to ensure that if the space is left unoccupied (in the red zone) the last man out closes the opening.

‡These openings may bear M in addition.

#### Side Scuttles

14. All scuttles are a risk to gastight integrity and those in the ships side a great risk also to watertight integrity. All side scuttles below the weather deck (or the corresponding deck in a carrier) and escape scuttles should bear a watertight and gastight risk marking. They should not be given a control marking; their opening and closing should be under the direct control of the Command through the NBCD officer. The order to close RED openings in emergency overrides any permission which may have been given to open scuttles so marked. Side scuttles above the weather deck should be given a gastight control marking; they would then be closed on assuming the appropriate gastight condition.

#### States of Readiness

15. The states of readiness used are:

<i>State 1</i>	..	Attack imminent	..	Highest state of NBCD preparedness; all positions fully manned
<i>State 1 relaxed</i>		Attack likely but not imminent		All positions manned, but up to 50 per cent personnel may be relaxed for meals, etc
<i>State 2</i>	..	Attack possible, or in dangerous waters		War seagoing state; watch system. In peace, passage through mined waters, navigational hazards, etc
<i>State 3</i>	..	Attack unlikely without adequate warning		Defended harbour in war; normal cruising in peace
<i>State 4</i>	..	..	..	Normal peace routine in harbour

The following table suggests practicable relationships between STATES and CONDITIONS, and the circumstances under which they would generally apply. They are neither mandatory nor rigid but are intended as guidance in producing the best working arrangements. However, a gastight condition would never be used alone but be superimposed when required on a watertight condition.

		Table			
Conditions		Circumstances		States	
X	Peace.	Harbour and normal cruising	.. ..	4 (harbour)	
	War.	Defended harbour when refitting, etc	.. ..	3 (cruising)	
Y	Peace.	Dangerous circumstances, eg, fog or mines	.. ..	3 or 2	
	War.	Undefended harbour and normal cruising	.. ..	2	
YB	Peace.	As required for exercises	.. ..	2	
	War.	Cruising, or undefended harbour, and prepared for NBC attack	.. ..	2	
YA	Peace.	As required for exercises	.. ..	2 but with Cleansing Stations Operating	
	War.	During Fallout Transit or after the ship has been contaminated by Fallout or a persistent chemical agent and provided there is no imminence of further attack	.. ..	2 but with Cleansing Stations Operating	
Z	Peace.	Exercises	.. ..	1 or 1 relaxed	
	War.	Action or relaxed action	.. ..	1 or 1 relaxed	
ZB	Peace.	Exercises	.. ..	1 or 1 relaxed	
	War.	As Z but prepared for NBC attack	.. ..	1 or 1 relaxed	
ZA	Peace.	Exercises	.. ..	1	
	War.	As Z but NBC attack imminent	.. ..	1	

#### Executive Orders

16. The method of setting the states and conditions should be by pipe broadcast. The condition or the state may be changed independently (eg, condition X to Y or Y to YB, or in condition Y, change state from 3 to 2). The condition and state may also be assumed or changed together (eg, 'Assume State 3 Condition Yankee', or 'State 2 Condition Yankee Bravo', or 'State 1 Condition Zulu Alfa').

(DNSD 1606/203/28)

(Navy Orders 314 and 650 of 1965)

#### UNCLASSIFIED

#### 815—RAN Air Station Nowra—Official Titles

1. The following information is intended to establish the correct titles and addresses to be used in respect of the RAN Air Station, Nowra.

2. The official title of the establishment is:

RAN Air Station, NOWRA.

3. The address to be used for all official correspondence is:

The Commanding Officer,  
RAN Air Station, NOWRA.  
NSW 2540.

4. The signal address to be used is:

NAS NOWRA.

5. The official name of the commissioned establishment, HMAS ALBATROSS, is to be used only for internal RAN purposes, such as posting lists. It is not to be used in official correspondence or signals.

(D of C 1426/22/291)

#### Section 2 PERSONNEL

#### UNCLASSIFIED

#### 816—Procedures for Parallel Running Phase of Naval Personnel EDP System

Navy Order 542 of 1967 is to be amended as follows:

#### APPENDIX B—CHAPTER 18—SECTION VIII—LONG SERVICE AND GOOD CONDUCT MEDAL AND GRATUITY

*Article 1886.—Qualifications. Add to Paragraph 1 (a):*

'A break in continuity of VG conduct following a conduct assessment of VG\* is not regarded as a break in continuity of VG conduct for the purpose of calculating qualifying service for the award of the Long Service and Good Conduct Medal. (See Article 1861).'

(HPB 38/1/69)

(Navy Order 542 of 1967)

Section 4

EQUIPMENT, STORES AND SERVICING

UNCLASSIFIED

817—Ammunition—Propellant—Landing—Destruction—Reports

(DCI (RN) 1080/1968)

1. Propellant of the following lots is due for withdrawal, having reached age limits:

Propellant Lots Affected	Type	Nature of Ammunition Which May be Affected
RNC 4971	.. SC/Z 008	.. Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNC 4982	..	.. Cartridges: QF 4 in (FA)
RNC 4995	.. } SC 048	
RNC 5023	..	
RNC 4955	..	.. Cartridges: QF 4.5 in (SL), QF 4 in
RNC 4963	..	
RNC 4981	..	
RNC 4994	..	
RNC 5005	..	
RNC 5006	.. } SC 103	
RNC 5022	..	
RNC 5041	..	
RNC 5053	..	
RNC 5054	..	
RNC 4962	..	.. Cartridges: Impulse Torpedo
RNC 5020	.. } SC 140	
RNC 4951	..	.. Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNC 4974	..	
RNC 4987	.. } NF 029	
RNC 5033	..	
RNC 4989	..	.. Cartridges: QF 4 in, QF 4.5 in (SL)
RNC 5014	..	
RNC 5037	.. } NF 042	
RNC 5036	.. NF/S164-048	.. Cartridges: QF 4.5 in (SL)
RNC 4988	..	.. Cartridges: QF 4.5 in (SL)
RNC 4999	..	
RNC 5013	..	
RNC 5032	.. } NF/S 168-048	
RNC 5000	.. NF/S 198-054	.. Cartridges: QF 4.5 in (SL)
RNC 4967	..	.. HSCK/T 124-058 A/S SQUID
RNC 5027	.. } HSCK/T 124-058	

Propellant Lots Affected	Type	Nature of Ammunition Which May be Affected
RNC 4956	..	.. HSCK/T 134-055 Cartridges: SQUID, A/S Mortar
RNC 4957	..	
RNC 4958	..	
RNC 4959	..	
RNC 4964	..	
RNC 4965	..	
RNC 4966	..	
RNC 4984	..	
RNC 4986	..	
RNC 4983	..	
RNC 4996	..	
RNC 4997	..	
RNC 4998	..	
RNC 5008	..	
RNC 5009	..	
RNC 5010	..	
RNC 5011	..	
RNC 5012	..	
RNC 5024	..	.. SC 103 .. Cartridges: QF 4.5 in (SL), QF 4 in
RNC 5025	..	
RNC 5026	..	
RNC 5042	..	
RNC 5043	..	
RNC 5044	..	
RNC 5045	..	
RNC 5055	..	
RNC 5056	..	
RNC 5057	..	
RNP 834	..	.. SC 140 .. Cartridges: Impulse Torpedo
RNP 848	..	
RNP 849	..	
RNP 866	..	
RNP 883	..	
RNP 900	..	.. NF 029 .. Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNP 845	..	
RNP 863	..	
RNP 880	..	
RNP 898	..	.. NF 042 .. Cartridges: QF 4 in, QF 4.5 in (SL)
RNP 907	..	
RNP 1027R	..	.. NF 052 .. Cartridges: QF 4 in (FA)
RNP 856	..	
RNP 827	..	.. NF 059 .. Cartridges: QF 4 in (FA), QF 4.5 in (SL)
RNP 840	..	
RNP 855	..	
RNP 893	..	.. NF 070 .. Cartridges: QF 4 in (FA)
RNP 1026R	..	
RNP 825	..	

Propellant Lots Affected	Type	Nature of Ammunition Which May be Affected
RNP 826 ..	NF/S 116-036 ..	Cartridges: QF 4 in (FA)
RNP 841 ..		
RNP 906 ..		
RNP 859 ..	NF/S 164-048 ..	Cartridges: QF 4 in
RNP 871 ..		
RNP 824 ..		
RNP 839 ..	NF/S 169-048 ..	Cartridges: QF 4.5 in (SL)
RNP 854 ..		
RNP 887 ..		
RNP 891 ..		
RNP 905 ..		
RNP 858 ..	NF/S 198-054 ..	Cartridges: QF 4.5 in (SL)
RNP 872 ..		
RNP 874 ..		
RNP 842 ..	HSCK/T 134-055	Cartridges: SQUID, A/S Mortar
RNP 857 ..		
RNP 861 ..		
RNP 873 ..		
RNP 877 ..		
RNP 890 ..		
RNP 895 ..		
RNP 909 ..		
RNP 2597R ..	SUK/XII ..	Motors Rocket 3 in A/C
RNP 2510XA ..		
MEC 169 ..	SC 048 ..	Cartridges: QF 4 in (FA)
MEC 170 ..	NF/S 164-048 ..	Cartridges: QF 4 in
MEC 171 ..	NF/S 168-048 ..	Cartridges: QF 4.5 in (SL)
VC 4458 ..	N/S 164-048 ..	Cartridges: QF 4 in (FA)
VC 4459 ..		
VC 4460 ..		
VC 4461 ..		
VC 4466 ..		
VC 4468 ..		
VC 4470 ..		
VC 4471 ..		
VC 4472 ..		

2. Action to be taken by HMA ships, establishments and proof ranges Return to RAN Armament Depot as early as practicable; if unable to comply within three months from date of this order, report specially to DAS, NM and ER, BR 862, Article 1126 refers.

3. Action to be taken at RAN Armament Depots Declare for disposal Propellant Acceptance List is to be amended.

(DAS 729/51/91)

## UNCLASSIFIED

## 818—Naval Stores—General—Aluminium Tally Plates NBCD Markings

1. It has been decided that NBCD aluminium tally plates with a white background only are to be purchased for future use.

2. The following 'Signs—Tally Plates' with white backgrounds are now held in stock by SNSO Sydney under Group Class 9905 and will be available on demand:

Group Class	Catalogue Number	Item Name	Denom	Classification
9905	66-028-8289	1½ in X black on white .. ..	No	C
9905	66-029-3871	1½ in Y black on white .. ..	No	C
9905	66-029-3872	1½ in Z black on white .. ..	No	C
9905	66-017-1087	1½ in orange letter A and orange circle ..	No	C
9905	66-017-1091	1½ in orange letter B and orange circle ..	No	C
9905	66-017-1095	1½ in orange letter C and orange circle ..	No	C
9905	66-017-1099	1½ in orange letter M and orange circle ..	No	C
9905	66-018-9211	CITADEL OUT 1½ in orange letters ..	No	C
9905	66-018-9212	CITADEL IN 1½ in orange letters ..	No	C
9905	66-029-3873	CLEANSING POST 1½ in orange letters	No	C
9905	66-018-9216	RUN IN A 1½ in orange letters ..	No	C
9905	66-018-9218	OPEN IN A 1½ in orange letters ..	No	C
9905	66-018-9219	FAN SUPPLY ¾ in black letters ..	No	C
9905	66-018-9221	FAN EXHAUST ¾ in black letters ..	No	C
9905	66-018-9223	SUPPLY FAN ¾ in black letters ..	No	C
9905	66-018-9225	EXHAUST FAN ¾ in black letters ..	No	C
9905	66-015-9227	NAT SUPPLY ¾ in black letters ..	No	C
9905	66-018-9229	NAT EXHAUST ¾ in black letters ..	No	C
9905	66-018-9231	2 CLIPS 1½ in black letters .. ..	No	C
9905	66-018-9232	ACCESS 1½ in orange letters .. ..	No	C
9905	66-029-3874	S 2 in black letter on white background with ¼ in black border	No	C
9905	66-018-9234	BLACK ARROW 4 in long ⅝ in wide 1½ in x 1½ in head	No	C
9905	66-018-9235	2 PARALLEL BLACK STRIPES 5 in long x ¼ in wide ½ in apart	No	C
9905	66-029-3875	1½ in orange letter R and orange circle ..	No	C

3. Stocks held of tally plates with grey backgrounds are to be used until exhausted.

4. All other NBCD aluminium tally plates will require to be specially manufactured at Garden Island Dockyard and at least six weeks notice should be given to SNSO, Sydney to ensure that supply can be effected when required.

5. The method of attaching tally plates to ships structure is by use of 8040-66-018-9236 contact adhesive (1 pint tins) available on demand from SNSO, Sydney.

6. Navy Order 766 of 1965 is hereby cancelled.

(DNS 506/51/186)

(Navy Order 766 of 1965)

## UNCLASSIFIED

## 819—Naval Stores—General—Camera Still Picture Complete 35 MM F2.5 Lens and Accessories—Introduction and Allowances

1. The 'Nikonos' camera, accessories and associated equipment detailed hereunder have been introduced for HMA ships and establishments having an involvement in underwater photography:

Group Class	Catalogue Number	Description	D of Q	Acctg Classification
6720	66-026-4707	Camera still picture .. ..	No	P
6760	66-026-4708	View finder camera .. ..	No	P
6760	66-026-4709	Filter light optical instrument .. ..	No	C
6760	66-026-4710	Shade photographic lens .. ..	No	C
6760	66-026-4711	Flash gun photographic .. ..	No	P
6740	66-025-9341	Processing unit photographic film ..	No	P

2. Allowances of the camera, accessories and associated equipment are detailed in the Annex to this order. Supply to complete to these allowances will be effected without demand, by SNSO, Sydney.

3. On receipt of the Nikonos camera HMA ships and establishments concerned should return the Retinette camera to SNSO, Sydney.

4. Services not allowed a Nikonos underwater camera or Nikormat camera for intelligence purposes should retain current allowances of Retinette cameras for public relations purposes.

5. CD sailors and PHOT sailors will be trained in the use of the new type camera during promotion courses. HMA ships and establishments without these sailors are to make appropriate arrangements for training.

6. A stowage box suitable to accommodate and protect each camera and a complete set of accessories should be made up by individual holders of this equipment.

## ANNEX

HMA Ship/Establishment	D of Q	6720-66 026-4707 Camera, Still Picture	6760-66 026-4708 Viewfinder	6760-66 026-4709 Filter	6760-66 026-4710 Shade	6760-66 026-4711 Flash Gun	6740-66 025-9341 Processing Unit
CVS, ASW, AP, DDG, DD, DE, AGS, MSO, AD, AOR, and AGOR (DIAMANTINA)	No	1	1	1	1	1	Nil
TARANGAU	No	1	1	1	1	1	Nil
ALBATROSS ..	No	1	1	1	1	1	Nil
PENGUIN ..	No	4*	4*	4*	4*	4*	3†
CERBERUS ..	No	1	1	1	1	1	Nil
WATERHEN (CDT1 and 3)	No	2	2	2	2	2	1 (CDT1)
LEEUEWIN (CDT4 and DT7)	No	2	2	2	2	2	Nil
LONSDALE (DT6)	No	1	1	1	1	1	Nil
MORETON (DT8)	No	1	1	1	1	1	Nil

\* { 2 No of each for Diving School  
1 No of each for CDT2 and DT5

+ { 2 No for Diving School  
1 No for CDT2

(DSAP 400/202/472)

## UNCLASSIFIED

**820—Safety—Use of Lifelines**

1. In an incident in one of HMA ships a senior sailor working over the side elected to jump into the water clear of the ship in preference to risking injury and the possibility of being knocked into the water by an accommodation ladder which had got out of hand.

2. He was wearing a lifejacket and lifeline but as the ship was proceeding at 13 knots the lifeline was slipped as the man entered the water—under the circumstances a wise decision. The sailor was recovered unhurt several minutes later.

3. In a more recent incident a sailor working over the side of a ship in drydock fell some fifteen feet before being brought up by his lifeline.

4. Both these incidents show the care necessary tending lifelines and the need for them to be kept in hand with turns appropriate to the expected load and not made fast.

5. The use of lifelines is to be limited to the following occasions:

- a. By divers; instructions are given in ABR 155 (The Diving Manual).
- b. Overside working by non-swimmers or by all men when the ship is underway, in a strong tideway or in drydock.
- c. Aloft working over 20 feet when, if a Pattern 4132 safety belt is not worn, a safety rope should be rove to a point higher than the man if he is to work beyond the scope of ladders or foot ropes.
- d. Attached to a swimmer during rescue operations.
- e. Between decks, only in the few cases where a man is likely to succumb to foul atmosphere or uncertain foot hold, close to a door or below a hatch. If he is going in to rescue an earlier entrant, where speed is essential, then he must take in a second line in addition to his own life-line.
- f. As directed in BR 3000 (Engineering Manual), Articles 0602 and 0604.

6. Between decks, users of breathing apparatus for fire fighting or damage control will normally be working in congested spaces where the risk of entanglement of any sort of line is high and the hauling of a life-line around obstacles is impracticable; in such cases the men should carry guide lines and will also need an audible warning device to give signals to their supervisors. Details of guide lines to be used and warning devices necessary are being prepared and will be promulgated by navy order in due course.

(CONS 177/1/66)



CONFIDENTIAL

CONFIDENTIAL - Security Information

1. It is the policy of the FBI to maintain the highest standards of security and to ensure that all personnel are fully aware of these standards and the penalties for any violation thereof. It is the responsibility of each employee to maintain the highest standards of security at all times.

2. The following information is classified as CONFIDENTIAL and is to be controlled, stored, transmitted, and disseminated in accordance with the provisions of the FBI Security Manual. The information is to be controlled, stored, transmitted, and disseminated in accordance with the provisions of the FBI Security Manual.

3. It is the responsibility of each employee to maintain the highest standards of security and to ensure that all personnel are fully aware of these standards and the penalties for any violation thereof. It is the responsibility of each employee to maintain the highest standards of security at all times.

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CONFIDENTIAL

Registers

ANO's 821-835/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
12 December 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*Handau.*

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

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## Section 4

## EQUIPMENT, STORES AND SERVICING

## UNCLASSIFIED

**821—Stores General—Group Class 0621—Electronic Valves, Transistors and Cathode Ray Tubes—Change of Stock Numbers**

1. As a result of investigations carried out with the Defense Supply Agency, USA, Federal Stock Numbers (FSN) have been obtained for the undermentioned items. The Stock Numbers are changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
0621	L49104	Transistor .. .. .	5961	00-082-1617
0621	L49838	Transistor .. .. .	5961	00-722-1175
0621	L49990	Semiconductor device, diode ..	5961	00-081-2573
0621	L55124	Semiconductor device, diode ..	5961	00-851-7843
0621	L55126	Transistor .. .. .	5961	00-811-8371
0621	L55127	Transistor .. .. .	5961	00-269-4017
0621	L55128	Semi-conductor device, diode ..	5961	00-916-0661
0621	L55129	Semi-conductor device, diode ..	5961	00-916-0662
0621	L55130	Semi-conductor device, diode ..	5961	00-916-2332
0621	L55131	Transistor .. .. .	5961	00-948-4492

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 20 January 1969.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/54/389)

## UNCLASSIFIED

**822—Stores General—Group Class 1560—Airframe Structural Components—Change of Stock Numbers**

1. As a result of maintenance data received from the Defense Supply Agency, USA, in respect of RAN Inventory Items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
1560	00-060-2034	Plate, identification .. .. .	1615	00-060-2034
1560	00-065-5497	Filter assembly .. .. .	1615	00-065-5497
1560	00-065-9682	Semi-conductor device .. .. .	5961	00-065-9682
1560	00-070-6821	Plate assembly .. .. .	1615	00-070-6821
1560	00-083-0468	Static stop .. .. .	1615	00-083-0468
1560	00-084-7757	Tube assembly, metal .. .. .	1615	00-084-7757
1560	00-085-3887	Pitch horn assembly .. .. .	1615	00-085-3887
1560	00-086-6781	Link assembly, pitch .. .. .	1615	00-086-6781
1560	00-626-1937	Washer, flat .. .. .	5310	00-626-1937
1560	00-626-2425	Contact, electrical .. .. .	5945	00-626-2425
1560	00-675-3239	Restrictor, fluid flow .. .. .	2915	00-675-3239

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
1560	00-676-6141	Bumper, transmission ..	1615	00-676-6141
1560	00-700-7056	Valve assembly, check ..	2845	00-700-7056
1560	00-700-7080	Control assembly, engine ..	2845	00-700-7080
1560	00-700-7234	Clevis, rod end ..	5340	00-700-7234
1560	00-701-7889	Strike, plate ..	4935	00-701-7889
1560	00-719-7460	Hinge, escape ..	1560	00-703-6828
1560	00-731-7957	Trunnion, left hand ..	2995	00-731-7957
1560	00-731-7977	Bearing, ball, stack ..	1615	00-731-7977
1560	00-733-8305	Motor windshield ..	1680	00-733-8305
1560	00-733-8306	Arm assembly ..	1680	00-781-4031
1560	00-733-8318	Valve and actuator ..	1680	00-733-8318
1560	00-738-8352	Support assembly ..	1615	00-738-8352
1560	00-739-4575	Adaptor, hoisting ..	1730	00-739-4575
1560	00-758-1460	Shim ..	5340	00-758-1460
1560	00-758-2828	Stop, inboard fitting ..	1615	00-758-2828
1560	00-758-3674	Shim ..	1615	00-758-3674
1560	00-778-2215	Spacer, sleeve ..	5315	00-778-2215
1560	00-777-8541	Cover, exhaust diffuser ..	2995	00-777-8541
1560	00-804-2588	Washer, non-metallic ..	5330	00-804-2588
1560	00-806-2196	Jet assembly, transmission ..	1615	00-806-2196
1560	00-806-2439	Retainer, tail rotor ..	1615	00-806-2439
1560	00-807-7832	Roller, transmission ..	3110	00-807-7832
1560	00-815-6683	Control quill assembly ..	1615	00-815-6683
1560	00-831-0303	Quill assembly transmission ..	1615	00-831-0303
1560	00-831-1438	Restrictor assembly ..	4730	00-831-1438
1560	00-856-3918	Scissors and sleeve ..	1615	00-856-3918
1560	00-855-9236	Bearing, ball ..	3110	00-855-9236
1560	00-856-3919	Support assembly ..	1615	00-856-3919
1560	00-856-4652	Bolt, counterweight ..	1615	00-856-4652
1560	00-859-6111	Slider, tail rotor ..	1615	00-859-6111
1560	00-859-6114	Tube, oil transfer ..	1615	00-859-6114
1560	00-860-9508	Lock, plate ..	1615	00-860-9508
1560	00-863-1191	Retainer assembly ..	1615	00-863-1191
1560	00-863-3819	Drive shaft assembly ..	1615	00-863-3819
1560	00-873-2260	Sight, glass, transmission ..	1615	00-873-2260
1560	00-873-2267	Mast assembly ..	1615	00-873-2267
1560	00-873-2276	Connecting link, rigid ..	1615	00-873-2276
1560	00-873-2282	Pump, rotary, power driven ..	4320	00-873-2282
1560	00-873-2308	Scissors assembly ..	1615	00-873-2308
1560	00-873-2309	Sleeve, collective ..	1615	00-873-2309
1560	00-874-0862	Spider assembly ..	1615	00-874-0862
1560	00-874-0863	Spider assembly ..	1615	00-874-0863
1560	00-874-0864	Tube assembly, metal ..	1615	00-874-0864
1560	00-876-2406	Ring assembly, swash ..	1615	00-876-2406
1560	00-886-5998	Control tube, tail rotor ..	1615	00-886-5998
1560	00-888-3160	Housing assembly ..	1615	00-888-3160
1560	00-896-6251	Dipstick assembly ..	6680	00-896-6251
1560	00-898-0005	Screen assembly ..	2935	00-898-0005
1560	00-898-0051	Liner, bearing housing ..	1615	00-898-0051
1560	00-898-1685	Deflector, dirt ..	1615	00-898-1685
1560	00-898-1687	Sleeve assembly ..	1615	00-898-1687

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
1560	00-898-1688	Lockplate, gripnut ..	1615	00-898-1688
1560	00-898-6878	Gear, main input ..	1615	00-898-6878
1560	00-898-6881	Gear, planetary ..	1615	00-898-6881
1560	00-898-6883	Jet assembly ..	1615	00-898-6883
1560	00-898-6884	Jet assembly ..	1615	00-898-6884
1560	00-898-6886	Gear, spur ..	1615	00-898-6886
1560	00-898-6887	Gearshaft, spur ..	1615	00-898-6887
1560	00-898-6888	Sprocket assembly ..	1615	00-898-6888
1560	00-898-6889	Liner, planetary ..	1615	00-898-6889
1560	00-898-6890	Liner, transmission ..	1615	00-898-6890
1560	00-970-1262	Trunnion assembly ..	1615	00-970-1262
1560	00-974-7725	Cap assembly, landing ..	1615	00-974-7725
1560	00-980-1845	Cam, droop compensating ..	2915	00-980-1845
1560	00-980-9477	Tube assembly, metal ..	1615	00-980-9477
1560	00-980-9478	Tube assembly, metal ..	1615	00-980-9478
1560	00-980-9479	Tube assembly, metal ..	1615	00-980-9479
1560	00-980-9481	Tube assembly, metal ..	1615	00-980-9481
1560	00-980-9484	Tube assembly, metal ..	1615	00-980-9484
1560	00-980-9559	Skid tube assembly ..	1615	00-980-9559
1560	00-991-8972	Skid tube assembly ..	1615	00-991-8972
1560	00-996-0840	Oil cooler assembly ..	1615	00-996-0840
1560	00-996-7489	Oil cooler body ..	1615	00-996-7489
1560	00-905-5106	Bolt shoulder ..	5306	00-905-5106
1560	00-780-2663	Pitch horn assembly ..	1615	00-780-2663
1560	00-898-6869	Hose, air duct ..	4720	00-898-6869
1560	00-624-5321	Nut, bearing retainer ..	1615	00-624-5321
1560	00-611-2279	Knob ..	5355	00-910-4936
1560	00-623-0431	Bumper ..	5340	00-623-0431
1560	00-851-5594	Plate, identification ..	9905	00-864-9687

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 20 January 1969.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 607/51/69)

#### UNCLASSIFIED

#### 823—Stores General—Group Class 2810—Gasoline Reciprocating Engines, Aircraft, and Components—Change of Stock Numbers

1. As a result of maintenance data received from the Defense Supply Agency, USA, in respect of RAN Inventory Items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
2810	00-210-5863	Spacer, plate ..	5340	00-210-5863
2810	00-212-8535	Cover, ventilatory ..	8115	00-300-2739
2810	00-497-4872	Adaptor, cylinder ..	2810	00-570-2780
2810	00-634-9030	Packing, preformed ..	5330	00-290-7951

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 20 January 1969.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 611/51/67)

#### UNCLASSIFIED

##### 824—Stores General—Group Class 3110—Bearings, Anti-friction, Unmounted—Change of Stock Numbers

1. As a result of maintenance data received from the Defense Supply Agency, USA, in respect of RAN Inventory Items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
3110	00-540-7961	Bearing, ball, annular ..	3110	00-516-5151
3110	00-628-0742	Bearing, ball, annular ..	3110	00-079-6387
3110	00-656-2372	Bearing, ball, annular ..	3110	00-155-8432
3110	00-841-1252	Bearing, roller, tape ..	2815	00-841-1252

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 20 January 1969.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 400/70/115)

#### UNCLASSIFIED

##### 825—Stores General—Group Class 4450—Industrial Fan and Blower Equipment—Change of Stock Numbers

1. As a result of maintenance data received from the Defense Supply Agency, USA, in respect of RAN Inventory Items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
4450	00-203-0812	Fan, centrifugal ..	4140	00-203-0812
4450	00-783-0111	Fan, centrifugal ..	4140	00-783-0111
4450	00-815-2610	Fan, centrifugal ..	4140	00-815-2610

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 20 January 1969.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 1114/51/185)

#### UNCLASSIFIED

##### 826—Stores General—Group Class 5305—Screws—Change of Stock Numbers

1. As a result of investigations carried out with the Defense Supply Agency, USA, Federal Stock Numbers (FSN) have been obtained for the undermentioned items which had been allocated a Defense Stock Number (DSN) for accounting and identification purposes. The Stock Numbers are changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5305	66-027-0039	Screw, machine ..	5305	00-059-8436
5305	66-027-0040	Screw, machine ..	5305	00-059-8448
5305	66-027-0042	Screw, machine ..	5305	00-638-1883
5305	66-027-0043	Screw, machine ..	5305	00-687-6887

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 20 January 1969.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 506/61/526)

#### UNCLASSIFIED

##### 827—Stores General—Group Class 5325—Fastening Devices—Change of Stock Numbers

1. As a result of investigations carried out with the Defense Supply Agency, USA, Federal Stock Numbers (FSN) have been obtained for the undermentioned items which had been allocated a temporary Defense Stock Number for accounting and identification purposes. The Stock Numbers are changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5325	66-026-9987	Grommet, rubber ..	5325	00-276-6100
5325	66-026-9988	Grommet, rubber ..	5325	00-962-1633
5325	66-026-9989	Grommet, rubber ..	5325	00-286-6047

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 20 January 1969.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 506/51/406)

## UNCLASSIFIED

**828—Stores General—Group Class 5330—Packing and Gasket Material—  
Change of Stock Numbers**

1. As a result of maintenance data received from the Defense Supply Agency, USA, in respect of RAN Inventory Items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5330	00-212-6330	Gasket .. ..	2815	00-212-6330
5330	00-291-8936	Washer, non-metallic ..	5330	00-551-9286
5330	00-732-8909	Seal .. ..	5330	00-918-6341

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 20 January 1969.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 512/56/378)

## UNCLASSIFIED

**829—Stores General—Group Class 5340—Miscellaneous Hardware—  
Change of Stock Numbers**

1. As a result of investigations carried out with the Defense Supply Agency, USA, Federal Stock Numbers (FSN) have been obtained for the undermentioned items which had been allocated a temporary Defense Stock Number for accounting and identification purposes. The Stock Numbers are changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5340	66-026-9968	Clamp, loop .. ..	5340	00-045-7331
5340	66-027-0017	Post, electrical-mechanical ..	5821	00-017-4958
5340	66-027-0023	Post, electrical-mechanical ..	5821	00-806-8534
5340	66-027-0025	Post, electrical-mechanical ..	5310	00-813-0565

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 20 January 1969.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 505/51/135)

## UNCLASSIFIED

**830—Stores General—Group Class 5821—Radio and Television  
Communication, Airborne—Change of Stock Numbers**

1. As a result of investigations carried out with the Defense Supply Agency, USA, Federal Stock Numbers (FSN) have been obtained for the undermentioned items which had been allocated a Defense Stock Number for accounting and identification purposes. The Stock Numbers are changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5821	66-026-9937	Bearing .. ..	3120	00-086-9054
5821	66-026-9938	Bearing .. ..	3120	00-489-4053
5821	66-026-9939	Bearing .. ..	3120	00-661-5056
5821	66-026-9957	Terminal board .. ..	5821	00-828-8334
5821	66-026-9984	Heat exchanger .. ..	5960	00-969-8937
5821	66-026-9999	Pad assembly .. ..	5821	00-818-0336

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 20 January 1969.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 518/59/907)

## UNCLASSIFIED

**831—Stores General—Group Class 5910—Capacitors—Change of Stock  
Numbers**

1. As a result of maintenance data received from the Defense Supply Agency, USA, in respect of RAN Inventory Items of US origin, the Stock Numbers of the undermentioned items have been changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5910	00-448-5937	Capacitor, fixed .. ..	5910	00-827-1218
5910	00-583-0194	Capacitor .. ..	5910	00-927-0782
5910	00-648-9596	Capacitor .. ..	5910	00-543-9552
5910	00-924-0916	Capacitor, fixed .. ..	5910	00-828-1458

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 20 January 1969.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/65/274)

## UNCLASSIFIED

**832—Stores General—Group Class 5930—Switches—Change of Stock Numbers**

1. As a result of investigations carried out with the Defense Supply Agency, USA, and the Defense Cataloguing Authority (Aust) Federal and Defense Stock Numbers (FSN and DSN) respectively, have been obtained for the undermentioned items. The Stock Numbers are changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5930	00-L43265	Switch .. ..	5930	00-122-5317
5930	00-L43332	Switch, toggle .. ..	5930	66-014-8918
5930	00-L43644	Switch, toggle .. ..	5930	00-869-5253
5930	00-L46708	Switch, rotary .. ..	5930	00-706-8498
5930	00-L46710	Switch .. ..	5930	00-240-3690

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 20 January 1969.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 505/87/655)

## UNCLASSIFIED

**833—Stores General—Group Class 5935—Connectors, Electrical—Change of Stock Numbers**

1. As a result of investigations carried out with the Defense Supply Agency, USA, Federal Stock Numbers (FSN) have been obtained for the undermentioned items. The Stock Numbers are changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5935	66-026-9851	Socket, electron tube .. ..	5935	00-160-1365
5935	66-027-3519	Connector .. ..	5935	00-812-7665
5935	66-027-3520	Connector .. ..	5935	00-836-9884
5935	66-027-3521	Connector .. ..	5935	00-789-2322
5935	66-027-3522	Connector .. ..	5935	00-683-5284
5935	66-027-3523	Connector .. ..	5935	00-942-3818
5935	66-027-3525	Connector .. ..	5935	00-835-2916
5935	66-027-3526	Connector .. ..	5935	00-967-5479
5935	66-027-3528	Contact, electrical .. ..	5935	00-947-9307
5935	66-027-3529	Connector .. ..	5935	00-225-6524
5935	66-027-3541	Connector .. ..	5935	00-890-9658

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 20 January 1969.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/81/113)

## UNCLASSIFIED

**834—Stores General—Group Class 5945—Relays, Contactors, and Solenoids—Change of Stock Numbers**

1. As a result of investigations carried out with the Defense Supply Agency, USA, Federal Stock Numbers (FSN) have been obtained for the undermentioned items which had been allocated a Defense Stock Number (DSN) for accounting and identification purposes. The Stock Numbers are changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5945	66-027-0028	Relay, armature .. ..	5945	00-553-9502
5945	66-027-0030	Relay, armature .. ..	5945	00-503-5208
5945	66-027-0031	Relay, armature .. ..	5945	00-557-1469
5945	66-027-0032	Relay, armature .. ..	5945	00-850-8421
5945	66-027-0034	Relay, armature .. ..	5945	00-615-7742

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 20 January 1969.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/72/181)

## UNCLASSIFIED

**835—Stores General—Group Class 5950—Coils and Transformers—Change of Stock Numbers**

1. As a result of investigations carried out with the Defense Supply Agency, USA, Federal Stock Numbers (FSN) have been obtained for the undermentioned items which had been allocated a Defense Stock Number (DSN) for accounting and identification purposes. The Stock Numbers are changed as follows:

Old Stock No		Item Name	New Stock No	
Group Class	Catalogue Number		Group Class	Catalogue Number
5950	66-026-9963	Choke .. ..	5950	00-855-1686
5950	66-026-9964	Choke .. ..	5950	00-060-8092
5950	66-026-9965	Choke .. ..	5950	00-853-8105
5950	66-026-9969	Coil .. ..	5950	00-237-1531
5950	66-026-9971	Coil .. ..	5950	00-080-2724
5950	66-026-9972	Coil .. ..	5950	00-080-4676
5950	66-026-9973	Coil .. ..	5950	00-080-4458
5950	66-026-9974	Coil .. ..	5950	00-060-9746

2. Action is to be taken to adjust accounts in accordance with ABR 4 (Naval Storekeeping Manual) Article 1812, with effect from 20 January 1969.

3. ABR 5074 RAN Catalogue of Stores will be amended in due course.

(DSAP 519/62/151)





RESTRICTED

ANO's 836-856/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
16 December 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

A handwritten signature in cursive script, appearing to read "H. Handau".

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

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RESTRICTED

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## Section 1

## ADMINISTRATIVE AND GENERAL

## RESTRICTED

## 836—Australian Services Representation Overseas

Navy Order 48 of 1967 is to be amended as follows:

## Appendix A—Australian Services Attaches and Advisers Overseas:

## a. Singapore:

*delete* existing entry and *insert* the following in lieu:

'Captain J. L. W. Merson, RAN,  
Australian Defence Liaison Officer,  
Australian High Commission,  
Thornycroft House,  
201 Clemenceau Avenue,  
SINGAPORE.'

## b. United Kingdom:

*delete* 'Commodore D. H. D. Smyth, RAN' and *insert* 'Commodore R. A. H. Millar, RAN'.

## c. United States of America:

*delete* 'Captain J. P. Stevenson, RAN' and *insert* 'Commodore B. H. Loxton, RAN'.

(DNI 22/201/67)

(Navy Order 48 of 1967)

## UNCLASSIFIED

## 837—Commissioning

The following commissionings have been effected:

HMAS LADAVA	.. .. .	21 October 1968
HMAS ARDENT	.. .. .	26 October 1968
HMAS BARRICADE	.. .. .	26 October 1968

(AS/NS 1211/251/200)

## UNCLASSIFIED

## 838—Safety—Forms AS625 (PA123)—Accident Investigation Reports

1. The current rate of accidents involving injury to personnel can be reduced by a careful study of accident reports and the prompt introduction of steps necessary to remedy existing procedural faults or equipment failures.

2. Form AS625 (PA123)—Accident Investigation Report—was designed to this end. However, it is apparent that the form is not being forwarded to the Co-ordinator of Naval Safety after a large proportion of incidents which warrant it.

3. Commanding Officers are to ensure that Form AS625 (PA123) is rendered as required by RI 1625.

(CONS 341/1/12)

## Section 2

## PERSONNEL

## UNCLASSIFIED

## 839—Movement of Passengers From Mascot Airport, Sydney

1. The delays and difficulties being encountered by both Naval and Department of Supply drivers meeting passengers at Sydney Airport are causing concern. To ensure that officers arriving at the airport have no trouble in contacting their drivers, the following procedure has been adopted in the East Australia Area:

- a. Five minutes before the scheduled arrival of the aircraft the driver will position himself in the vicinity of the Airlines Information Desk. He will remain there until he has identified his passenger or all passengers have left the aircraft. If the passenger has not been identified the driver will arrange for the passengers name to be broadcast on the public address system. Should this prove unsuccessful the driver will then seek further instructions from his transport or duty officer as applicable.
- b. Contact with drivers will be facilitated if officers proceed to the vicinity of the Information Desk on arrival.

2. This procedure has already been adopted by the Department of Supply.

(CEO (GS) 187/1/291)

## UNCLASSIFIED

## 840—RAN Relief Trust Fund Financial Statement, 1967-1968

1. The Statement of Accounts of the RAN Relief Trust Fund for the period 1 July 1967 to 30 June 1968 and the Balance Sheet as at 30 June 1968, are promulgated as Annex A to this order.

## Assistance Rendered

2. The reasons for which loans have been made during the last two years are as follows:

Nature	Loans Made		Percentage of Cases	
	1966-67	1967-68	1966-67	1967-68
Housing .. .. .	167	265	11.5	16.7
Furniture .. .. .	636	567	44	35.7
Medical, Dental, Funeral ..	94	133	6.5	8.4
Travelling and Removals ..	83	82	5.7	5.2
Domestic (Overdue Accounts)	373	453	25.8	28.5
Other Reasons .. .. .	92	87	6.5	5.5
	<u>1,445</u>	<u>1,587</u>	<u>100</u>	<u>100</u>

3. The amounts advanced under the respective categories were:

	1967-68
Housing Loans .. .. .	204,117
Furniture Loans .. .. .	264,661
Other Loans .. .. .	55,875
	<u>\$524,653</u>

## Grants

4. The grants shown in the Balance Sheet were made up as follows:

a. Widows or dependants of personnel who died whilst serving	2,509
b. To dependants of deceased personnel written off Relief Fund balances on death .. .. .	1,215
c. to ex-naval men or their dependants .. .. .	260
Total .. .. .	<u>\$3,984</u>

## General

5. From the 1 July 1967, housing and furniture first loan maxima were increased to \$1,000 and \$600 respectively and waiting time for these loans has been kept to under three months.

ANNEX A  
Royal Australian Navy Relief Trust Fund  
Statement of Income and Expenditure for the Year Ended 30 June 1968

1966-67	Expenditure	1967-68	1966-67	Income	1967-68
\$		\$	\$		\$
1,708	<i>Administrative Expenses—</i>			<i>Interest—</i>	
36	Salaries and Travelling 2,010.96		128	Investments .. 140.66	
	Miscellaneous .. 20.14		1,119	Bank .. .. 1,677.57	1,818.23
		2,031.10			
19	Depreciation of Office Equipment .. 17.00		30,465	<i>RAN Central Canteens Fund Contributions—</i>	
1,557	Grants .. .. 3,983.68			9 November 1967 .. 16,693.55	
1,055	Bad Debts .. .. 1,315.90			27 May 1968 .. 17,355.82	34,049.37
1,005	Donations Refunded .. ..				
34,446	Surplus of Income over Expenditure .. 136,912.34	8,114		<i>Donations—</i>	
				MV Jeparit (Difference	
				between Civilian/Naval	
				rates of pay) .. 108,162.27	
				Miscellaneous .. 230.15	108,392.42
39,826		144,260.02	39,826		144,260.02

Balance Sheet as at 30 June 1968

1966-67	Liabilities	1967-68	1966-67	Assets	1967-68
\$		\$	\$		\$
	<i>Accumulated Funds—</i>			<i>Cash—</i>	
	Balance as at 1 July 1967 423,776.49		34,931	Bank .. .. 45,178.90	
423,776	<i>Add—</i>		45,361	Agency Advances .. .. 50,573.12	95,752.02
	Surplus of Income over				
	Expenditure .. 136,912.34	560,688.83		<i>Loans Outstanding—</i>	
				Balance at 1 July \$	
				1967 .. 341,127.74	
				<i>Add—</i>	
				New loans	
				1967-68 524,653.13	865,780.87
				<i>Less—</i>	
				Repayments	
				1967-68 400,665.24	
				Loans Conver-	
			341,127	ted to Grants 1,215.00	
				Bad Debts 1,315.90	
					403,196.14
					462,584.73
			2,306	Investments (At Cost) .. ..	2,305.60
			51	Office Equipment (At Cost)	
				Less—Depreciation .. 35.59	34.00
				<i>Interest Accrued—</i>	
				Investments .. ..	12.48
423,776		560,688.83	423,776		560,688.83

The above Balance Sheet and Statement of Income and Expenditure have been examined and are in agreement with the books and accounts. In my opinion they show fairly the financial operations for the year ended 30 June 1968 and the state of affairs of the Royal Australian Navy Relief Trust Fund as at that date.

(Sgd) R. I. Peek, Rear Admiral  
 (Sgd) W. A. KEMP, Commander, RAN  
 (Sgd) A. B. CALDER, Supply Com-  
 mander, RAN  
 (Sgd) K. C. CAMERON, Supply Com-  
 mander, RAN R'td, Secretary

Trustees RAN  
 Relief Trust Fund

(Sgd) V. J. W. SKERMER,  
 Auditor-General for the Commonwealth  
 23 September 1968

(DFSD 212/54/16)

## UNCLASSIFIED

### 841—Short Term Duty Travelling Allowance

1. In cases where approval has been given for a member to travel overseas on short term duty by other than the direct approved method and/or route, Travelling and Shipboard Allowances will be calculated on the basis of travel by the direct approved method and route.

2. NPI 209 should be noted pending amendment.

(HPB 252/7/26)

## Section 4

### EQUIPMENT, STORES AND SERVICING

## UNCLASSIFIED

### 842—AC Motors—Electric Motor Starters—Use of Silicone Fluid Dashpots for Overload Relays

1. With the exception of a limited number of new design Type SCF starters manufactured by Messrs Allen West & Co Ltd, which have dashpots for overload relays filled with silicone fluid MS 200/50 CS, AP 10238, all other starters presently fitted in HMA ships have dashpots filled with silicone fluid MS 200/100 CS, AP 10230.

2. Experience in RN ships has shown that the nuisance tripping of certain starters associated with motors having a long run-up time, ie, due to a high inertia load such as large axial flow fans or lube oil centrifuges, has been eliminated by replacing the existing silicone fluid in the dashpots of the overload relays by silicone fluid of a higher viscosity, ie, higher centistokes number.

3. Overload relays fitted in motor starters in HMA ships were carefully set up and tested by the manufacturers prior to dispatch, and therefore starters which become prone to nuisance tripping during starting should be examined and tested very carefully before a decision is made to replace the silicone fluid in the dashpots by silicone fluid of a higher viscosity.

4. Overload relays are required to have dashpots filled with silicone fluid of such a viscosity as to give the following delays to the operation of the relay:

Load	Time Delay (overload relay)
125 per cent FLC .. .. .	½ to 5 minutes
140 per cent FLC .. .. .	Not more than 5 minutes
800 per cent FLC .. .. .	6 to 12 seconds

5. Silicone fluids shall be selected from the following range of items included in the Rate Book of Naval Stores:

Pattern	Description	Accounting Classification
0475/10238	Silicone fluid, MS200/50 centistokes, in 2 oz bottles	.. Consumable
0475/10230	Silicone fluid, MS200/100 centistokes, in 2 oz bottles	.. Consumable
0475/10239	Silicone fluid, MS200/200 centistokes, in 2 oz bottles	.. Consumable
0475/4536	Silicone fluid, MS200/350 centistokes, in 2 oz bottles	.. Consumable
0475/10049	Silicone fluid, MS200/1000 centistokes, in 2 oz bottles	.. Consumable
0475/475042	Silicone fluid, MS200/2000 centistokes, in 2 oz bottles	.. Consumable

6. The required quantity of silicone fluids should be demanded from Superintending Naval Stores Officer.

7. In starters where tallies are fitted stating the type of silicone fluid used in the dashpots, the tallies should be modified or replaced if the type of silicone fluid used is changed. Relevant 'as fitted' drawings are also to be modified accordingly.

8. Navy Order 75 of 1966 is hereby cancelled.

(ACDC 400/2/330)

(Navy Order 75 of 1966)

#### UNCLASSIFIED

### 843—Aircraft—Cartridges Power—Emergency Helicopter Flotation Equipment—Introduction

(DCI's (RN) 1752/1965, 1443/1966 and 130/1967)

1. *Item* .. .. . The following stores have been introduced into Naval Service:
  - 369005" Cartridge, emergency Helicopter Flotation Equipment No 1 Mk 1.
  - 369018" Igniter, Cartridge Helicopter Flotation Equipment No 1 Mk 1.
  - 369006 Washer, Emergency Helicopter Flotation equipment.
2. *Purpose of Store* .. These stores are used with Flotation Equipment at present being installed in Wessex helicopters. The Flotation Equipment consists of flotation bags fitted to the helicopters wheels. If the helicopter 'ditches', the bags are inflated by the freeing of gases from a metal sphere filled with CO2 and alcohol and a propellant charge. The system is initiated by a salt water actuator switch via the igniter. The whole system is of American design and supplies are obtained direct from USA.
3. *Explosive classification* .. This store has been temporarily classified Group 6 Category X.
4. *Life* .. .. .
  - a. *Installed Life* .. 6 Months (Provisional)
  - b. *Shelf Life* .. 3 Years (Provisional)

Equipment which has already been installed for three months can be repaired and re-installed for a further period of six months. This will result in repaired equipment being installed for a total period of nine months.

Emergency helicopter flotation equipment, being returned to RANADs after installation, should be clearly labelled, individually, to show the period of time for which they have been installed. All supporting vouchers should be similarly endorsed.

5. *Allowances* .. .. Cartridges, igniters and washers will be supplied to HMA ships on the basis of two per Wessex helicopter embarked plus four for each helicopter embarked to enable replacement to be effected at six monthly intervals.

6. *Accounting* .. .. The two apostrophes added to the store reference number indicate that two extra digits are added to denote the year of filling. The service user need account for and demand these stores under the first six digits only.

(DAS 727/58/145)

#### UNCLASSIFIED

### 844—Alteration and Addition Item—HMAS MELBOURNE

The following Alteration and Addition Item is approved to be carried out in HMAS MELBOURNE:

*Class List Item No 191 (Ex TDL 'DY')*

- a. *Item:* 'To fit automatic stops to the forward and after aircraft lifts to arrest the lift at a distance of eight feet from the flight deck level.'
- b. The total additional weight is estimated to be 2250 lbs for which full deadweight compensation is required. Details are to be reported on completion of the item.
- c. *References:* (1) HMAS MELBOURNEs Form AS 1182 (TM 168) TDL 'DY', dated 20 August, 1965, forwarded under cover of FOCAF Memorandum AF 1904/167 dated 7 December, 1965.  
(2) GMGID Memorandum DN 20/14/573 dated 26 June, 1967.  
(3) GMGID Message DTG 160050Z August, 1967.  
(4) ACNB Message DTG 230638Z August, 1967.

(CNTS 1213/252/253)

#### RESTRICTED

### 845—Alteration and Addition Item—HMA Ships STUART and DERWENT

The following Alteration and Addition Item is approved to be carried out in HMA Ships STUART and DERWENT.

*Class List Item No 357 (Ex TDL 'NFEI')*

- a. *Item:* 'To increase the level of red illumination in the Ikara Assembly Room by fitting a total of eight in number (four additional) red lighting fittings as shown on Navy Office Sketch No 1001/1781. The existing fixed key switches controlling the white lighting to be replaced by loose key switches.'
- b. Weight surrender of 50 lbs at 2 Deck Level or above, is required as compensation for the item which is not to be undertaken until the weight moratorium is lifted.
- c. *References:* (1) Navy Office Memorandum 740/252/318 (CO4380) dated 19 September 1966.  
(2) HMAS DERWENTs Memorandum 448/05 dated 19 October 1966.

(CNTS 1224/251/710)

## UNCLASSIFIED

**846—Alteration and Addition Item—HMA Ships VAMPIRE and VENDETTA**

1. The following Alteration and Addition Item is approved to be carried out in HMA Ships VAMPIRE and VENDETTA:

*Class List Item No 150 (Ex TDL 'V')*

- a. *Item:* 'To modify the existing stowage in wardroom for classified material by removing 6 in No 22 in x 17 in Combination Safes, Pattern No 5297, and 1 in No 22 in x 17 in Key Safe, Pattern No 1477 plus 2 in No sectional steel Book Cases approximately 17 in x 42 in and replacing the above with built in shelf stowages to be sited behind 3 in No suitably replaced doors hung from Frame 42. The two outer doors to have internal locking devices of approved design so that only the centre door requires a combination lock.'
- b. Details of actual weight off are to be reported on completion of the item.
- c. *References:* (1) HMAS VAMPIRES Form AS 1182 (TM 168) TDL 'V' dated 6 June 1966, forwarded under cover of FOCAF Memorandum AF 1212/59/5 dated 8 July 1966.  
 (2) Navy Office Memorandum 1215/56/367 dated 2 December 1966.  
 (3) GMGID Memorandum N20/23/264 dated 19 April 1967.  
 (4) HMAS VAMPIRE Message DTG 140605Z December 1967.  
 (5) FOCAF Message DTG 190358Z December 1967.  
 (6) ACNB Message DTG 210621Z December 1967.

(CNTS 1215/256/65)

## RESTRICTED

**847—Alteration and Addition Item—RAN DDGs**

The following Alteration and Addition Item is approved to be carried out in RAN DDGs.

*Class List Item No 32 (Ex TDL 'N')*

- a. *Item:* 'To fit "gun ready" lamps in Dual Purpose Battery Plot (compartment 2-99-2-C).  
 Two 24 volt DC indicating lamps to be mounted adjacent to the existing Event Recorder Control Box and connected across its terminals marked Mount 51 Fired 1-2 and Mount 52 Fired 1-2, Garden Island Electrical Drawing Office Drawing 563/530 dated 30 November 1966 refers.  
 A double pole, lamp isolating switch to be connected in series with each lamp and mounted on the side of the Error Recorder Control Box to allow isolation of the lamps when recordings are being made. The lamps and isolating switch to be provided with suitable tallies indicating their functions.'

- b. *References:* (1) HMAS PERTHs Form AS 1182 (TM 168) TDL 'N', dated 26 February 1968, forwarded under cover of FOCAF Memorandum 1212/44/13, dated 19 March 1968.  
 (2) Navy Office Memorandum 1215/260/55 (CO 1281) dated 30 April 1968.  
 (3) GMGID Memorandum DN 20-17-366 dated 16 May 1968.

(CNTS 1215/260/55)

## UNCLASSIFIED

**848—Boilers—Internal Cleansing—Processes**

Navy Order 58 of 1968 is to be amended as follows:

**Paragraph 6c**

*Delete* words after 'steam drum' and *add* 'and the desuperheaters in DDG water drums are to be removed'.

**Paragraph 7a, Sub-paragraph (4)**

*Delete* 'and the removal of access panels if required' and *substitute* 'the removal of access panels if required, and the blanking-off of economisers and superheaters'.

(DMED 1211/251/123)

(Navy Order 58 of 1968)

## UNCLASSIFIED

**849—Diving—High Pressure Cylinders—Aluminium Alloy Extension of Proof Test and Revised Painting Instructions**

Navy Order 273 of 1967 is to be amended as follows:

**Paragraph 2a:**

*Insert* new Sub-paragraph b., 'In addition GERZATZ cylinders are to be returned to SVSO every two years for a visual inspection.'

(DTWP 400/1/237)

(Navy Order 273 of 1967)

## UNCLASSIFIED

**850—Naval Stores—Introduction—0434/923-5519 Valve for 0434/4012 Reducer Used in One Man Recompression Chambers 0431/L90015**

1. The following item has been introduced:

<i>NATO Supply Classification</i>	<i>Group Class</i>	<i>Catalogue No</i>	<i>Description</i>	<i>D of Q</i>	<i>Accounting Classification</i>
4820	0434	923-5519	Valve Spring Retainer Stainless Steel	No	C

2. The valve spring retainer 0434/923-5519 is required to replace the plastic screw, adjusting relief valve, 0434/434021 incorporated in the reducer 0434/4012 fitted in the one-man recompression chamber as the screw adjusting 0434/434021 can blow out during the

charging of cylinders and/or testing of breathing apparatus. As this defect is considered potentially dangerous to personnel concerned all reducers 0434/4012 in service, held as spares or in store are to be modified by fitting 0434/923-5519 in place of 0434/434021. In view of the possible corrosion of threads, the metal valve spring retainer should be removed and examined weekly, and greased with XG315.

3. Holders of one-man recompression chambers and reducers 0434/4012 should demand 1 No valve spring retainer 0434/923-5519 from SVSO Sydney, for each of these items, for fitment in lieu of the screw adjusting 0434/434021. As importation of the 0434/923-5519 valve will be necessary demands should not be hastened. Appropriate arrangements should also be made for modification of recompression chambers and reducers held in stock.

4. Reducers 0434/4012 demanded from store for replacement purposes should be inspected, on receipt, to ensure that the new valve 0434/923-5519 has been fitted.

(DSAP 512/74/348)

## UNCLASSIFIED

### 851—Naval Stores—V/S Equipment—Revised Allowances

1. Because of the availability of more suitable equipment to communicate between small craft it has been decided to withdraw 0558/1038 and 0558/197881 Signalling Lanterns, Battery Operated from service.

2. Consequently the allowances of the above as detailed in Navy Order of 355 of 1966 are hereby withdrawn.

3. Ships holding these items should return them to Superintending Victualling Store Officer, Sydney as early as practicable.

(DSAP 501/80/90)

(Navy Order 355 of 1966)

## RESTRICTED

### 852—NBCD—HMA Ships—Collective Protection and Closing-Down Arrangements

#### Pressurised Citadels

1. A higher degree of protection is given to men and equipment against radioactive fall-out, bacteriological and chemical clouds by maintaining a positive pressure within the citadel boundaries than by closing-down arrangements alone. The advantages are that any leakage is outwards and the degree of tightness is readily measured.

2. The principle of pressurised citadels has therefore been adopted and is being implemented in new construction and in existing ships of frigate size and above. For existing ships the work is carried out during modernisation or conversion, where their future life justifies the expenditure; in ships where this work cannot be undertaken efforts must be made to improve the closing-down arrangements during normal refits.

3. Essential features of the pressurised citadel system are:

- a. a high degree of airtightness of the citadel boundary;
- b. supply of filtered air under pressure to the citadel;
- c. facilities for measuring the pressure difference across the citadel boundary.

#### Airtightness of Citadels

4. The high standard of airtightness is achieved by:

- a. grouping of ventilation systems as far as practicable to reduce the number of ventilation openings;
- b. extending the use of air conditioning, thereby reducing the fresh air intake and consequently the size of ventilation openings;
- c. improving tightness of ventilation closures;
- d. providing air locks for entry and exit;
- e. providing 6 inch water seals to drains from urinals, wash places, galleys and where practicable WC soil pipes; and
- f. providing screw-down valves to venting pipes from soil pipes.

#### Filtered Air Supplies

5. The target for citadel pressure has been set at 2 inch water gauge, to overcome external pressure due to wind velocity and internal pressure differentials. Air filtration units, Mark 2, have been developed to give full protection against radioactive fall-out, bacteriological and chemical clouds.

6. Incorporated with the unit is a fan capable of supplying 250 cubic feet of filtered air per minute with a 2 inch WG citadel pressure. In some units a lower pressure fan is fitted, arrangements are in hand for the replacement of these when stocks of the higher pressure fans are available.

7. The fans are designed to deliver freely into the citadel atmosphere and are not connected to the ships ventilation system. Circulation of filtered fresh air is achieved by running the ship's ventilation system on re-circulation and generally at reduced speed.

8. Numbers of Air Filtration Units, Mark 2, will be determined for each ship by the Naval Board (CNTS).

#### Air Testing of Citadel Boundaries

##### General

9. Air testing is necessary to check the efficiency of the citadel and the tests carried out are:

- a. *Pressure tests*—for ships fitted with pressurised citadels, to determine the degree of airtightness of the citadel;
- b. *Vacuum tests*—for all ships, to detect leaks for subsequent repair.

Vacuum and pressure are measured by a 6 inch U-tube water gauge, one end being connected to sheltered atmosphere and the other end being open to the citadel. In ships fitted with pressurised citadels, 6 inch U-tube water gauges are permanently rigged, in small ships at each fire and repair post and in large ships in each section base. Dockyard assistance is to be requested to measure fan outputs during the conduct of a vacuum test of the citadel(s). A wider distribution of velometers for measuring fan outputs is being arranged and details will be promulgated when these are available.

##### Method of Testing

10. a. Ships fitted with AFUs Mark 2 (Pressurised Citadels).

##### (1) *Pressure Test*

The airtightness of the citadel in ships fitted with AFUs Mark 2 must be checked by means of a pressure test. This test involves closing down the



citadel(s), running the AFU fans and measuring the internal pressure by means of the U-tube water gauge. Only a small pressure will be achieved with units fitted with lower pressure fan.

If 2 inch WG is achieved, further action at (2) and (3) below, is not required.

If 2 inch WG is not achieved then the following procedure should be carried out:

(2) *Vacuum Test*

- (a) Select a suitable exhaust fan and make arrangements for measurement of its air output. A 10 inch or 12½ inch fan, such as a galley exhaust fan, is adequate for one citadel in small ships and for sections of citadels of up to 100,000 cubic feet in larger ships.
- (b) Close down all known openings in the citadel boundary (doors, hatches and ventilation closures except that required for a. above).
- (c) Shut off the ventilation in the citadel, close SDVs on soil pipes from WCs.
- (d) Run the exhaust fan.

Leaks will become evident by hissing noises and must be stopped by hardening up on clips or temporary stopping with putty or wood plugs. When gross leaks have been stopped, minor leaks will become apparent and as these are progressively stopped the corresponding degree of tightness are indicated by increased vacuum measured on the water gauge. The acceptable total leakage area is 5 sq inches per filter unit. The total leakage can be calculated from test results by:

$$A = \frac{0.036Q}{\sqrt{P}}$$

Where A = total leakage area (sq in).

Q = fan output (cu ft per min) to be measured at time of trial when P has reached a steady maximum.

P = Vacuum (-in water gauge).

- (3) *Repeat pressure test*—To determine the improvement that has been made.
- (4) *Closing-down trials* in accordance with BR 2170 (Ship NBCD Manual), Vol. 1, Chapter 32, are not required.

b. *Ships not fitted with AFUs.*

- (1) Vacuum test as 10 a. (2) above.
- (2) Closing-down trial in accordance with BR 2170 (Ship NBCD Manual), Vol. 1, Chapter 32.

*Note:* The trial should not be attempted until a vacuum test of the citadel(s) has been carried out and all traceable leaks have been rectified by ships staff. MOD (Navy) experience with Closing Down Trial Reports indicates that many ships are still not aware of the purpose of these trials, having supplied little information on the subsidiary trials which should have been held such as working the armament, exercising communications, etc.

The value of these trials when correctly conducted cannot be over emphasised.

For ships not fitted with a pressurised citadel it is just as important that a high degree of airtightness be attained and that total boundary leakage be as low as practicable. Typical targets are 10 sq inch for a DE and 50 sq inch for a carrier.

**When to Be Carried Out**

11. Vacuum and pressure tests of the citadel are to be carried out as follows:

a. *Ships Building*

Vacuum tests will be required for all ships to the satisfaction of the Naval Board. For those ships fitted with AFUs (Pressurised Citadels) a pressure test as in Paragraph 10 a. (1) with the citadel closed down and AFUs running is to be carried out on completion of the vacuum tests above. Shipbuilders are to include these items in the programme of trials. The importance of this test warrants special action and should be undertaken outside normal working hours with the minimum ships company on board. The date selected is to be reported to the Naval Board to enable a representative of the Naval Technical Services Branch (PNA Section) to attend if so desired.

b. *Modernisation, Conversion or Long Refit*

As a. above.

c. *Normal Refit*

As a. above, except that these tests are to be carried out by ships staff with dockyard assistance to obtain fan output(s), unless considerable work has been done on the citadel boundaries during the refit, in which case the refitting authority assisted by ships staff will do the test.

*Note:* On each of the above occasions, the tests are to be carried out in time for any defects discovered to be made good before the ship leaves the ship-builder/refitting authorities hands.

d. *Citadels* are to be tested as laid down in Paragraph 10 a. or b., whichever is appropriate, at 12 monthly intervals as specified in the Hull Maintenance Schedules.

e. *Prior to Normal or Long Refits*

By ships staff in sufficient time for defects to be included in the defect list for the next refit. The vacuum test should always be carried out for this reason, even if it is impracticable to obtain assistance to measure fan outputs.

f. *Reports to be Rendered*

Form AS3146 (OD103) for reporting results of vacuum and pressure tests and Form AS230 (OD102) for closing down trial report are to be completed and rendered to the Secretary, Department of the Navy, with copies to the authorities listed in g. below.

g. *Test Results—Distribution*

Test and trial reports are to be completed in quintuplicate, one copy to be for each of the following:

Navy Office, Canberra;  
Captains Copy for Ships Book;  
Refitting Dockyard;  
Administrative Authority;  
Captain, NBCD School, HMAS PENGUIN.

**Spaces Subject to Excessive Leakage**

12. *Examples of these are*

- a. gun bays, via roller paths;
- b. magazines, via supply routes (hoists, lifts, etc);
- c. aircraft hangars, via lift openings;
- d. mortar handing rooms, via loading ports;
- e. missile test rooms, via loading doors.

It is not practicable to install Air Filtration Units, Mark 2, in sufficient numbers to maintain an effective pressure in these spaces and it has been decided that, for the present, these spaces shall be excluded from the citadel and treated separately.

#### Machinery Spaces

13. In certain new construction ships, contamination of machinery spaces may be prevented by:

- a. confining the combustion air supply to boilers and diesel generators within trunking from the weather deck;
- b. trunking the air supply to air compressor compartments and providing arrangements for drawing air from within the citadel when closed down. To avoid depressurising the citadel, additional AFUs will be fitted;
- c. closing-down the machinery spaces and controlling the machinery from air-conditioned control rooms by full or partial remote control. Where only partial remote control is fitted, a system for supplying air to ventilated suits will also be installed to enable watchkeepers to enter the machinery spaces for closer supervision of running machinery.

14. However, the high air temperatures and presence of oil vapours in machinery spaces still make it unacceptable to include these spaces in the citadel. They must therefore be treated separately and closed down for so long as air temperatures remain within the limits at which the machinery and equipment will not suffer undue risk of damage or subsequently require increased maintenance. Accordingly, in peace-time the general deckhead temperature should be limited to 180° F to avoid long-term deterioration of electrical equipment; in local hot spots temperatures are liable to be 40° F or more above this. In high-powered ships with highly superheated steam this temperature will be reached in about one hour in temperate waters and half an hour or less in tropical waters. In older ships with relatively larger machinery spaces and lower steam temperatures and in diesel engined ships, these periods would probably be exceeded.

15. In some existing ships, during modernisation or conversion, the following measures will be applied in part, but it is not generally practical to implement all of them. However, ships officers can do much to lessen the consequences of closing down by:

- a. renewing lagging to the latest specification in 'General Requirements of Machinery (Engineering)'. Even without applying improved lagging materials, a great deal can be achieved by ensuring that portable insulation over flanges, valves, access covers, etc, is in position and well fitted, particularly on high temperature surfaces. Because the radiated heat from such surfaces varies as the fourth power of the absolute temperature, bare surfaces at super-heated steam temperatures may emit wild heat out of all proportion to their apparent importance judged by size alone. A great deal of wild heat is also emitted through 'holidays' in badly fitted lagging or where permanent and portable lagging meet;
- b. minimising steam and water leaks. Wet bulb temperature is the major factor in determining the limit of habitability in hot environments;
- c. limiting the number of auxiliaries running and running motor-driven in preference to steam auxiliaries to reduce wild heat. But this must be weighted against the necessity for providing effectively for breakdowns or stoppages;
- d. keeping superheat temperatures down to the lower authorised limit. While appreciably reducing the wild heat, this will have comparatively little adverse effect on ships speed or fuel consumption;

- e. keeping the machinery spaces as cool as possible by running full ventilation up to the moment of closing-down. Initial temperatures on closing-down govern the length of time before excessive temperatures are reached.

16. Although each of the above items is small, attention to these details will, in aggregate, achieve a worthwhile improvement.

17. Navy Order 717 of 1965 is hereby cancelled.

(ACDC 1215/201/84)

(Navy Order 717 of 1965)

#### UNCLASSIFIED

#### 853—Refrigerated Appliances for use in HMA Ships—Scale of Allowances

Navy Order 212 of 1968 is to be amended as follows:

##### Paragraph 38

*Delete* present paragraph and *insert* the following in lieu:

'38. The maintenance of Refrigerated Appliances in all new construction and most other ships, is covered by Planned Maintenance Schedules. The routines in these Schedules call for complete overhaul of water coolers biennially. Sealed Unit DARs and Deep Freezers to be repaired by replacement four yearly.'

(ACDC 400/2/939)

(Navy Order 212 of 1968)

#### UNCLASSIFIED

#### 854—Victualling Stores—Clothing—Shoe, Gymnasium, Non-slip—Introduction of New Pattern

1. Gymnasium shoes with slip resistant herringbone pattern rubber soles have been introduced for gratuitous issues to RAN Cadet midshipmen, apprentices and junior recruits, and for loan issues to boats crews and Physical Trainer Staff.

2. The new type gymnasium shoe will be stocked in sizes 3 to 13 for both loan and repayment issue, and will be identified by the following catalogue nos and nomenclatures:

Catalogue Nos: 41875-41885 shoe, gymnasium, non-slip, loan, and

Catalogue Nos: 23012-23022 shoe, gymnasium, non-slip.

3. Requirements are available on demand from the Superintending Victualling Store Officer, Royal Edward Victualling Yard, Sydney. The fixed issuing price for Catalogue Nos 23012 to 23022 is \$3.07 per pair. The price to be charged for losses of Catalogue Nos 41875 to 41885 is \$3.22 per pair.

4. ABR 93, Manual of Victualling, Part I, Appendix 35 (38) (a, e and g) and Part II, Section 2, Scales 2 (a) 4 and 5 will be amended.

(D of V 917/65/180)

## RESTRICTED

855

20

UNCLASSIFIED

### 855—Weapon Equipment—New Cataloguing System

1. Navy Order 530 of 1965 gave advance information of the new system of cataloguing of Weapon Equipment and its associated spare gear.

2. Some of the Weapon Equipment Spare Part Identification Lists (WESPILS), which are lists relating to specific equipments or assemblies, have been received and distributed in the RAN but the full range has not yet been received.

3. Because of the work involved in changes to Ledgers and re-marking of items, the new system of identification will be introduced progressively in the RAN and ships and establishments are to continue to account for and demand stores under the old BR 226 and BR 227 series until advised to change by navy order.

4. Changes to Equipment Lists will be issued in the form of amendment sheets for specific equipments as the change to WESPIL references is undertaken.

(DAS 700/57/334)

(Navy Order 530 of 1965)

### Section 5

### BOOKS, CORRESPONDENCE, FORMS AND STATIONERY

UNCLASSIFIED

### 856—Establishments—Address of Joint Services Medical Centre Canberra

1. There appears to be some confusion as to the address of the Joint Services Medical Centre, Canberra which is at present situated in the Administrative Building, pending its transfer to new accommodation in the Russell Office complex some time in the future.

2. The correct address which is applicable both now and when the transfer takes place later is as follows:

Joint Services Medical Centre,  
c/o Department of Defence,  
Russell officers,  
Canberra, ACT 2600

3. The signal address of the centre is DEFENCE CANBERRA. 'FOR JSMC' should be inserted at the beginning of the text.

(MDG 68/5/137)

Printed for the Government of the Commonwealth by W. G. MURRAY, at the  
Government Printing Office, Canberra

RESTRICTED



# AUSTRALIAN NAVY ORDER

Navy Office, Canberra,  
16 December 1968.

The enclosed order is promulgated for information, guidance and necessary action.

By direction of the Naval Board,

A handwritten signature in dark ink, appearing to read 'G. Handau'.

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers in  
Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY

**Section 2**  
**PERSONNEL**

## UNCLASSIFIED

**857—Fees and Allowances for Part-time Medical Services and Ancillary Medical Services**

1. This order specifies the maximum fees and allowances payable in respect of professional services and part-time duty performed for the RAN under the following headings:

*Annex A* Medical Specialists, General Medical Practitioners including District and Port Division, Naval Medical Officers—Medical Attendance.

*Annex B* Ancillary Medical Services—Physiotherapists, Occupational Therapists, Chiropodists, Orthoptists and Speech Therapists.

*Annex C* X-ray and Radiology examinations.

*Annex D* Psychological Consultations.

*Annex E* Mileage and Travelling Allowance.

*Annex F* Miscellaneous—Fees for:

1. Supply of Clinical Notes.
2. Stand-by Fee.
3. Cancellation of Appointments.

2. Where rates in this order are assessed on a sessional basis and provision is made for payment to be made for a specified period of time, that period:

- a. in the case of the first hour, is to include any part of that hour;
- b. in other cases, is to be calculated to the nearer completed half-hour eg, broken periods of 15–29 minutes are to be regarded as complete half-hours and broken period of 1–14 minutes are to be disregarded.

3. Where treatment is necessary by a Civil Medical Practitioner in accordance with ABR 5020 Article 244/1 (10) (11), payment of the fee claimed may be authorised upon certification of the Senior Medical Officer that it is fair and reasonable and does not exceed that suggested by the Australian Medical Association for the particular service rendered.

4. The instructions in this order are to be read in conjunction with those contained in the following Regulations and Instructions:

- a. *ABR 5020*: Chapter XIII—Provision of Medical and Dental Treatment for Members of the Naval Forces
- b. *ABR 5018*: The Method of Processing and Payment of Claims for Medical, Hospital and Dental Treatment.
- c. *ABR 5016* Article 4493: Action to Be Taken In Respect of Personnel Reporting Sick On Shore.
- d. *ABR 1991* Article 0211: Medical Documentation.

5. Details regarding the classification of specialists have been advised to the Administrative Authorities concerned. A complete list of specialists appointed by the RAN is being promulgated in ABR 1991.

6. Navy Orders 777 of 1965, 276 of 1966, 191, 258 and 360 of 1967 are hereby cancelled.

## ANNEX A

## Medical Attendance—Scale of Fees

Item	Nature of Service	Fee
1	<p><i>Medical Boards—(At Service Establishments or Commonwealth Institutions)</i> Sessional rates for attendance as a member of a Medical Board—for each attendance irrespective of the number of persons examined</p> <p>a. General Practitioners (including District and Port Division Medical Officers) .. ..</p> <p>b. Junior Specialists .. ..</p> <p>c. Senior Specialists .. ..</p> <p>d. Leaders of Profession .. ..</p>	<p>\$7.50 for attendance up to 1 hour with an additional \$2.50 for each subsequent half-hour.</p> <p>\$9.00 for attendance up to 1 hour with an additional \$3.50 for each subsequent half-hour.</p> <p>\$12.00 for attendance up to 1 hour with an additional \$5.00 for each subsequent half-hour.</p> <p>\$15.00 for attendance up to 1 hour with an additional \$5.50 for each subsequent half-hour.</p>
	<p><i>Note:</i> Where arrangements are made in advance for the Board to be engaged for a whole day, the civilian members are eligible for a fee on the basis of one session. Where, on the other hand, the Department has a requirement to convene a Board in the forenoon, and to re-engage a civilian member of that Board with or without the same composition of membership for a separate period in the afternoon, the member is eligible for a fee based on two separate sessions.</p> <p>In arranging for medical boards, particularly any which include a civilian medical practitioner the most economical arrangements are to be made.</p>	
2	<p><i>Specialists attending Service Establishments</i> Attendance as junior or senior specialist or leader in the profession at service headquarters of a command or area, or at a service medical establishment—for each attendance.</p>	As for Item 1 b., c. or d. respectively
3	<p>Visit by a Specialist to a members home or to a non-commonwealth institution</p> <p>a. Leader of Profession .. ..</p> <p>b. Junior or Senior Specialist .. ..</p>	<p>\$</p> <p>1st visit .. .. 14.70</p> <p>2nd visit .. .. 6.30</p> <p>1st visit .. .. 12.60</p> <p>2nd or subsequent visit .. 6.30</p>

## ANNEX A—continued

Item	Nature of Service	Fee
4	<p><i>Attention at Specialists Rooms</i> Fees payable for service at his professional rooms at Departmental request including medical examination of members and preparation of a written report of the examination or the issue of a certificate</p> <p>a. Leader of Profession .. .. \$12.00 per visit</p> <p>b. Junior or Senior Specialist ..</p> <p>1st visit .. .. \$ 9.00 2nd or subsequent visit .. 5.00</p>	
5	<p><i>Specialist Dermatologist—Treatment at rooms: Special rates including attention by the Specialist and cost of X-ray treatment using superficial X-ray are:</i></p> <p><i>Junior or Senior Specialists:</i></p> <p>a. 1st visit involving attention and any irradiation or superficial X-ray treatment 9.00</p> <p>b. Subsequent visits involving attention and any irradiation or superficial X-ray treatment. 7.00</p> <p>c. Subsequent visit involving attention but not X-ray therapy. 5.00</p>	
6	<p><i>Radio-therapists</i> Fees for deep X-ray therapy will be promulgated separately</p>	
7	<p><i>Psychiatrists</i></p> <p>a. Examination in Practitioners rooms</p> <p>Leader in the Profession .. .. \$ 12.00</p> <p><i>Specialists:</i></p> <p>Junior and Senior:</p> <p>1st visit .. .. 9.00 2nd or subsequent visits .. 5.00</p> <p>b. Examination at Members Home:</p> <p>Leader in the Profession .. 14.70</p> <p><i>Specialists:</i></p> <p>Junior and Senior:</p> <p>1st visit .. .. 12.60 2nd or subsequent visits .. 6.30</p>	

## ANNEX A—continued

Item	Nature of Service	Fee
8	<p><i>Anaesthetists</i></p> <p>a. Attendance at a departmental establishment</p> <p>b. Attendance for operations performed on Service personnel in non-departmental institutions</p>	<p>Rates as for Item 1 a., b., c. or d. as appropriate.</p> <p>(1) An overall fee which takes into account the pre-anaesthetic examination and for the administration of the anaesthetic should be negotiated with the specialist concerned rather than separate fees for each of the services. Where a pre-anaesthetic examination is made but it is subsequently decided that an operation should not be performed, then the fee payable to the anaesthetist should be at the approved rate for a first visit by the specialist, ie, \$12.60.</p> <p>(2) In the negotiation of fees with a specialist he should be advised prior to undertaking the service that the fee is that approved by the Commonwealth for specialists generally. In the event that such fee is unacceptable to him and that no reasonable alternative is available, then an appropriate fee should be negotiated between a Service Medical Officer (not a non-professional) and the anaesthetist concerned, on the clear understanding that the negotiated fee will apply only to the particular service he is personally providing.</p> <p><i>Note:</i> Where the claim by an anaesthetist includes as a separate charge the cost of drugs used in an operation these may be reimbursed in addition to the approved fee. Appropriate arrangements should be made to ensure that the cost of the anaesthetic materials is in order.</p>
9	<p><i>Medical Examinations—General Practitioners (including District and Port Division Medical Officers):</i></p> <p>a. Attendance at a Service depot or establishment for conducting</p>	<p>\$</p> <p>One member .. .. 5.25 Two members .. .. 9.45</p>

## ANNEX A—continued

Item	Nature of Service	Fee
9 cont.	<p>complete medical examinations for appointment to or enlistment in the Forces; or,</p> <p>b. Complete medical examination of candidates for appointment to or enlistment in the Forces where the examination cannot be performed at a Service depot or establishment and is conducted in the practitioners surgery. For specialists see Items 1 b., c., d.</p> <p>c. Other medical examinations or medical duty at a Service establishment.</p> <p>d. Examination of a member at a general practitioners rooms requiring the submission of a written report of the examination</p>	<p>Where more than two members are examined the practitioner will be paid a sessional fee calculated as follows:</p> <p>\$10.50 for up to one hour with an additional \$4.20 for each subsequent half-hour.</p> <p style="text-align: right;">\$</p> <p>One member .. .. 4.25</p> <p>Two members .. .. 6.00</p> <p>Three members .. .. 7.50</p> <p>Where more than three members are examined at any one time the fee is to be calculated on a sessional basis—\$7.50 for attendance up to 1 hour with an additional \$2.50 for each additional half-hour.</p> <p>\$2.10</p>
10	Neurologists	<p>Where the services of a neurologist are considered essential eg, where the services of a specialist physician would not suffice the particular neurologist concerned should be advised prior to undertaking the service that the fee being offered is the rate approved by the Commonwealth for specialists generally. In the event that such fee is unacceptable to him and no reasonable alternative is available, then a fee should be negotiated between a Service Medical Officer (not a non-professional) and the neurologist concerned on the clear understanding that the negotiated fee applies only to the particular service he is personally providing.</p>
11	Electro-Encephalograms	<p>a. Fees up to \$12.60 may be paid. In cases where fees in excess of \$12.60 are claimed they are to</p>

## ANNEX A—continued

Item	Nature of Service	Fee
11 cont.	Electro-Encephalograms—continued	<p>be referred to the Commonwealth Director of Health in the State concerned for concurrence before payment is made.</p> <p>b. Where possible the services available at Prince Henry's Hospital in Melbourne and the Sydney Hospital, Sydney, should be used.</p> <p>c. Since the only facility presently available in Western Australia is at the Royal Perth Hospital, that hospitals fee for taking and reading may be met.</p>
12	<p>Electrocardiograms</p> <p>Usual fee charged by a specialist, Hospital or Practitioner up to a maximum of:</p> <p>Electrocardiogram and report (without medical examination) .. .. \$ 8.40</p> <p>Interpretation .. .. 4.20</p> <p>Electrocardiogram without interpretation, clinical examination or report 4.20</p>	

## ANNEX B

## Ancillary Medical Services—Scale of Fees

Item	Nature of Service	Fee															
1	<p>Physiotherapist</p> <p>In cases where treatment cannot be obtained from a Repatriation or other Government source and, it is necessary to engage a qualified civilian practitioner, the following fees are payable:</p>	<table style="width: 100%; border: none;"> <thead> <tr> <th></th> <th style="text-align: center;">For attendance up to 1 hour</th> <th style="text-align: center;">Subsequent half-hour</th> </tr> </thead> <tbody> <tr> <td>a. Sessions</td> <td></td> <td></td> </tr> <tr> <td>Where more than 3 members are examined at any one time the practitioner will be paid a fee calculated on a sessional basis of:</td> <td style="text-align: center;">\$</td> <td style="text-align: center;">\$</td> </tr> <tr> <td>Senior .. ..</td> <td style="text-align: center;">3.60</td> <td style="text-align: center;">1.20</td> </tr> <tr> <td>Junior .. ..</td> <td style="text-align: center;">2.70</td> <td style="text-align: center;">0.90</td> </tr> </tbody> </table>		For attendance up to 1 hour	Subsequent half-hour	a. Sessions			Where more than 3 members are examined at any one time the practitioner will be paid a fee calculated on a sessional basis of:	\$	\$	Senior .. ..	3.60	1.20	Junior .. ..	2.70	0.90
	For attendance up to 1 hour	Subsequent half-hour															
a. Sessions																	
Where more than 3 members are examined at any one time the practitioner will be paid a fee calculated on a sessional basis of:	\$	\$															
Senior .. ..	3.60	1.20															
Junior .. ..	2.70	0.90															

ANNEX B—continued

Item	Nature of Service	Fee																
		For attendance up to 1 hour	Subsequent half-hour															
1 cont.	<p><b>b. Treatments:</b>                      at practitioners rooms, Each visit . . . . . 2.50                      at members home (where medically necessary), Each visit . . . . . 2.85</p> <p><i>Notes:</i> Where practicable, treatments are to be arranged on a sessional rather than on individual basis; the civilian physiotherapist being informed that the fees payable are those in a. above. Where it is not possible to so arrange, or sessional fees on this basis are not acceptable to any such physiotherapist, then the fees should be negotiated on a treatment for service basis, as in b. above.</p> <p>In the event that each of the alternatives are unacceptable to a particular physiotherapist the matter is to be reported to Navy Office.</p> <p>Agreement on the rate to be paid is to be obtained before treatment is commenced. These fees may be applied in respect of treatment provided on and from 1 April 1968.</p> <p>Mileage allowance for travel by private transport is payable at 12 cents a mile each way.</p> <p>A senior physiotherapist is one with 5 or more years experience in the speciality.</p>																	
2	<p><b>Occupational Therapist</b></p> <p><i>a. Sessions</i></p> <table border="0"> <tr> <td></td> <td style="text-align: center;">\$</td> <td style="text-align: center;">\$</td> </tr> <tr> <td>Senior Practitioner . . . . .</td> <td style="text-align: right;">3.60</td> <td style="text-align: right;">1.20</td> </tr> <tr> <td>Junior Practitioner . . . . .</td> <td style="text-align: right;">2.70</td> <td style="text-align: right;">0.90</td> </tr> </table> <p><i>Note:</i> A senior occupational therapist is one with 5 or more years experience in the speciality.</p>		\$	\$	Senior Practitioner . . . . .	3.60	1.20	Junior Practitioner . . . . .	2.70	0.90								
	\$	\$																
Senior Practitioner . . . . .	3.60	1.20																
Junior Practitioner . . . . .	2.70	0.90																
3	<p><b>Chiropradists</b></p> <p><i>a. Sessions</i></p> <table border="0"> <tr> <td></td> <td style="text-align: center;">\$</td> <td style="text-align: center;">\$</td> </tr> <tr> <td>Senior Practitioner . . . . .</td> <td style="text-align: right;">3.60</td> <td style="text-align: right;">1.20</td> </tr> <tr> <td>Junior Practitioner . . . . .</td> <td style="text-align: right;">2.70</td> <td style="text-align: right;">0.90</td> </tr> </table> <p><i>b. Treatments</i></p> <table border="0"> <tr> <td>At practitioners rooms . . . . .</td> <td style="text-align: right;">1.75</td> <td></td> </tr> <tr> <td>At members home (where medically necessary) . . . . .</td> <td style="text-align: right;">2.00</td> <td></td> </tr> </table> <p>Plus a travelling allowance of 12 cents a mile each way, for travel by private transport.</p> <p><i>Note:</i> A senior chiropradist is one with 5 or more years in the speciality.</p>		\$	\$	Senior Practitioner . . . . .	3.60	1.20	Junior Practitioner . . . . .	2.70	0.90	At practitioners rooms . . . . .	1.75		At members home (where medically necessary) . . . . .	2.00			
	\$	\$																
Senior Practitioner . . . . .	3.60	1.20																
Junior Practitioner . . . . .	2.70	0.90																
At practitioners rooms . . . . .	1.75																	
At members home (where medically necessary) . . . . .	2.00																	
4	<p><b>Orthoptists</b></p> <p>Where orthoptic treatment is considered by a Medical Officer to be essential and such treatment cannot be reasonably obtained from Service, Repatriation or other Government sources, claims submitted by practitioners in respect of such treatment may be met.</p> <p>The fee payable should not exceed the amount currently ruling within a State for the particular service concerned.</p>																	

ANNEX B—continued

Item	Nature of Service	Fee																												
		Senior	Junior																											
5	<p><b>Speech Therapists</b></p> <p>Engagement of private speech therapists is subject to the following conditions:</p> <p><i>a.</i> Treatment is made available only when a speech defect has occurred or developed since the enlistment of the member</p> <p><i>b.</i> Treatment will not continue beyond a period of six months</p> <p><i>c.</i> If treatment fails to restore the member to his former state of health after a period of six (6) months the member is to be medically boarded</p> <p><i>Fees Payable:</i></p> <table border="0"> <tr> <td><i>Sessions at service establishments:</i></td> <td style="text-align: center;">\$</td> <td style="text-align: center;">\$</td> </tr> <tr> <td>First hour . . . . .</td> <td style="text-align: right;">3.60</td> <td style="text-align: right;">2.70</td> </tr> <tr> <td>Subsequent half-hours . . . . .</td> <td style="text-align: right;">1.20</td> <td style="text-align: right;">0.90</td> </tr> <tr> <td><i>Treatment at Practitioners Rooms:</i></td> <td></td> <td></td> </tr> <tr> <td>First consultation (at least one hour)</td> <td style="text-align: right;">3.15</td> <td></td> </tr> <tr> <td>Each subsequent visit . . . . .</td> <td style="text-align: right;">1.50</td> <td></td> </tr> <tr> <td><i>Treatment at Patients Home:</i></td> <td></td> <td></td> </tr> <tr> <td>First visit (involving a consultation of at least one hour)</td> <td style="text-align: right;">3.50</td> <td></td> </tr> <tr> <td>Each subsequent visit . . . . .</td> <td style="text-align: right;">1.50</td> <td></td> </tr> </table> <p>Plus travelling allowance of 12 cents per mile each way.</p> <p><i>Note:</i> The rates for treatment at practitioners rooms or, in a members home assumes only Senior Therapists being engaged.</p> <p>A Senior Speech Therapist is one with 5 or more years experience.</p>	<i>Sessions at service establishments:</i>	\$	\$	First hour . . . . .	3.60	2.70	Subsequent half-hours . . . . .	1.20	0.90	<i>Treatment at Practitioners Rooms:</i>			First consultation (at least one hour)	3.15		Each subsequent visit . . . . .	1.50		<i>Treatment at Patients Home:</i>			First visit (involving a consultation of at least one hour)	3.50		Each subsequent visit . . . . .	1.50			
<i>Sessions at service establishments:</i>	\$	\$																												
First hour . . . . .	3.60	2.70																												
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First visit (involving a consultation of at least one hour)	3.50																													
Each subsequent visit . . . . .	1.50																													

ANNEX C

X-Ray and Radiology Examinations—Scale of Fees

Item	Nature of Service	Fee
1	<p><b>X-Ray Examinations</b></p> <p>In seeking Radioscopy for Service members procedures should be introduced to ensure that public X-ray facilities are used to their full extent. Where possible, advantage should be taken of sessional rates by referring cases in groups to civilian practitioners where public facilities are not available</p>	



## ANNEX C—continued

Item	Nature of Service	Fee
1 cont.	a. Fees for making only of X-ray film by a civilian Medical Officer for interpretation by service medical officers	\$1.50 per film up to a maximum of 4 films. When the number of films at any one period (on the same or different patients) exceeds 4, payment is made on a sessional basis as follows:  <i>Senior Specialist</i> \$ 1st hour .. .. . 12.00 Subsequent half-hours    5.00 <i>Junior Specialist</i> 1st hour .. .. . 9.00 Subsequent half-hours    3.50
	b. Where the examining civilian Medical Officer is required only to interpret film made by Service Medical Officers the rates are:	\$1.50 per film up to a maximum of 4 films. When the number of films at any one period (including mass X-rays) exceeds 4, payment is to be made on a sessional basis as follows:  <i>Senior Specialist</i> \$ 1st hour .. .. . 12.00 Subsequent half-hour    5.00 <i>Junior Specialist</i> 1st hour .. .. . 9.00 Subsequent half-hour    3.05
	c. <i>Diagnostic Radiology</i> Fees including cost of attention in respect of specialist examination carried out at a radiologists rooms.	\$
	(1) Alimentary Tract .. .. .	17.80
	(2) Alimentary Tract and Gall Bladder .. .. .	25.20
	(3) Ankle .. .. .	8.40
	(4) Chest—routine .. .. .	7.30
	(5) Chest—screen and film .. .. .	8.40
	(6) Chest—screen and stereo .. .. .	9.45
	(7) Colon—Barium Enema .. .. .	14.70
	(8) Digits .. .. .	5.25
	(9) Dental—minimum .. .. .	2.40
	(10) Dental—full mouth .. .. .	12.60
	(11) Elbow .. .. .	8.40
	(12) Eye .. .. .	8.40
	(13) Localisation .. .. .	12.60
	(14) Forearm .. .. .	8.40
	(15) Foot .. .. .	7.35
	(16) Gall Bladder—Cholecystography .. .. .	12.60
	(17) Hand .. .. .	6.30
	(18) Hip (one) .. .. .	8.40
	(19) Hip (both) .. .. .	9.45

## ANNEX C—continued

Item	Nature of Service	Fee
1 cont.		\$
	(20) Knee (one) .. .. .	8.40
	(21) Knee (both) .. .. .	9.45
	(22) Leg .. .. .	8.40
	(23) Mandible .. .. .	8.40
	(24) Maxilla .. .. .	8.40
	(25) Mastoid (with Stenvers Projection) (stereo) .. .. .	9.45
	(26) Mastoid .. .. .	9.45
	(27) Nasal Sinuses .. .. .	8.40
	(28) (Full Series) .. .. .	12.60
	(29) Oesophagus .. .. .	9.45
	(30) Pelvis .. .. .	9.45
	(31) Pituitary Fossa .. .. .	8.40
	(32) Ribs .. .. .	8.40
	(33) Sacrum or Coccyx .. .. .	9.45
	(34) Shoulder .. .. .	8.40
	(35) Skull (lateral stereo only) (full series) .. .. .	9.45
	(36) Spine Cervical .. .. .	12.60
	Thoracic .. .. .	9.45
	Lumbar .. .. .	9.45
	Lumbrosacral .. .. .	13.65
	Complete .. .. .	25.20
	(37) Thigh .. .. .	8.40
	(38) Urinary Tract .. .. .	9.45
	and Pyelogram .. .. .	17.85
	and Urography .. .. .	17.85
	(39) Wrist .. .. .	8.40
	d. <i>Bronchogram and Report—</i>	
	(1) When performed entirely by a radiologist .. .. .	19.95
	(2) When the injection of opaque material is done by a person, other than a physician, or ENT surgeon, the radiologists fee for his part of the examination to be .. .. .	12.60
	(3) Injection of opaque material by a physician or ENT specialist .. .. .	6.30
	(4) Report on films not taken by radiologist making the report (per case, not per film) .. .. .	5.25

## ANNEX D

## Psychological Consultants—Scale of Fees

Item	Nature of Service	Fee
1	Counselling and the use of psychological techniques in the assessment of intelligence, personality, aptitude and proficiency of performance either at service establishments or Psychologists Rooms	\$5.50 per visit up to one hour with \$1.65 each subsequent half-hour and subject to a maximum payment of \$22.00 per day
2	Acting as adviser to selection boards	As for 1 plus \$1.65 an hour for time spent on interpretation of tests, provided that this does not exceed 50 per cent of the time spent on the arranged session
3	Specialists Consultations (Second opinion in the same field)	As for 1

## ANNEX E

## Mileage and Travelling Allowance

## Mileage and Travelling Allowance

- a. A Medical Practitioner who uses his own vehicle to attend medical examinations will be paid a mileage allowance of \$0.25 for each half-mile or part thereof beyond a three mile radius from the practitioners surgery or residence (one way only). This allowance is payable to District or Port Division Naval Medical Officers attending naval establishments in the normal course of their duties.
- b. A Medical Practitioner who does not use his own vehicle but is provided with departmental transport will be entitled to payment of a travelling allowance \$1.05 per half-hour in respect of travelling time to and from the place where the service is performed.

## ANNEX F

## Miscellaneous—Fees for Professional Services—Supply of Clinical Notes

1. Approval has been granted for application of the following scale of fees where Medical Practitioners are required to furnish reports or copies of clinical notes appertaining to previous medical treatment of a serviceman:

- |   |         |
|---|---------|
| a. For notes which give a statement of attendances or diagnosis only, or a brief record of one or two visits .. .. .  | \$ 2.10 |
| b. For a statement of attendance and transcription of notes which may include specialist reports and diagnosis, results of X-rays, pathology tests, etc .. .. . | 4.20    |

## ANNEX F—continued

- c. For notes which, in addition to the information supplied as in b., include a summing up of the case over a period of time and/or with opinions helpful to the Department .. .. . \$ 6.30
- d. In exceptional cases, for example those which involve the practitioner in spending considerable time in research into the records of the case and in reading his observations thereon, a higher fee may be appropriate. In each such case, the question of the fee to be paid is to be referred to Navy Office.
- e. In general when determining the fee to be paid for clinical notes obtained from a hospital the scale agreed by the Australian Medical Association should be used as a guide in the absence of fees set by the appropriate State hospital authority. However, if lower fees cannot be negotiated the fee requested by the hospital should be paid.

## 2. Stand-by Fee

Where a Civilian Medical Practitioner makes his services available at prior Department request on a stand-by basis at his surgery for possible emergency. The fee payable per half day is \$4.20.

## 3. Cancellation of Appointments

If a Medical Specialist should claim a fee for an unkept appointment, full details of the case should be referred to Navy Office for consideration. Any such request should be supported by particulars of any special factors claimed by the specialist to exist, such as a significant degree of inconvenience and, generally, any very unusual factors that would distinguish the case from the normal situation.

(MDG 327/61/37)

(Navy Orders 777 of 1965, 276 of 1966, 191, 258 and 360 of 1967)

Navy Orders 737-794 of 1965 are now over three years old and may be disposed of accordingly.

ARTICLE I

Section 1. All legislative Powers herein granted shall be vested in a Congress of the United States, which shall consist of a Senate and House of Representatives.

Section 2. The House of Representatives shall be composed of Members chosen every second Year by the People of the several States, and the Electors in each State shall have the Qualifications requisite for Electors of the most numerous Branch of the State Legislature.

Section 3. The Senate of the United States shall be composed of two Senators from each State, chosen by the Legislature thereof, for six Years; and each Senator shall have the Qualifications requisite for Senators of the most numerous Branch of the State Legislature.

Section 4. The Times, Places and Manner of holding the Elections of Senators and Representatives, shall be prescribed in each State by the Legislature thereof; but the Congress may at any time by Law alter or add to the Rules and Regulations of the foregoing Elections.

Section 5. The Congress shall assemble at least once in every Year, and such Meeting shall begin on the first Monday in December, unless they shall by Law provide otherwise.

Section 6. The Congress shall have the sole Power of Taxation, to pay the Debts and to provide for the common Defence and general Welfare of the United States; but all Taxes shall be uniform across the several States.



RESTRICTED

*Registrar.  
Aistona*  
ANO's 858-873/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
23 December 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*Handau.*

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY

26225/68

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867	Guns (Other than Aircraft) OQF 4.5 inch Mark 5—Introduction of 101841 Socket Headed Screw to Replace the 141244 Slotted Headed Countersunk Screw.
868	Hull Structure—Unventilated Watertight Compartments—Labelling.
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870	Naval Stores (General)—Sextants—Revised Regulations and Allowances.
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872	Naval Stores (Tools and Accessories)—Tool Control Outfits for Aircraft Maintenance Purposes—Introduction—Supply and Accounting Arrangements.
873	Welding—Electric Welding in Compartments Containing Resiliently Mounted Electronic/Electric Equipment Wired with Screened Cable—Precautions to Minimise Fire Hazards.

## Section 1

### ADMINISTRATIVE AND GENERAL

#### UNCLASSIFIED

#### 858—Motor Transport—Theft Precautions

1. A recent case of theft from a naval vehicle revealed the fact that locks on the tailgate window regulator and near side door were defective.

2. The attention of all concerned is drawn to the necessity of ensuring that vehicles in which Commonwealth property is installed or carried, are not defective as regards locks and any other safeguarding devices. Form NMT7 (LG103) (Instructions for Drivers of Naval Vehicles) Article 61 is relevant.

(DSAP 459/53/224)

#### UNCLASSIFIED

#### 859—Nomenclature of Cadet Midshipmen Courses at RANC

1. Following a revision of Junior Officers Training, it has been decided to re-name RANC Courses.

2. Henceforth, Cadet Midshipmen at the Royal Australian Naval College will be referred to as follows:

Course	Cadet Entry		Class Reference
CRESWELL Junior Course ..	1st Year Junior Entry	..	Class IV
	2nd Year Junior Entry	..	Class III
CRESWELL Academic Course ..	3rd Year Junior Entry	..	Class II
	1st Year Senior Entry	..	Class II
CRESWELL Professional Course	4th Year Junior Entry	..	Class I
	2nd Year Senior	..	Class I

3. Class II Cadet Midshipmen will comprise both Degree and Non-degree students, and will be differentiated thus:

Degree: Class IID

Non-degree: Class IIC

4. The above references are to be used where appropriate, in all future correspondence and matters relating to Cadet Midshipmen.

5. Navy Order 62 of 1968 is hereby cancelled.

(DOA 310/1/108)

(Navy Order 62 of 1968)

#### UNCLASSIFIED

#### 860—Safety—Heavy Lift Helicopters—Dangers From Down Draught

1. In an incident in one of HMA ships the down draught from a heavy lift helicopter caused a Zodiac diving boat moored at the stern boom to be lifted bodily from the water and capsized, throwing two sailors and a quantity of diving equipment into the water. The sailors were recovered but the equipment was lost.

2. This incident illustrates the considerable effect that a heavy lift helicopter can have when landing on a ship. While it may be difficult to take due precautions when frequent and unexpected helicopter sorties are being flown, every effort is to be made to ensure the safety of personnel and of boats at booms or in the vicinity of such operations.

3. Navy Order 85 of 1966 is hereby cancelled.

(CONS 177/1/68)

(Navy Order 85 of 1966)

UNCLASSIFIED

### 861—Training Research Organisation

1. In order to improve the standards and methods of training and to avoid over training under training and/or duplication of training effort it has been decided to introduce a Training Research Organisation, the activities of which will be co-ordinated by the Co-ordinator of Training Research on the staff of the Director-General of Training at Navy Office.

#### Tasks

2. The Training Research Organisation will carry out, under the direction of the Director-General of Training, research into all aspects of training within the RAN. In particular the Organisation may be called upon to investigate:

a. *Instructional Methods and Standards*

- (1) Research and determination of the most suitable instructional methods.
- (2) Teaching instructional methods.
- (3) Observing and preserving instructional standards.

b. *Testing and Examination Techniques*

- (1) Study of examination and testing methods.
- (2) Establishment of content criteria of tests/examinations.
- (3) Correction procedures.
- (4) Test/examination analysis.

c. *Trainee Selection*

- (1) Study of necessary qualifications of all candidates for all types of training.

d. *Training Devices*

- (1) Production of training devices.
- (2) Study of training devices already produced.
- (3) Cataloguing of training devices.
- (4) Production of manuals on the use of training devices.

e. *Teaching Devices*

- (1) Study of audio visual programmes available.
- (2) Production of audio visual programmes.
- (3) Study of programmed instructional material.
- (4) Production of programmed instructional material.
- (5) Production of manuals showing the use of teaching devices.

f. *Qualifications and Syllabuses*

- (1) Study of each syllabus with a view to defining objectively the levels of skills and knowledge required.
- (2) Definition of the qualifications and proficiency levels required by all types of sailors.
- (3) Study of the adequacy/suitability of training given.

#### Initial Tasks

3. The areas in which investigation and research are held to be most fruitful initially are:

- a. Testing and examination techniques.
- b. Training and teaching devices.
- c. Definition of qualifications required and adequacy/suitability of training.

The Organisations efforts will be so directed in the initial stages.

#### Training Research Units

4. The extent and endeavour of the Training Research Organisation must be limited by the number of personnel who can be spared for duty within that Organisation and by its success in the problem areas researched. Initially one Training Research Unit will be located at HMAS CERBERUS. It will be responsible direct to the Training Co-ordinator at Navy Office for its performance of approved tasks. It will be administered by CST CERBERUS and will consist of:

- 1 LCDR MLIT,
- 1 CPO, and
- 1 WRWTR.

It is planned that the above will be effective early in 1969.

(DMT 311/1/48)

### Section 3

### OPERATIONAL AND TRAINING

RESTRICTED

### 862—Anti-submarine Air Controllers—Training

Navy Order 21 of 1968 is to be amended as follows:

#### Paragraph 8:

After 'place' insert new sentence as follows:

'To be eligible, sailors should be recommended for the course and must be ABRP passed for LSRP or above.'

(D of T 303/221/82)

(Navy Order 21 of 1968)

UNCLASSIFIED

### 863—Diving Suitability Tests for Ships Diver Candidates

(DCI (RN) 765/1968)

1. Cases have occurred of suitability tests for Ships Divers being conducted by Ships Diver Officers. This is contrary to accepted practice and, apart from the risks inherent in those not qualified in diving training and supervising untrained men, it makes for lack of uniformity in standards.







**Section 4**  
**EQUIPMENT, STORES AND SERVICING**

**UNCLASSIFIED**

**865—Ammunition—Cartridges Power—Cartridges Electric Engine Starter No 1 Mk 3 and Cartridges Electric Engine Starter No 5 Mk 2**

(DCI (RN) 1144/1967)

1. *Purpose* .. .. To notify the introduction of a six-year age limit, from date of manufacture in respect of the following cartridges:
  - a. 369001—Cartridges electric engine starter No 1 Mk 3.
  - b. 369118—Cartridge electric engine No 5 Mk 2.
2. *Action* .. .. Any stocks held of the above items which are over six years old from date of manufacture should be returned to the nearest RAN Armament Depot and replacements demanded in lieu.
3. *Accounting* .. .. The two hyphens added to the Store Reference Nos of these Cartridges indicate that two extra digits should be added to denote the year of filling. Service users should demand and account for these stores under the first six digits only.
4. *RAN Armament Depots* A Circular Letter (Air) is being issued separately.

(DAS 727/58/162)

**UNCLASSIFIED**

**866—Gun Direction System Mark 5—TIU Mark 5—Modification Number 23**

(DCI (RN) 133/1967)

- Ships, establishments and authorities concerned* .. .. Ships and establishments so fitted. Weapon Equipment Depots.
- Units affected* .. .. Integrator Mk 1UA.
- Modification* .. .. Draw cable forms clear of valve V2 and fix in this position, using additional cable clips.
- By whom* .. .. Ships staff.
- Drawings* .. .. BR 935 (2) and (3).
- Reason* .. .. To prevent possible damage to the cable forms by screening can when refitted after replacement of V2.
- Material required* .. .. Modification kits are to be demanded from Weapon Equipment Stores Depots.
- When to be done* .. .. Category 1.

- How to be treated* .. As defect action.
- Documentation* .. Completion of modification is to be recorded as follows:
- In relevant copy of TIU5 Manufacturers Test Results.
  - In planned maintenance documentation.
  - On unit modification labels.

(DWE 737/61/33)

**RESTRICTED****867—Guns (Other than Aircraft) OQF 4.5 inch Mark 5—Introduction of 101841 Socket Headed Screw to Replace the 141244 Slotted Headed Countersunk Screw**

(DCI (RN) 1136/1968)

- Information* .. The following modification has been introduced for the QF 4.5 inch Mk 5 Guns.
- Parts Affected* .. 141263 Guide, spring plunger loading stop.
- Purpose of Modification* To facilitate the removal of the guide spring plunger loading stop by replacing the slotted headed screw with a socket headed screw.
- Drawing* .. NOD 3175/25.
- New Item Required* .. 101841 Screw, socket headed 60° countersunk Wedge-lock fastener 'UNBRAKO',  $\frac{1}{4}$  inch BSF x  $\frac{1}{2}$  inch long.
- When to be done* .. *Guns in service*—At the first available opportunity or the next series inspection.  
*In depots*—As convenient but before issues.
- Schedule of Modifications* QF 4.5 inch Mk 5 Guns. Add Serial No 43.
- Publications* .. BR 2523 (1a) will be amended.

(DAS 705/51/58)

**UNCLASSIFIED****868—Hull Structure—Unventilated Watertight Compartments—Labelling**

- It is essential, to ensure before personnel enter unventilated compartments for any purpose whatsoever, that the compartment has been properly ventilated.
- The requirement to ventilate such compartments before they are entered and other precautions to be taken are laid down in BR 3000 Articles 0602, 0603, 0604 and BR 2102. If due to emergency conditions, there is not time to ventilate such compartments, portable breathing apparatus should be worn. Proper training of all persons likely to be required to enter such compartments is necessary and ships organisations are to draw the attention of all such persons to the precautions laid down in these regulations which are to be labelled at the entrance with a warning notice as

shown in NCM Volume 3.1 Plate SR/1. These notices are to be fixed on the manhole cover or door giving access to the compartment. Portable Tallies similar to Plate SR/1 are to be placed near the entrance whenever men are working in such compartments. Commanding Officers of all ships are to arrange for an inspection to be carried out to determine which space should be labelled in this manner and to demand the total number of tally plates required from SNSO, Sydney. Supply to ships under construction, refitting, etc, will be arranged by the storing yards in the normal manner. The fitting of the tally plates is to be done by Ships Staff with Dockyard assistance as necessary.

4. It should be noted that there will still be many spaces in ships that are not fitted with these notices for which the precautions laid down in the regulations are obligatory, eg, OFT Luboil Drain Tanks, ready-use tanks, boilers.

5. Navy Order 27 of 1966 is hereby cancelled.

(ACDC 1211/51/463)

(Navy Order 27 of 1966)

**UNCLASSIFIED****869—Machinery—Condition on Return for Overhaul**

1. Unnecessary expenditure is being incurred in the overhaul of IC engines due to certain components being retained by users.

2. Ships and Dockyard Officers are to ensure that engines returned for overhaul are complete in all respects and that in particular, starter motors, generators, starting handles, control and instrument panels, gauges, thermometers, etc, which are often disconnected from the engines to facilitate slinging, etc, are replaced before the engines are dispatched.

(DSAP 1100/70/48)

**UNCLASSIFIED****870—Naval Stores (General)—Sextants—Revised Regulations and Allowances**

1. The personal issue of sextants to Navigating Officers on completing the qualifying course at HMS DRYAD has been discontinued. As a consequence RAN policy and allowances relating to sextants have been revised and details are contained in this order.

**Qualified Navigating Officers Serving in Ships**

2. Personal issue sextants are to be returned to the Naval Store and taken on charge in the Naval Store Account. The sextants may then be re-issued to the Navigating Officer on Permanent Loan in the normal manner. Sextants held in excess of the revised allowance, as shown hereunder, should be returned to SNSO, Sydney.

**Qualified Navigating Officers Not Serving in Ships**

3. Personal issue sextants are to be returned to the Supply Officer of the establishment in which the particular officer is currently serving and taken on charge in the Naval Store Account. The sextants should then be returned to SNSO, Sydney, as early as practicable.

4. Officers serving in posts where the above action is not practicable should arrange to return the sextants at the first available opportunity.

5. In order that sufficient sextants are available for Acting Sub-Lieutenants and Midshipmen to obtain their ocean Navigation Certificate, allowances to HMA ships have been varied as follows:

<i>HMA Ship</i>	<i>Revised Allowance</i>
CVSASW	6 No
AP	7 No
AOR	4 No
AD	2 No
DDGs	3 No Ea
DDs (Darings)	3 No Ea
DDs (Battle)	14 No
DEs (Type 12)	3 No Ea
DEs (Type 15)	4 No

6. Demands to complete to establishment should be forwarded to SNSO, Sydney, and sextants held in excess of allowances should be returned for re-allocation.

7. At present Catalogue No 0552/491/L1 and 701/L1 are in general use in the RAN. However, other types of sextants should continue to be used until they require replacement.

8. ABR 4 Article 1204 will be suitably amended in due course.

(DSAP 519/53/797)

## UNCLASSIFIED

### 871—Naval Stores—Introduction—Group Class 9150—Grease Graphite XG285

1. Grease graphite XG280 is now superseded by grease graphite XG285 catalogued as follows:

<i>Group Class</i>	<i>Catalogue No</i>	<i>Description</i>	<i>Denom</i>	<i>Accounting Classification</i>
9150	66-012-3635	Grease Graphite XG285 in 5 lb tins	lb	C
9150	66-017-9605	Grease Graphite XG285 in 1 lb tins	lb	C

2. *Purpose*—To meet requirements for a graphite grease for purposes for which grease XG280 is currently used.

3. *Instructions regarding use*—No special precautions need apply on first use of XG285.

4. *Supply arrangements*—Supplies should be demanded from SNSO, Sydney, NSW.

5. *Item obsolescent*—Grease XG280 (0474/910-0516).

(DNS 512/87/164)

## RESTRICTED

### 872—Naval Stores (Tools and Accessories)—Tool Control Outfits for Aircraft Maintenance Purposes—Introduction—Supply and Accounting Arrangements

1. The danger always exists that serious aircraft accidents may be caused by interference in aircraft mechanical and electrical control systems by tools inadvertently left in aircraft by maintenance personnel. To eliminate this hazard it is essential to ensure that all tools taken into aircraft are removed at the conclusion of maintenance.

2. Because of the existing system of providing each maintenance sailor with a separate tool kit, it is impractical to undertake the frequency of mustering necessary to ensure that all tools are removed from aircraft. In addition, larger numbers of tools are required than are otherwise considered essential for maintenance operations. To overcome the disadvantages of the present system, a new method of providing tools for aircraft maintenance will be introduced; this will be known as the Tool Control System, and arrangements for initial supply, replenishment and accounting are described in this order.

3. Essential features of the Tool Control System are:

- The replacement of all types of individual air tradesmen sailors tool kits by comprehensive tool outfits containing the high usage tools required by all trades for maintenance or servicing operations. Each outfit will be scaled to meet the requirements of a particular aircraft type, workshop, or special task, and will contain tools both of general naval store pattern and some special to aircraft type.
- The use of containers specially designed to facilitate mobility, tool identification and rapid mustering of contents.

4. Tool Control Outfits dealt with in this order consist basically of the following:

- Line tool rolls.
- Aircraft tool outfits.
- Squadron support boxes.
- Workshop boxes.
- Special function tool outfits for special tasks (eg, sheet metal repairs).

In addition, for aircraft carriers only, a special outfit of spare tools will be provided to enable the rapid replacement of lost or defective tools to be undertaken. Further brief details are shown in Annex B to this order. Full details of the tools comprising each outfit will be included in LE48—Allowance List—Composition of Tool Kits in due course.

#### Tool Control Operating Instructions

5. A RANAMO will be issued to cover the detailed responsibilities for the operation of Tool Control Systems in the Fleet Air Arm.

#### Initial Supply Arrangements

6. Tool Control Outfits will be assembled at AMAFTU (Aircraft Maintenance and Flight Trials Unit, HMAS ALBATROSS) and issued direct without demand to units upon the introduction of each phase of the system.

7. Intended phases for the introduction of the system are:

*Phase 1*—Rotary wing aircraft.

*Phase 2*—Fixed wing aircraft.

*Phase 3*—Workshops, ship and station.

#### Accounting Arrangements

8. a. The various sets of tools comprising Tool Control Outfits (as described in Paragraph 4) are to be classified as permanent stores and accounted for as complete sets in the Squadron Mobile Equipment Inventory, Permanent Loan List, or on the Supply Officers charge as appropriate.

b. The sets of tools will be issued by the Supply Officer, HMAS ALBATROSS, to individual services, eg, squadrons, workshops, ships, etc, using normal stores vouchers, Forms SX100 or SX125/126 (AS549), as applicable.

c. Tool Control Outfits not complete when first assembled are to be accounted for at all stages, until the deficient items are received, as 'Tool Control Outfits (Incomplete)' and with details of deficient components noted in the description. As deficient items are supplied, conversion vouchers, Forms SS7 writing off the incomplete tool kit and the tools supplied and bringing on charge the tool kit in its updated state, ie, 'Complete' or 'Incomplete' less remaining deficient items, are to be prepared. New ledger pages and/or Forms AS1099 (SD239) need not be raised, the description on the relevant page being amended as necessary and the registered number of the Form SS7 inserted to support the amendment.

9. Subsequent accounting action is to be taken as indicated in Annex A. The principal effect of this new procedure is that the tool outfits will be accounted for in appropriate Permanent Loan Lists or Squadron Mobile Equipment Inventories and not as personal issues.

10. On receipt of Tool Control Outfits referred to in Paragraph 4, stocks of spare tools held on main ledger charge are to be critically examined, by the Supply Officer in conjunction with appropriate Air Technical Officers, with a view to adjusting stock levels of items included in the outfits.

#### Internal Control of Replacement Tools

11. To ensure that Tool Control is fully effective, it is essential that applications for the issue of replacement tools in lieu of items claimed to be lost or unserviceable should be strictly controlled. Forms SX100 or SX128 (AS1568) as applicable are to be used to obtain all replacements. Completion of this form as appropriate by the Squadron Air Engineer Officer or Workshops Officer to certify that the need for replacement has been fully investigated, is mandatory. In the case of helicopters operating from ships other than carriers, this duty is to be undertaken by the Commanding Officer of the flight. Where loss of or damage to tools is attributable to personal neglect, action is to be taken in accordance with ABR 4 (RAN Storekeeping Manual), Chapter 14.

12. Replacement tools must be colour coded and etch marked before issue by the Air Stores Usage Control Officer. Details of the colour code and etch marks required are to be shown on the reverse of Forms SX100 or SX128, as appropriate, which for Tool Control purposes only are to be over stamped before issue as indicated in Annex B. The stamps will be supplied without demand.

#### Amendments to Tool Control Outfits

13. The composition of Tool Control Outfits will be kept under review in the light of actual user experience, and proposals for additions or deletions to the contents should be reported initially by Air Engineer Officers to AMAFTU for this purpose. Resulting amendments to LE48, relevant allowance list, will be issued periodically.

14. When a squadron is transferred from one locality to another, Tool Control Outfits on Squadron Mobile Equipment Inventory will accompany the squadron. In the event of a squadron disbanding, the complete outfits are to be returned to HMAS ALBATROSS. Tool Control Outfits in ships destoring are to be returned to SNSO, Sydney, in the normal manner.

15. After receipt of Tool Control Outfits the personal kits of air maintenance sailors are to be withdrawn and arrangements made for their return to the Supply Officer.

16. Under no circumstances are private tool kits or tools permitted in the vicinity of aircraft or airborne equipment.

## ANNEX A

## Tool Control Outfits—General Description, Supply and Accounting Arrangements

<i>General Description</i>	<i>Contents and Purpose</i>	<i>Supplied to</i>	<i>Basis of Supply</i>	<i>Accounting Arrangements</i>
Blade folding kits (in plastic pouches)	High usage tools for first line servicing operations	Front Line and Second Line Helicopter sqdns and flights	One per 3 aircraft ..	<i>Note:</i> All accounted for as permanent stores Squadron Mobile Equipment Inventory
Line tool rolls (vacuum formed fibre glass brief cases)	High usage tools for first line servicing operations	Front Line and Second Line sqdns helicopter flights	One per aircraft ..	Squadron Mobile Equipment Inventory
Aircraft tool outfits (in fibre glass boxes, types A, B, C or D as appropriate)	High usage tools for second line servicing operations	Front Line and Second Line sqdns helicopter flights	'D' Box—one per aircraft. 'B' (Supplementary) box—one per three aircraft as necessary  As required by aircraft type for AE, L, R and W trades	Squadron Mobile Equipment Inventory
Squadron support boxes (in fibre glass boxes, types A, B, C or D—as appropriate)	Low usage and general tools (included in Squadron Mobile Equipment Inventory)			
Workshop boxes for ships, air stations and other units (in fibre glass boxes, types A, B, C or D as appropriate)	High usage tools for use in Air Dept workshops ashore and afloat; contents scaled to maintenance functions or individual shops	Aircraft carriers, other ships operating helicopters flights, RAN Air Stations	Requirements will be ascertained by prior inspection of workshops by AMAFTU	Permanent loan record of workshop/department concerned
Special function tool outfits (in fibre glass tool boxes)	Low usage tools for specific maintenance operations (eg, sheet metal repair) assembled from tools at present held individually in Issue Centres	All units .. ..	As necessary ..	Supply Officers charge. To be held in Issue Centres for loan as required
Tool replacement outfits (in black metal tool boxes 0264/7853 or 7854)	Initial quantities of replacement tools calculated as percentage of all tools included in Tool Control Outfits supplied to each ship	Aircraft carrier only..	One outfit per ship ..	Held by ASUCO on permanent loan from Supply Officer—issued on Form SX100

**RESTRICTED**

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**ANNEX B**

<i>Replacement Category</i>	<i>Colour Code</i>			<i>Etch No</i>

**Tool Control Replacement Categories:**

- A Unserviceable—Fair wear and tear
- B Unserviceable—Misuse
- C Lost tool (AS 116 action)
- D Defective tool (AMAFU TC 5 action)

(ACAE 506/71/388)

**UNCLASSIFIED**

**873—Welding—Electric Welding in Compartments Containing Resiliently Mounted Electronic/Electric Equipment Wired with Screened Cable—Precautions to Minimise Fire Hazards**

1. Arc welding in compartments containing electronic/electrical equipment, resiliently mounted in accordance with Admiralty Surface Weapons Establishment Installation Specification B745 and wired with screened cable, is not permissible unless an adequate return cable is efficiently connected at one end of the welding work piece, and at the other end to the vessels main structure or the welding equipment return terminal.

2. It is not permissible to use the earthing arrangements in such compartments for a welding return because these earthing arrangements are inadequate for carrying welding currents which could fuse the earthing arrangements, with attendant fire risk.

3. Dockyard Officers are to ensure that supplies of welding return cables, with clamps, are made available in appropriate sizes and lengths, for issue when arc welding is unavoidable in such compartments.

4. Navy Order 774 of 1965 is hereby cancelled.

(ACDC 1446/1/29)

(Navy Order 774 of 1965)

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**RESTRICTED**

RESTRICTED

ANO 874/68



# AUSTRALIAN NAVY ORDER

Navy Office, Canberra,  
23 December 1968.

The enclosed order is promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*Handau.*

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers in  
Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY

26226/68

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## Section 1

## ADMINISTRATIVE AND GENERAL

## RESTRICTED

## 874—Organisation of the Office of the Second Naval Member and Chief of Naval Personnel

1. The responsibilities of the Director-General of Personal Services, Director-General of Manpower, Director-General of Training, Head of Naval Personnel Branch and the Directors of the Personnel Branches are set out in Annex 'A'.

2. The organisation of the Second Naval Members office is shown in Annex 'B'.

## ANNEX A

## DIRECTOR-GENERAL OF PERSONAL SERVICES

(Short Title: DGPS)

1. The Director-General of Personal Services (DGPS) is responsible to the Chief of Naval Personnel for the formulation of policy and the co-ordination and control of all matters related to the well-being of Naval Personnel. Where these responsibilities involve those which are the direct concern of the Secretary, Department of the Navy, he is to work closely with the Head of Naval Personnel Branch (HPB).

2. The DGPS will be assisted by the following, whose duties he will direct and supervise:

- a. Director of Personal Services Administration—Short Title DPS (A).
- b. Director of Personal Services Conditions of Service—Short Title DPS (C).
- c. Director of Naval Legal Services—Short Title DNLS.
- d. Principal Social Worker—Short Title PSW.

3. The DGPS is to keep the Chief of Naval Personnel informed of all decisions which he makes which could be interpreted as changing of established policy. He is to refer to the Chief of Naval Personnel those other matters on which he requires direction.

4. The Director-General of Personal Services will be the Naval Representative on the following:

- a. Defence Forces Retirement Benefits Board (Member).
- b. Ship Habitability Committee (Chairman).
- c. Uniform and Clothing Committee (Member).
- d. RAN Central Canteens Fund Committee (Chairman).
- e. Joint Services Committee on Conditions of Service (Member, if approved).
- f. The Staff Requirements Committee (Member).

5. The broad responsibilities of individual Directors and the Principal Social Worker are outlined in the following paragraphs.

## ANNEX A—continued

## DIRECTOR OF PERSONAL SERVICES (ADMINISTRATION)

(Short Title: DPS (A))

6. The DPS (A) is responsible to the DGPS for:
  - a. the policy aspects related to the housing of naval personnel and the provision of quarters.
  - b. policy aspects of scales and standards of service accommodation.
  - c. processing the discharges of sailors and wrans, in conjunction with other Directors concerned, except for personnel being discharged 'SNLR' or through 'Engagement Expired'.
  - d. welfare aspects of claims for compensation under the CEC Act.
  - e. personnel aspects of official complaints.
  - f. policy aspects of private debts of personnel.
  - g. policy regarding naval chapels and chapel equipment.
  - h. policy matters related to naval funerals or funerals of naval personnel.
  - i. other miscellaneous matters, such as interviews of next-of-kin and relatives of naval personnel.
  - j. the policy aspects related to management of 'Navy News'.
  - k. arranging accommodation, both permanent and temporary, for naval personnel posted to Navy Office, Canberra.
  - l. *Committee Representation:*
    - (1) RAN Central Canteens Board (Member).
    - (2) RAN Central Canteen Committee (Member).
    - (3) RAN Relief Trust Fund Committee (Member).
    - (4) 'Navy News' Management Committee (Member).
    - (5) Ships Badges, Nomenclature and Honours Committee (Chairman).
    - (6) Resettlement Co-ordinating Committee (Member).
    - (7) Chaplains Committee (Advisory capacity).
    - (8) Melbourne Naval Centre Committee (Member).

## DIRECTOR OF PERSONAL SERVICES (CONDITIONS OF SERVICE)

(Short Title: DPS (C))

7. The DPS (C) is responsible to the DGPS for:
  - a. keeping all matters affecting the conditions of service of naval personnel, including pay and allowances, under continuous review. He is to work in close conjunction with HPB.
  - b. advice in conjunction with HPB on entitlements under the DFRB Act.
  - c. advice on policy governing the resettlement of officers, sailors and wrans.
  - d. advice on pre and post discharge training schemes, in consultation with DNES.
  - e. advising on the application of the Geneva Convention to Naval Prisoners of War.
  - f. advice in conjunction with HPB, on Trust Funds and prizes, including Herbert Lott Trust Fund and training prizes.

## ANNEX A—continued

g. *Committee Representation:*

- (1) Interservice POW Sub-committee (Member).
- (2) Resettlement Policy Committee (Member).
- (3) Defence Forces Retirement Benefits Board (Deputy Member).
- (4) Joint Services Sub-committee on Conditions of Service (Member) (if approved).

**DIRECTOR OF NAVAL LEGAL SERVICES***(Short Title: DNLS)*

8. The DNLS is responsible to the DGPS for all matters of Naval Law including the following:

- a. disciplinary policy.
- b. disciplinary relations with the Royal Navy, Dominion Navies, Allied Forces, AMF and RAAF.
- c. the negotiation and administration of status of forces agreements and supervision of arrangements in countries with whom there is no formal agreement.
- d. advising on the legal problems associated with the operation of forces outside Australia, and foreign forces in Australia.
- e. liaison with the Judge Advocate General.
- f. administration of Reserve Legal Panels.
- g. naval adviser on:
  - (1) Claims for Salvage.
  - (2) Maintenance and affiliation orders.
  - (3) Miscellaneous legal questions affecting naval personnel involving Court Orders, debts, litigation, etc.
- h. ad hoc advice to commands, ships and establishments.
- i. *Committees:*
  - (1) Naval Representative on Defence (Military Law) Sub-committee.
  - (2) Interservice legal working parties (Member).

**Legislation**

9. Naval adviser on: Regulations and Instructions. New legislation and amendments to existing legislation.

**Discipline**

10. Legal advice on:
  - a. Courts Martial.
  - b. Naval Board Censures.
  - c. Officers—Loggings.
  - d. Forms—Disciplinary—new and revised.
  - e. Disciplinary Investigations.
  - f. Summary Punishments.
  - g. Punishment Returns.
  - h. Civil Offences.

## ANNEX A—continued

- i. Dismissals.
- j. Discharges 'Services No Longer Required'.
- k. Deserters.
- l. Fraudulent Entry.
- m. Medals, Restoration after Forfeiture.

**Training**

11. a. He is responsible for legal training of particular personnel in collaboration with the Director of Training. This includes the preparation of lecture programmes and examinations.
- b. Advice on Reserve Legal Panels.

**PRINCIPAL SOCIAL WORKER***(Short Title: PSW)*

12. The PSW is responsible to the DGPS for:
  - a. co-ordinating, planning and developing social work activities within the RAN.
  - b. promoting professional standards of naval social work through the selection of staff, and the supervision of their work.
  - c. ensuring that naval social workers have the facilities available to enable them to function professionally.
  - d. providing advice on individual cases referred to Navy Office and maintaining liaison with appropriate directorates regarding postings, discharges, re-engagements and re-entries, where domestic and compassionate factors are involved.
  - e. providing a general consultant service regarding community facilities to Navy Office and establishments, and advising other social workers and professional agencies on the naval social work service.
  - f. (1) maintaining liaison with the Department of Social Services, other departments and voluntary organisations to avoid overlapping.  
(2) interpretation of the needs of naval families and for ensuring that the widest range of social services is available to them.
  - g. (1) promoting research and inquiry into special areas of concern to naval families.  
(2) maintaining liaison with naval wives clubs and assisting in the growth of self-help and community services within the RAN.
  - h. lecturing on naval social work to naval personnel in ships and establishments or to other groups as requested.
  - i. oversight of the maintenance of statistical records of work performed by naval social workers and keeping a card index and file record of cases dealt with.
  - j. providing a social work service for HMAS HARMAN as required.

**DIRECTOR-GENERAL OF MANPOWER***(Short Title: DGM)*

13. The Director-General of Manpower is responsible to the Chief of Naval Personnel for:
  - a. the performance and co-ordination of the duties of the:
    - (1) Director of Reserves.
    - (2) Director of Naval Recruiting.

## ANNEX A—continued

- (3) Director of Sailors Postings.
- (4) Director of Manpower Planning.
- (5) Director of Fleet Work Study.
- (6) Director of WRANS.

keeping the Chief of Naval Personnel informed of all decisions which he makes which could be interpreted as changing established policy. He is to refer to the Chief of Naval Personnel those other matters on which he requires direction.

- b. the promotion of sailors to meet billet requirements.
- c. in conjunction with HPB, the continuing revision of the Manual of Promotion Instructions for the RAN.
- d. *Committee Representation:*
  - (1) Complements Committee (Chairman).
  - (2) Mobilisation Committee (Chairman).
  - (3) Personnel Standards Committee (Chairman).

**DIRECTOR OF NAVAL RESERVES AND NAVAL DOCKYARD POLICE**

(Short Title: DRNP)

14. The Director of Naval Reserves and Naval Dockyard Police is responsible to the Director-General of Manpower for:

- a. the general administration of all Naval Emergency Reserve, Citizen and Cadet Forces in consultation with D of T, DAPO and DSP.
- b. the administration of the Naval Dockyard Police.
- c. annual inspection of all Naval Reserve training establishments and selected Cadet Training Units.
- d. preparation for mobilisation of the Reserve Forces.
- e. DRNP is Project Director for HMAS LONSDALE, HMAS HUON and HMAS ENCOUNTER.
- f. *Committee Representation:*
  - (1) Mobilisation Committee (Member).
  - (2) Interview Boards (Alternate Chairman).
  - (3) Personnel Standards Committee (Member).

**DIRECTOR OF NAVAL RECRUITING**

(Short Title: DNR)

15. The Director of Naval Recruiting is responsible to the Director-General of Manpower for:

- a. the organisation of RAN recruiting activities including officers, sailors and wrans throughout the Commonwealth.
- b. the recruiting and entry of officers.
- c. the recruiting and entry of sailors and wrans.
- d. dealing with all matters at Navy Office arising from recruiting policy in conjunction with personnel and other Directorates concerned.
- e. production of PNG and Reserve Recruiting Instructions.

## ANNEX A—continued

- f. co-ordinating naval requirements for various recruiting and uniformed public relations activities including Naval Band Programmes, Naval Display Programmes, Navy Day activities, Caravan and Lecture Tours, Recruiting Symposia.
- g. co-ordination with DPR of the preparation and production of printed materials, TV, films and other forms of publicity for recruiting purposes.
- h. co-ordination with appropriate Department of Defence officers in connection with recruiting advertising policy and programmes, including drafting of certain copy, checking of copy, supply of material to assist in production and drafting contents of publicity brochures, pamphlets and posters.
- i. co-ordination with the appropriate Department of Defence officers in all matters common to the Combined Recruiting Directorate and Naval Recruiting organisation.
- j. co-operation as required with Army and RAAF Recruiting Authorities.
- k. production of annual estimates for naval recruiting and naval display requirements (advertising, medical, travelling expenses, etc).
- l. recording and dissemination of information necessary for compilation of recruiting statistics and enlistment surveys.
- m. organisation and control of the Naval Display organisation.
- n. *Committee Representation:*
  - (1) Sailors Selection Committee (Navy Office only) (Chairman).

**DIRECTOR OF SAILORS POSTINGS**

(Short Title: DSP)

16. The Director of sailors postings is the posting authority for all PNF sailors and the call up, posting and discharge authority for Reserves. He is responsible to the Director-General of Manpower for:

- a. the efficient implementation of posting policy, both PNF and reserves.
- b. the production and amendment of Posting Instructions.
- c. the compilation and issue of Posting Notes and Posting Forecasts.
- d. the compilation of promotion lists.
- e. the compilation and implementation of elimination lists.
- f. the compilation of course selection lists.
- g. the arrangements for submarine suitability tests.
- h. the compilation of selection lists for recruiting duties, Canteen Managers, overseas posts such as Service Attaches Assistants and other special posts.
- i. the posting of wrans in consultation with DWRANS.
- j. the compilation of promotion lists for wrans.
- k. *Committee Representation:*
  - (1) EDP Personnel Planning Committee (Member).
  - (2) Mobilisation Committee (Member).

## ANNEX A—continued

**DIRECTOR OF MANPOWER PLANNING***(Short Title: DMP)*

17. The Director of Manpower Planning is responsible to the Director-General of Manpower for:

- a. planning the manpower requirements for officers, sailors and wrans of both the PNF and Reserves.
- b. the assessment of recruiting targets for officers, sailors and wrans.
- c. the assessment of categorisation and training target percentages, ineffectives.
- d. review of sailor branch structure.
- e. the compilation of manpower estimates in consultation with Head of Naval Personnel Branch.
- f. compilation and production, in consultation with the Chief Statistical Officer, of Naval Manpower statistics.
- g. compilation of and amendments to complements of ships and establishments in consultation with the Director, Organisation and Methods.
- h. compilation of and amendments to Quarter Bills.
- i. compilation and amendment of a Manpower Planning Guide or ACB.
- j. supervision of Forms CW1 Register.
- k. *Committee Representation:*
  - (1) Complements Committee (Member).
  - (2) Mobilisation Committee (Member).

**DIRECTOR OF FLEET WORK STUDY***(Short Title: DFWS)*

18. The Director of Fleet Work Study is responsible to the Director-General of Manpower for:

- a. advice on the application of Work Study and Management techniques in the Fleet and Fleet establishments and on the economical use of Fleet Work Study resources.
- b. control and co-ordination in the functional sense, of the work of the Fleet Work Study personnel.
- c. advice on the most fruitful fields for Fleet Work Study.
- d. in consultation with the Director of Training, control of technical Fleet Work Study training and the dissemination of lessons learnt, the application of techniques, records and development.
- e. the maintenance of Fleet Work Study investigating standards and for liaison with Work Study departments of the other fighting services and industry.
- f. maintenance of close liaison with the Director O & M on all matters arising from Fleet Work Study activities which come within the ambit of the O & M Unit and the departmental Work Study Statistical Sections.
- g. 'Management'. This involves the co-ordination and improvement of courses involving management training, the provision and training of instructors, and the provision of lecture material. To this end he is to consult as necessary with DGT, the Public Service Board and other civilian authorities.
- h. *Committee Representation:*
  - (1) Human Engineering Panel (Member).

## ANNEX A—continued

**DIRECTOR OF WRANS***(Short Title: DWRANS)*

19. The Director, WRANS, is responsible to the Director-General of Manpower for:

- a. organisation of the Womens Royal Australian Naval Service to perform effectively the functions assigned to it, for the morale and well-being of the Service and for advice on all matters affecting this responsibility.
- b. advice to other Personnel Directors on the recruitment, selection, preliminary training, posting and promotion to officers and personnel of the WRANS.
- c. advice on the arrangements for the technical training of wrans personnel. The actual technical training is the responsibility of the Directors or Heads of Branches concerned.
- d. promotion of wrans other than officers.
- e. advice to Directors and Heads of Branches concerned on all matters likely to affect the morale and well-being of members of the WRANS, eg, pay, conditions of service, numbers and grading of quarters, staffs accommodation, and the general aspects of victualling, messing and clothing.

20. She, or her representative, is authorised to visit any naval establishment in which members of the WRANS are employed, giving prior notification to the Administrative Authority concerned and to the Commanding Officer of the establishment.

**DIRECTOR-GENERAL OF TRAINING***(Short Title: DGT)*

21. The Director-General of Training is responsible to the Chief of Naval Personnel for:

- a. the overall technical, professional and academic training of officers, sailors and wrans, both PNF and Reserve, including initiation of proposals for variations in the training requirements for each branch and category.
- b. the performance and co-ordination of the duties of:
  - (1) the Director of Training;
  - (2) the Director of Naval Education Service;
 keeping the Chief of Naval Personnel informed of all decisions which he makes which could be interpreted as changing established policy. He is to refer to the Chief of Naval Personnel those other matters on which he requires direction.
- c. overall co-ordination of Training Research.
- d. *Committee Representation:*
  - (1) Interviewing Board (Chairman—alternate).
  - (2) RAN Academic Standing Committee and Study Board (Member).
  - (3) Complements Committee (Member).

## ANNEX A—continued

**DIRECTOR OF TRAINING**(Short Title: *D of T*)

22. The Director of Training is responsible to the Director-General of Training for:
- a. the co-ordination of and efficient conduct of professional and technical training of all officers, sailors and wrans, both PNF and Reserve.
  - b. co-ordination of requirements for and the availability of training equipment and training facilities for both the PNF and Reserves.
  - c. in consultation with HPB, preparation of annual estimates for training courses, training equipment, and travel connected with training.
  - d. arrangements for the training of naval officers and sailors from other nations.
  - e. arrangements for training of the Naval Dockyard Police.
  - f. the continuing revision of ABR 27.
  - g. he is Project Director for the following training establishments:  
 HMAS CERBERUS  
 HMAS LEEUWIN  
 HMAS NIRIMBA  
 HMAS PENGUIN  
 HMAS WATSON.
  - h. *Committee Representation:*
    - (1) Training Committee (Chairman).
    - (2) Navy Office Sailing Committee (Chairman).

**DIRECTOR OF NAVAL EDUCATION SERVICE**(Short Title: *DNES*)

23. The Director, Naval Education Service, is responsible to the Director-General of Training for:
- a. advice on the policy for naval and interservice education.
  - b. within overall training policy directives, the administration of:
    - (1) the academic and theoretical professional training of sailors.
    - (2) the academic training of RANC cadets, Topmen, Upperyardmen, SL and SD officers.
    - (3) naval and civilian educational examinations.
    - (4) naval libraries and textbooks, including the purchase and dissemination of books.
    - (5) instructional technique, reading improvement, modern instructional methods, educational aids, tests and examinations.
    - (6) correspondence courses, facilities for private study, and the Services Vocational and Educational Training Scheme.
    - (7) naval academic instructions (with DSP).
  - c. liaison with other services and civilian organisations on educational matters.
  - d. advice on the training and employment and (with DAPO) the appointment of Instructor Officers.

## ANNEX A—continued

- e. advice on the standards of education required for officer and sailor entries (with DNR and DPSYCH).
- f. he is Project Director for HMAS CRESWELL.
- g. *Committee Representation:*
  - (1) RANC Academic Standing Committee (Member).
  - (2) RANC-University of NSW Advisory Committee (Member).
  - (3) RANC Study Board (Member).
  - (4) SVETS Co-ordinating Committee (Member).
  - (5) Resettlement Co-ordinating Committee (Member).

**DIRECTOR OF APPOINTMENTS AND POSTINGS (OFFICERS)**(Short Title: *DAPO*)

24. The Director of Appointments and Postings for Officers is responsible to the Chief of Naval Personnel for:
- a. the overall career planning of all officers (up to and including the rank of Commander) to meet the approved establishment, both PNF and Reserve.
  - b. advice on the appointment, posting and discharge of all officers of the rank of Commander and below both PNF, WRANS and Reserves.
  - c. supervision in consultation with the Head of Naval Personnel Branch of records of all officers up to and including the rank of Commander including retired officers.
  - d. in consultation with Director-General of Manpower, the extension of retiring ages of officers.
  - e. visits of naval officers, for other than training purposes, from other nations.
  - f. *Committee Representation:*
    - (1) Mobilisation Committee (Member).
    - (2) Complements Committee (Member).
    - (3) Officer Interview Boards (Chairman—alternate).

**DIRECTOR OF PSYCHOLOGICAL SERVICES**(Short Title: *DPSYCH*)

25. The Director of Psychological Services is responsible to the Second Naval Member for:
- a. advice on the ways in which psychological techniques and the psychological staff may be employed to obtain the most effective use of the individual in the Service.
  - b. the technical direction of the psychological staff.
  - c. liaison with other organisations concerned with psychology in Australia and overseas, collection of information on new techniques and methods developed by such organisations and advice on their application to the RAN.
26. He also acts as the Psychological Consultant to the Medical Director-General.
27. He is responsible through DGM for:
- a. planning, supervision and co-ordination of psychological research work in the RAN.

## ANNEX A—continued

- b. provision of psychological advice on the suitability of candidates for entry into the RAN, RANR and WRANS and for ensuring that, as far as possible, the branch and/or category of their choice is well suited to their abilities, interests and experience.
- c. advising DGT on the quality and training potential of the sailors entering the various branches.
- d. conducting periodic surveys into wastage rates under training, for examining the psychological aspects of failure and for making recommendations, where appropriate, on methods of reducing wastage or increasing training efficiency.
- e. advice on the psychological test standards to be set for entry into the various branches having regard to manning requirements and the predicted failure rate under training.
- f. providing instruction in Man Management and Human Relations for officers and senior sailors as required by DGT.
- g. *Committee Representation:*
  - (1) Psychological Sub-committee to the Defence Research and Development Policy Committee (Member).
  - (2) Human Engineering Panel (Member).
  - (3) RANC Study Board (Member).
  - (4) Personnel Standards Committee (Member).
  - (5) Sailors Selection Committee (Member).
  - (6) Naval Committee or Advertising and Public Relations Media (Member).
  - (7) Training Research Committee (Member).

**HEAD OF NAVAL PERSONNEL BRANCH***(Short Title: HPB)*

28. The Head of Naval Personnel Branch is the representative of the Secretary in the office of the Second Naval Member with responsibility for providing information, advice and assistance to the Second Naval Member, Personnel Directors-General and Directors, and also members of the Naval Board and other senior officers of the Department on:

- a. the financial and departmental aspects of policy concerning pay, allowances and miscellaneous entitlements, conditions of entry, promotion, service and retirement, retirement benefits, courses of training, organisation of branches, complements and establishments numbers; and
- b. the practices and procedures necessary in the administrative application of the various facets of policy referred to in a. above, and in the performance of the Departments normal personnel administrative tasks.

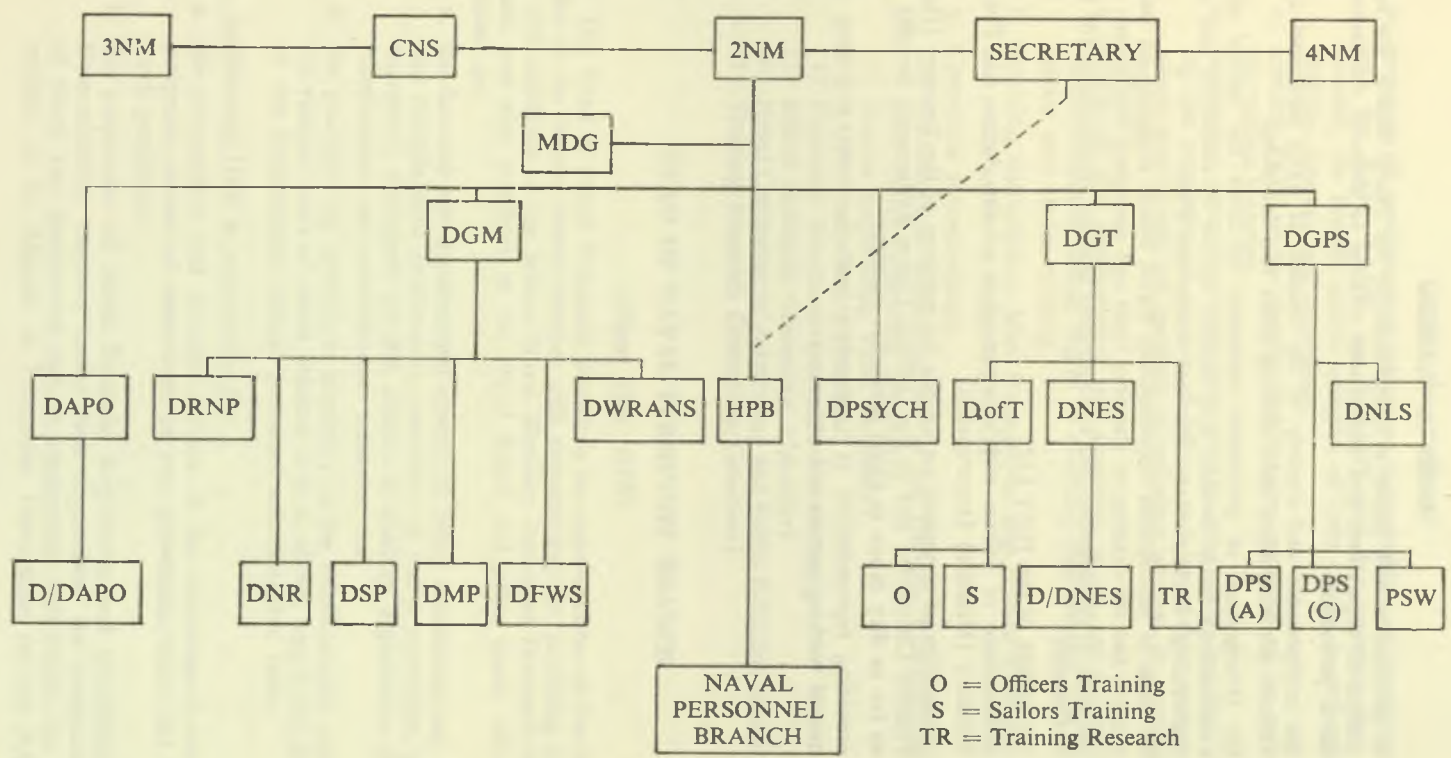
29. Additionally HPB is responsible for:

- a. the presentation and periodic reviews of the departmental estimates and budgetary control of expenditure on pay, allowances, travel and training of naval personnel;
- b. the preparation of Naval Financial Regulations and amendments thereto, Determinations required under these regulations, the continuing revision of Naval Pay Instructions and, in conjunction with DGM, the continuing revision of the Manual of Promotion Instructions for the RAN;

## ANNEX A—continued

- c. in accordance with policy as determined by the Naval Board, the administration of regulations and instructions relating to financial entitlements for naval personnel;
- d. the maintenance and custody of the records of naval personnel and the various administrative tasks flowing from this function;
- e. the arrangement of procedures necessary to cover the control of Fleet examinations, prize awards, war medals, advice of casualties, and general matters, eg, Parliamentary elections within the Fleet;
- f. the issue of instructions implementing Naval Board decisions on personnel matters and the drafting of statutory rules and amending regulations;
- g. the issue of commissions and appointments and the arrangements for Orders-in-Council;
- h. the editing of the Navy List;
- i. maintenance of liaison with representatives of the Army, Air Force and Treasury (Defence) Departments;
- j. preparation of comments on agenda for meetings of the Treasury (Defence) Finance Committee and of the Defence Forces Retirements Benefits Board, so far as they relate to naval personnel matters;
- k. providing representation at appropriate levels on inter and intra departmental working parties and committees.

### ANNEX B ORGANISATION CHART



RESTRICTED

RESTRICTED

(2NM 2/204/40)



# AUSTRALIAN NAVY ORDER

Navy Office, Canberra,  
30 December 1968.

The enclosed order is promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*M. Handau.*

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers in  
Charge of HMA Naval Establishments, and others  
concerned.*

FOR OFFICIAL USE ONLY



## Section 5

## BOOKS, CORRESPONDENCE, FORMS AND STATIONERY

## UNCLASSIFIED

## 875—Distribution of Magazines, Pamphlets and Amendments to Publications, Etc, During October 1968

1. The magazines, pamphlets and amendments to publications etc, and SC Series contained in the Annex to this order, have been distributed to ships and Services during October, 1968.

2. Copies of amendments referred to in the Annex to this order are available for supply to holders of personal copies of Books of Reference and Air Publications in accordance with Article 2517 (6) of ABR 4.

## ANNEX

## BR AMENDMENTS

<i>BR No</i>	<i>Change No</i>
ABR 27 Vol 2 .. ..	Change 2
ABR 27 Vol 2 .. ..	Change 3
ABR 27 Vol 2 .. ..	Change 4
BR 217 (3A) .. ..	Change 4
BR 217 (3A) .. ..	Change 5
BR 217 (3F) .. ..	Change 4
BR 225 .. ..	Change 2
BR 225 .. ..	Change 3
BR 292 .. ..	Change 8
BR 292 .. ..	Change 9
BR 320B .. ..	Class Group 0258, April 1968
BR 320B .. ..	Class Group 0441, April 1968
BR 320B .. ..	Class Group 0443, April 1968
BR 320B .. ..	Class Group 0567 Part 1 April 1968
BR 320B .. ..	Class Group 0567 Part 2 April 1968
BR 320B .. ..	Class Group 0573 April 1968
BR 320D .. ..	Class Group 0231 Supplement 1, March 1968
BR 320D .. ..	Class Group 0584 April 1968
BR 320D .. ..	Class Group 0675 April 1968
BR 862 .. ..	Change 8
BR 935 (4) .. ..	Change 1
BR 935 (5) .. ..	Change 3
BR 1173 (1B) .. ..	Change 3
BR 1173 (2B) .. ..	Change 3
BR 1615 Addendum 2 .. ..	Change 1
BR 1618 .. ..	Change 5
BR 1644 (2) E .. ..	Change 5
BR 1653 .. ..	Change 21
BR 1653 .. ..	Change 22
BR 1653 .. ..	Change 23
BR 1653 .. ..	Change 24
BR 1771 (54) .. ..	Change 4
BR 1837 (1) .. ..	Circular letter (G) 197

## BR AMENDMENTS—continued

<i>BR No</i>	<i>Change No</i>
BR 1837 (1) .. ..	Circular letter (G) 202
ABR 1980 .. ..	Change 2
BR 2111 (12) .. ..	Change 1
BR 2111 (12) .. ..	Change 2
BR 2111 (13) .. ..	Change 2
BR 2014A .. ..	Change 3
BR 2125 (10) .. ..	Change 1
BR 2297 (6A) .. ..	Change 11
BR 2297 (7) .. ..	Change 3
BR 2297 (10) .. ..	Change 8
BR 2301 (1) .. ..	Change 10
BR 2301 (1) .. ..	Change 2
BR 2500 (3) .. ..	Change 3
BR 2500 (6) .. ..	Amendment List 11
BR 2501 .. ..	Change 45
BR 5042 .. ..	Change 5
ABR 5074 .. ..	Supplement No 1
ABR 5074 .. ..	Naval Stores Group Class 0242 Change 1
ABR 5074 .. ..	Naval Stores Group Class 0251 Change 1
ABR 5074 .. ..	Naval Stores Group Class 0253 Change 1
ABR 5074 .. ..	Naval Stores Group Class 0262 Change 1
ABR 5074 .. ..	Naval Stores Group Class 0264 Change 2
ABR 5074 .. ..	Naval Stores Group Class 0268 Change 1
ABR 5074 .. ..	Naval Stores Group Class 0269 Change 1
ABR 5074 .. ..	Naval Stores Group Class 0271 Change 2
ABR 5074 .. ..	Naval Stores Group Class 0272 Change 2
ABR 5074 .. ..	Naval Stores Group Class 0273 Change 2
ABR 5074 .. ..	Naval Stores Group Class 0274 Change 2
ABR 5074 .. ..	Naval Stores Group Class 0275 Change 1
ABR 5074 .. ..	Naval Stores Group Class 0276 Change 2
ABR 5074 .. ..	Naval Stores Group Class 0277 Change 2
ABR 5074 .. ..	Naval Stores Group Class 0278 Change 1
ABR 5074 .. ..	Naval Stores Group Class 0282 Change 1
ABR 5074 .. ..	Naval Stores Group Class 0283 Change 1
ABR 5074 .. ..	Naval Stores Group Class 0350 Change 1
ABR 5074 .. ..	Naval Stores Group Class 0413 Change 1
MBR 8001 .. ..	Issue No 24, 21.7.67
MBR 8001 .. ..	Issue No 30
MBR 8074 .. ..	Supplement No 8, August 1968

## BOOKS, MAGAZINES, PAMPHLETS

<i>Publication</i>	<i>Date</i>
Aeroplane .. ..	7.8.68
Aeroplane .. ..	14.8.68
Aeroplane .. ..	21.8.68
Aircraft .. ..	September 1968
Approach Vol 14 No 2 .. ..	August 1968
Electrical Design News Vol 13 No 9 .. ..	August 1968
Flight .. ..	8.8.68
Flight .. ..	15.8.68

BOOKS, MAGAZINES AND PAMPHLETS—*continued*

Publication	Date
Flight .. .. .	22.8.68
HMSO List of Government Publications ..	June 1968
Joint Services Recognition Journal Vol 23	April 1968
No 3	
Joint Services Recognition Journal Vol 22	December 1967
No 12	
Joint Services Recognition Journal Vol 23	January 1968
No 1	
Joint Services Recognition Journal Vol 23	February 1968
No 2	

## AMENDMENTS TO AIR PUBLICATIONS

AP No	AL or Leaflet
107E-0102-1 .. .. .	AL 1
108G-0200-D1 .. .. .	Air Diagrams
108G-0200-D2 .. .. .	Air Diagrams
108G-0200-D3 .. .. .	Air Diagrams
112G-0306-3A(N) .. .. .	AL 1
112G-0400-1 .. .. .	ALs 1, 2, 3, 4 and 5
112G-1113-1 .. .. .	AL 2
116D-0105-1 .. .. .	AL 43
1086 (1966) Sect 14A .. .. .	AL 2
1086 (1966) Sect 14B .. .. .	AL 1
1086 (1966) Sect 27D .. .. .	AL 1
1086 (1966) Sect 27F .. .. .	AL 5
1086 (1966) Sect 27HS .. .. .	AL 3
1086 (1966) Sect 27N .. .. .	AL 1
1086 (1966) Sect 27P .. .. .	AL 1
1086 (1966) Sect 28J .. .. .	AL 1
1182 (N) Vol 2 .. .. .	AL 245-(E 54) AL 246-(E 55) AL 247-(G 54) AL 251-(G 55)
1182C Vol 4 Part 6 .. .. .	ALs 68, 70, 71, 72, 73
1182D (N) Vol 1 .. .. .	AL 16
1182E (N) Vol 1 .. .. .	AIL 8/68
1275A Vol 6 Sect 13 .. .. .	AL 9
1355C Vol 4 Part 6 .. .. .	AL 10
1492A Vol 2 .. .. .	Leaflet AL 60-(D 27)
1664A Vol 1 Book 2 .. .. .	AL 58
1664D Vol 1 Parts 1 and 3 .. .. .	AL 82, 84
1803F Vol 1 Book 2 .. .. .	AL 56, 57
2337 Vol 6 .. .. .	AL 101
2531A and C Vol 2 .. .. .	Leaflet AL 105-(B 86)
2531J Vol 2 .. .. .	Leaflet AL 282-(A 12) Leaflet AL 285-(B 183) Alt 1
2531S Vol 2 .. .. .	Leaflet AL 42-(B 25) Leaflet AL 43-(A 2) Leaflet AL 44-(B 21) Alt 1
2554E Vol 2 .. .. .	Leaflet AL 25-(A 2) Leaflet AL 26-(B 18)

AMENDMENTS TO AIR PUBLICATIONS—*continued*

AP No	AL or Leaflet
4340 Vol 1 Book 1 .. .. .	AL 47
4360C PN .. .. .	AL (RAN) 12
4411A Vol 1 .. .. .	Leaflet AL 37-(B 30) Leaflet AL 38-(B 31)
4747A .. .. .	AL 16
(RAN) 8 Vol 1 Book 1 .. .. .	AIL (RAN) 23
(RAN) 8 Aircrew Notes .. .. .	AL 8
(RAN) 8 Vol 1 Book 2 .. .. .	AL 60, 63 and 64
(RAN) 8 Vol 1 Book 6 .. .. .	AL 35, 36, 37
(RAN) 8 Vol 2 Books 1 and 2 .. .. .	AL (RAN) 1 August 1968
(RAN) 8 Vol 3 Part 2 .. .. .	AL 90
(RAN) 8 Vol 5 Book 2 .. .. .	AL 80
(RAN) 8 Vol 6 Part 3 .. .. .	AL 50 and 51
(RAN) 9B Vol 3 Part 1 .. .. .	AL 3
(RAN) 9B Vol 6 Parts 2A, 3 and 4A .. .. .	ALs 12, 13, 14, 15, 16, 17, 18
(RAN) 9AB Vol 2 .. .. .	AL (RAN) 1, AL 2
(RAN) 10 Vol 1 Book 4 .. .. .	Supp AL No 3
(RAN) 10 Vol 2 .. .. .	AL 17
(RAN) 10 Vol 6 .. .. .	AIL (RAN) 4
(RAN) 11 Vol 2 .. .. .	AL (RAN) 3
(RAN) 19 Vol 2 Book 1 Part 2 .. .. .	Errata to AL 26
(RAN) 100 Vol 2 Part 6 .. .. .	AL 4
(RAN) 100 Vol 2 Part 10 .. .. .	AL 4
(RAN) 101 .. .. .	ALs 143, 144, 145, 146, 147, 148, 149, 150, 151, 152
(RAN) 500 Vol 2 Part 1 .. .. .	AL 25, 26
(RAN) 500 Vol 2 Part 3 .. .. .	AL 22
AVP 35 .. .. .	AL 3
Air Pictorial .. .. .	September 1968
ICAO Bulletin .. .. .	July 1968
ICAO Bulletin Vol 23 .. .. .	No 8 and 9
SDM No 71 Issue 6 .. .. .	(cancellation)
SDM No 1S 350 Issue 2 .. .. .	(cancellation)
SDM No 1S 358 Issue 1 .. .. .	(cancellation)
AIC (Aust) .. .. .	46/1968, 47/1968, 42-45/1968
NOTAM .. .. .	HO 19/1968 HO 20/1968 HO 21/1968
DCA AIP (RAC/2) .. .. .	AL 100 (Cat A and C) AL 100 (Cat East)
AIP (Cat East) .. .. .	AL 65
AIP (Cat A and C) .. .. .	AL 65 (AGA)
(Rolls Royce) Nimbus Service Bulletins .. .. .	T/Letter No 63 T/Letter No 65
US Army Adjutant Bulletin St. Louis (Missouri) .. .. .	No 26
US Army Adjutant Bulletin Baltimore (Maryland) .. .. .	No 26
AAP No 2 GCC:	
A65 (8th Edition) .. .. .	AL 8, 9
1045 (5th Edition) .. .. .	AL 9
3825 (4th Edition) .. .. .	AL 9

## AMENDMENTS TO AIR PUBLICATIONS—continued

AP No	AL or Leaflet
4010 (7th Edition)	AL 16
5450 (6th Edition)	AL 8
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NAO0-35QB-177	Change No 2 July 1968
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NAO0-35QZ-46 (0700-080-9352)	Change No 1
NAO0-500C	1.7.68
NAO1-40AVC-2-1 (0701-090-2261)	Interim Manual Change No 19, 27.11.67
NAO1-40AVC-2-2 (0701-090-2282)	Interim Manual Change No 9, 19.7.68
NAO1-40AVC-2-2.1 (0701-090-2292)	Interim Manual Change No 7, 15.4.68
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NAO1-40AVE-6-6 (0701-090-4780)	Change 1.9.67
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NAO2B-10DAA-2.1 (0702-030-0392)	Interim Manual Change No 4, 1.6.68
NA16-30ARC51-2 (0716-070-6181)	Revision Notice 1.9.67

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<i>AP No</i>	<i>AL or Leaflet</i>
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NA16-45-619 (0716-100-1450) ..	Revision Notice 15.4.60
	Revision Notice 15.6.62
MWO 55-1520-211-30/35 ..	Change No 1, 21.12.67
	Change No 2, 20.3.68

(D of V 465/57/887)

**RESTRICTED**

ANO's 876-894/68



# AUSTRALIAN NAVY ORDERS

Navy Office, Canberra,  
30 December 1968.

The enclosed orders are promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*H. Handau.*

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers  
in Charge of HMA Naval Establishments, and others  
concerned.*

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26228/68

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## Section 4

### EQUIPMENT, STORES AND SERVICING

#### UNCLASSIFIED

#### 876—Alteration and Addition Item—Daring Class Destroyers

The following Alteration and Addition Item is approved to be carried out in HMA ships VAMPIRE and VENDETTA:

*Class List Item No 147 (Ex TDL 'NDCF').*

- a. *Item:* 'To replace the existing grease pressure lubrication system fitted to the stern tube bushes in HMA ships VAMPIRE and VENDETTA by an oil lubrication system similar to that fitted in RAN Destroyer Escorts. The oil lubrication system is to comprise forward and aft stern tube bush oil seals, oil header and storage tanks, hand transfer pump, filling connection and necessary interconnecting piping, generally as shown on Navy Office Drawing No D2036 to D2042 inclusive.'
- b. Estimated additional weight is 1 ton 12 cwt per ship and has already been taken into account for the extended refit.

(CNTS 1215/51/97)

#### RESTRICTED

#### 877—Alteration and Addition Item—HMAS DERWENT

The following Alteration and Addition Item is approved to be carried out in HMAS DERWENT:

*Class List Item No 367 (Ex TDL 'NFEM').*

- a. *Item:* '(1) To resite Ikara Tracking Aerial Outfit (A9) from foremast to bridge roof.  
(2) To adjust aerial skirt to allow for introduction of multi-mode horn modification.  
(3) To reposition main armament bench marks to prevent wooding by Ikara aerial outfit.  
(4) Replace indexing link outfit Mk 1 with indexing link outfit Mk 5.'
- b. The weight moratorium has been lifted for this item only.

(DWE 740/252/875)

#### RESTRICTED

#### 878—Alteration and Addition Item—HMAS KIMBLA

The following Alteration and Addition Item is approved to be carried out in HMAS KIMBLA:

*Class List Item No 154 (Ex TDL 'AJ').*

- a. *Item:* 'Fitting of type 975 radar in place of type 974.'
- b. Weight variations are to be reported on completion of item.
- c. *References:* (1) HMAS KIMBLAs Form ASI182 (TM168) TDL 'AJ' of 7 March 1968 forwarded under cover of FOCAFs Memorandum of 22 April 1968.  
(2) FOCAFs Signal DTG 190044Z April 1968.

(CNTS 1232/51/88)

## UNCLASSIFIED

**879—Alteration and Addition Item—HMAS KIMBLA**

The following Alteration and Addition Item is approved to be carried out in HMAS KIMBLA:

*Class List Item No 153 (Ex TDL 'AH').*

- a. *Item:* 'Stowage for 20 man inflatable liferaft to be fitted starboard side of 01 deck.'
- b. No weight compensation is required but weight increase is to be reported on completion of the item.
- c. *References:* (1) HMAS KIMBLAs Form AS1182 (TM168) TDL 'AH' of 8 November 1967 forwarded under cover of FOCAF Memorandum 1212/32/6 of 2 January 1968.  
(2) ACNBs Message DTG 210345Z November 1967.

(CNTS 1232/51/85)

## UNCLASSIFIED

**880—Alteration and Addition Item—HMAS PALUMA**

The following Alteration and Addition Item is approved to be carried out in HMAS PALUMA:

*Class List Item No 3 (Ex TDL 'P').*

- a. *Item:* 'To convert the fresh and salt water services from gravity systems to pressure system in accordance with Garden Island Drawing 134/65 and Garden Island Letter N20/17/115 dated 9 December 1966.'
- b. *References:* (1) HMAS PALUMAs Form AS1182 (TM168) TDL 'P' dated 17 May 1966 forwarded under cover of FOCAF Memorandum dated 3 June 1966.  
(2) ACNB Message DTG 270317Z June 1966.  
(3) GMGID Memorandum N20-17-115 dated 9 December 1966.  
(4) Navy Office Memorandum 512/251/90 dated 23 February 1967.

(CNTS 1236/251/130)

## RESTRICTED

**881—Alteration and Addition Item—HMAS PALUMA**

The following Alteration and Addition Item is approved to be carried out in HMAS PALUMA:

*Class List Item No 14 (Ex TDL 'Q').*

- a. *Item:* 'To convert the port inboard three tier bunks into a four tier bunk arrangement. Spacing between bunks to be in accordance with Naval Construction Manual Figure 2/62. To fit an additional kit locker on top of the existing kit lockers in the port aft corner of the mess.'
- b. *References:* (1) FOCAF Memorandum 1236/3/4 dated 25 October 1966.  
(2) HMAS PALUMAs Form AS1182 (TM168) TDL 'Q' dated 7 October 1966 forwarded under cover of FOCAF Memorandum AF 1236/3/4 dated 15 December 1966.

(CNTS 1236/251/140)

## RESTRICTED

**882—Alteration and Addition Item—HMA Ships PERTH and BRISBANE**

Navy Order 404 of 1968 is to be amended as follows:

*Delete the item as worded and insert the following in lieu:*

- a. *Item:* 'Remove from the ship one in number AN/WSA-1. Reconnect the remaining AN/WSA-1 as an input to both radar switchboards basically in accordance with Navy Office Sketch 1080/145.'
- b. *Reference:* Navy Office Memorandum 1205/255/68 (CO1429) dated 13 May 1968.

(CNTS 1205/255/68)

(Navy Order 404 of 1968)

## UNCLASSIFIED

**883—Alteration and Addition Item—RAN DDGs**

The following Alteration and Addition Item is approved to be carried out in HMA ships PERTH, HOBART and BRISBANE:

*Class List Item No 21 (Ex TDL 'DDG 26-AE').*

- a. *Item:* 'Run additional connector from receiver aerial transfer panel 67-50-3 to aerial selector panel 67-376 (6).'
- b. Weight surrender, as follows, is required to be approved and landed before the item is undertaken:  
50 lb at 01 deck level; or  
105 lb at 1 deck level.
- c. *Reference:* HMAS HOBARTs Form AS1182 (TM168) TDL 'DDG 26-AE' dated 8 August 1967, forwarded under cover of FOCAF Memorandum AF 1212/30/5 dated 3 September 1967.

(CNTS 1215/61/38)

## UNCLASSIFIED

**884—Alteration and Addition Items—RAN DDGs**

The following Alteration and Addition Items are approved to be carried out in HMA ships PERTH and HOBART:

*Class List Item Nos 23 (Ex TDL 'NSAR'), 24 (Ex TDL 'NSAS'), 25 (Ex TDL 'NSAT'), 26 (Ex TDL 'NSAU'), 27 (Ex TDL 'NSAV'), 28 (Ex TDL 'NSAW').*

- a. *Item 23:* 'To update Tartar Missile System in accordance with job plan 2 for HMAS HOBART. Alteration and Addition embodies:
  - (1) Shipalts DDG 2-126 (modified) and 2-265 removes 2 X AN/DSM 55V, Test Sets and all associated test facilities and equipment including Tartar missile and test spares.
  - (2) Shipalt DDG 2-158 installs missile capability consoles.
  - (3) Shipalt DDG 2-159 installs DSOT equipment.
  - (4) Shipalt DDG 2-161 modifies Tartar weapon control switchboard.
  - (5) Shipalt DDG 2-215 enlarges the missile computer room and re-arranges the checkout space for DSOT and standard missile capability.

(6) Shipalt DDG 2-238 installs the direction maintenance test panel (introduced by Ordalt 6314).'

- b. *Item 24:* 'To modify Mk 13 GMLS magazine air conditioning system incident to Ordalt 6308—Shipalt DDG 219.'
- c. *Item 25:* 'To modify electric power supplies to coolant pump AN/SPG 51-B Shipalt DDG-239.'
- d. *Item 26:* 'To install Duplex Strainer in AN/SPG-51 radar cooling system. Shipalt DDG-253.'
- e. *Item 27:* 'To reconnect torque degaussing syncro lead on circuit LC Shipalt DDG-242.'
- f. *Item 28:* 'To concert AI/SPG-51B to AN/SPG-51C and provide an IT/retrofit and standard missile Type 1A capability to be compatible with AN/SPG-51C, in accordance with Shipalts DDG-2-234 and DDG-2-254 as indicated in Job Plan No 3 for HMAS HOBART.'
- g. A weight saving will accrue from the above items and weight variations are to be reported.

(CNTS 740/56/5)

#### UNCLASSIFIED

##### 885—Alteration and Addition Item—HMAS STALWART

The following Alteration and Addition Item is approved to be carried out in HMAS STALWART:

*Class List Item No 4 (Ex TDL 'C').*

- a. *Item:* 'To fit 4 number ammeters on the switchboard console to indicate loading in the ship alongside and shore supply connection boxes SAB1 (port and starboard) and SAB2 (port and starboard). The existing switchboard metering and protection current transformers are to be utilised where practicable.'
- b. *Reference:* HMAS STALWARTs Form ASI182 (TM168) TDL 'C', dated 30 March 1968, forwarded under cover of FOCAF Memorandum dated 16 April 1968.

(CNTS 1228/53/35)

#### RESTRICTED

##### 886—Alteration and Addition Item—HMAS STALWART

The following Alteration and Addition Item is approved to be carried out in HMAS STALWART:

*Class List Item No 3 (Ex TDL 'NTE').*

- a. *Item:* 'To modify the aircraft safety requirements to enable the Flight Deck Officer to have control of flying operations by:
  - a. Modifying the traffic light control circuits and adding "Request Permission to Fly" facilities.
  - b. Providing dimming facilities for the landing "T" lights.
  - c. Providing a sound powered telephone between FDO and bridge.'
- b. *Reference:* Navy Office Memorandum 1228/253/8 dated 28 May 1968 (NOTAL).

(CNTS 1228/253/8)

#### UNCLASSIFIED

##### 887—Alteration and Addition Item—HMAS STUART

The following Alteration and Addition Item is approved to be carried out in HMAS STUART:

*Class List Item No 365 (Ex TDL 'TC').*

- a. *Item:* 'To equip 3C No 1 Naval Store with "Compactus" type stowages in lieu of the existing rack stowages.'
- b. Weight variation is to be reported.
- c. *References:* (1) HMAS STUARTs Form ASI182 (TM168) TDL 'TC' dated 9 September 1967 forwarded under cover of FOCAF Memorandum AF 1212/52/16 dated 26 October 1967.  
(2) ACNB Message DTG 230623Z April 1968.  
(3) Navy Office Memorandum 1224/273/121 dated 18 September 1968.

(CNTS 512/69/923)

#### UNCLASSIFIED

##### 888—Alteration and Addition Item—HMAS SUPPLY

The following Alteration and Addition Item is approved to be carried out in HMAS SUPPLY:

*Class List Item No 67 (Ex TDL 'BT').*

- a. *Item:* '(1) Resite Wheelhouse JUC display adjacent ARL Plotting Table, on rotating Pedestal Mount, No 5840-99-580-1398.  
(2) Resite Control Indicator No. 5840-99-580-1381 in wheelhouse.  
(3) Rewire Selector Indicator No 5840-99-580-2669 to allow selection of either Bridge or Charthouse displays.'
- b. No weight compensation is required but any weight variations are to be reported on completion of the item.
- c. *References:* (1) HMAS SUPPLYs Form ASI182 (TM168) TDL 'BT', dated 23 November 1967, forwarded under cover of FOCAF Memorandum AF 1212/53/19 dated 3 January 1968.  
(2) FOCAFs Message DTG 040624Z April 1968.  
(3) ACNBs Message DTG 080824Z April 1968.  
(4) GMGIDs Message DTG 112236Z April 1968.

(CNTS 1246/51/214)

#### UNCLASSIFIED

##### 889—Alteration and Addition Item—HMAS SYDNEY

The following Alteration and Addition Item is approved to be carried out in HMAS SYDNEY:

*Class List Item No 359 (Ex TDL 'X').*

- a. *Item:* 'To fit a 220 Volt DC Bain Marie in the Wardroom Pantry.'



- b. No weight compensation is required in view of the displacement limitation.
- c. *Reference:* HMAS SYDNEYS Form AS1182 (TM168) TDL 'EF' dated 6 December 1965, forwarded under cover of FOCAF Memorandum AF 1903/29 dated 4 January 1966.

(CNTS 1213/53/146)

## UNCLASSIFIED

**890—Alteration and Addition Item—Ton Class Minesweepers/Minehunters**

The following Alteration and Addition Item is approved to be carried out in the Ton Class Minesweepers/Minehunters:

*Class List Item No 33 (Ex TDL 'N').*

- a. *Item:* 'Generator Room—To fit canopies over the upper and lower banks of batteries with trunking connected to existing No 13—17½ inch axial flow exhaust fan trunking. Internal surfaces of canopies and trunking are to be treated as follows:
- etched with Phosphoric Acid pre-treatment solution to ABR 19—MIS 131.
  - apply one coat of chlorinated rubber paint to ABR 19—CR 156.
  - apply one coat of chlorinated rubber paint to ABR 19—CR 154.'
- b. The additional weight involved is in the order of 50 lb. No weight compensation is required.
- c. *Reference:* HMAS WATERHENS Form AS1182 (TM168) TDL 'N' of 9 August 1967 forwarded under cover of FOCAFs Memorandum of 23 August 1967.

(CNTS 1227/51/345)

## UNCLASSIFIED

**891—Alteration and Addition Item—Type 12 Destroyer Escorts**

The following Alteration and Addition Item is approved to be carried out in HMA ships YARRA, PARRAMATTA and, subject to the lifting of the moratorium on weight, in HMA ships STUART and DERWENT:

*Class List Item No 360 (Ex TDL 'YT').*

- a. *Item:* 'To extend the Ikara Intercom for maintenance purposes by transferring three speakers and three microphones from AB (T) and by providing an additional 16W amplifier together with three additional speakers. System to be in accordance with Navy Office Drawing No 1133/553.'
- b. Weight compensation of 150 lb at No 2 deck or above is required to be landed before the item is undertaken.
- c. *Reference:* HMAS YARRAs Form AS1182 (TM168) TDL 'YT' dated 5 December 1967 forwarded under cover of FOCAF Memorandum NF 1212/62/13 dated 4 January 1968.

(CNTS 1224/67/448)

## UNCLASSIFIED

**892—Alteration and Addition Item—Type 12 Destroyer Escorts**

The following Alteration and Addition Item is approved to be carried out in Type 12 Destroyer Escorts:

*Class List Item No 358 (Ex TDL 'NFEO').*

- a. *Item:* 'a. To remove the existing bed-pan washer sink and replace with a bulkhead mounted stainless steel WC. The SDV with ½ inch hot and cold water supply for washing bed-pans is to remain.  
b. To fit a pattern 0566/L10333 Autoclave in the sickbay.  
*Note:* Part b. is not to be undertaken until part a. has been completed.'
- b. Weight compensation is not required. Details of weight variations are to be reported on completion of the item.

(CNTS 1224/51/351)

## UNCLASSIFIED

**893—Alteration and Addition Item—100 ft Patrol Boats**

The following Alteration and Addition Item is approved to be carried out in the 100 ft Patrol Boats:

*Class List Item No 5 (Ex TDL 'B').*

- a. *Item:* 'To replace bolted manhole cover on forward bulkhead of cable locker with a hinged WT manhole cover, similar to that shown on Navy Office Drawing No 209 M/133-2. Clear opening to be 18 in x 13 in and fitted with 6 in number hinged clips with butterfly nuts.'
- b. *Reference:* HMAS ATTACKs Form AS1182 (TM168) TDL 'B' dated 18 June 1968 forwarded under cover of NOIC NA Memorandum dated 4 July 1968.

(CNTS 1234/51/52)

## RESTRICTED

**894—Alteration and Addition Item—100 ft Patrol Boats**

The following Alteration and Addition Item is approved to be carried out in the 100 ft Patrol Boats:

*Class List Item No 2 (Ex TDL 'NXA').*

- a. *Item:* 'To fit HF DSB/SSB Communications Receiver Type RA 217 and associated power supply, etc, in the wireless office and provide monitoring facilities in both the wireless office and in the wheelhouse.'
- b. Landing of the signalmans desk is approved as weight compensation for the 50 lb additional weight involved.
- c. *References:* (1) Navy Office Letter 1236/251/117 of 23 May 1966.  
(2) Navy Office Memorandum 518/251/789 of 10 August 1967.  
(3) ACNB Signal DTG 180202 December 1967.

(CNTS 518/251/835)

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ANO 874/68



# AUSTRALIAN NAVY ORDER

Navy Office, Canberra,  
23 December 1968.

The enclosed order is promulgated for information, guidance and necessary action.

By direction of the Naval Board,

*M. Handau.*

*The Flag Officer Commanding HMA Fleet,  
Flag Officer and Naval Officers in Charge, Captains  
and Commanding Officers of HMA Ships, Officers in  
Charge of HMA Naval Establishments, and others  
concerned.*

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## Section 1

## ADMINISTRATIVE AND GENERAL

## RESTRICTED

## 874—Organisation of the Office of the Second Naval Member and Chief of Naval Personnel

1. The responsibilities of the Director-General of Personal Services, Director-General of Manpower, Director-General of Training, Head of Naval Personnel Branch and the Directors of the Personnel Branches are set out in Annex 'A'.

2. The organisation of the Second Naval Members office is shown in Annex 'B'.

## ANNEX A

## DIRECTOR-GENERAL OF PERSONAL SERVICES

(Short Title: DGPS)

1. The Director-General of Personal Services (DGPS) is responsible to the Chief of Naval Personnel for the formulation of policy and the co-ordination and control of all matters related to the well-being of Naval Personnel. Where these responsibilities involve those which are the direct concern of the Secretary, Department of the Navy, he is to work closely with the Head of Naval Personnel Branch (HPB).

2. The DGPS will be assisted by the following, whose duties he will direct and supervise:

- a. Director of Personal Services Administration—Short Title DPS (A).
- b. Director of Personal Services Conditions of Service—Short Title DPS (C).
- c. Director of Naval Legal Services—Short Title DNLS.
- d. Principal Social Worker—Short Title PSW.

3. The DGPS is to keep the Chief of Naval Personnel informed of all decisions which he makes which could be interpreted as changing of established policy. He is to refer to the Chief of Naval Personnel those other matters on which he requires direction.

4. The Director-General of Personal Services will be the Naval Representative on the following:

- a. Defence Forces Retirement Benefits Board (Member).
- b. Ship Habitability Committee (Chairman).
- c. Uniform and Clothing Committee (Member).
- d. RAN Central Canteens Fund Committee (Chairman).
- e. Joint Services Committee on Conditions of Service (Member, if approved).
- f. The Staff Requirements Committee (Member).

5. The broad responsibilities of individual Directors and the Principal Social Worker are outlined in the following paragraphs.

## ANNEX A—continued

## DIRECTOR OF PERSONAL SERVICES (ADMINISTRATION)

(Short Title: DPS (A))

6. The DPS (A) is responsible to the DGPS for:
- a. the policy aspects related to the housing of naval personnel and the provision of quarters.
  - b. policy aspects of scales and standards of service accommodation.
  - c. processing the discharges of sailors and wrans, in conjunction with other Directors concerned, except for personnel being discharged 'SNLR' or through 'Engagement Expired'.
  - d. welfare aspects of claims for compensation under the CEC Act.
  - e. personnel aspects of official complaints.
  - f. policy aspects of private debts of personnel.
  - g. policy regarding naval chapels and chapel equipment.
  - h. policy matters related to naval funerals or funerals of naval personnel.
  - i. other miscellaneous matters, such as interviews of next-of-kin and relatives of naval personnel.
  - j. the policy aspects related to management of 'Navy News'.
  - k. arranging accommodation, both permanent and temporary, for naval personnel posted to Navy Office, Canberra.
- l. *Committee Representation:*
- (1) RAN Central Canteens Board (Member).
  - (2) RAN Central Canteen Committee (Member).
  - (3) RAN Relief Trust Fund Committee (Member).
  - (4) 'Navy News' Management Committee (Member).
  - (5) Ships Badges, Nomenclature and Honours Committee (Chairman).
  - (6) Resettlement Co-ordinating Committee (Member).
  - (7) Chaplains Committee (Advisory capacity).
  - (8) Melbourne Naval Centre Committee (Member).

## DIRECTOR OF PERSONAL SERVICES (CONDITIONS OF SERVICE)

(Short Title: DPS (C))

7. The DPS (C) is responsible to the DGPS for:
- a. keeping all matters affecting the conditions of service of naval personnel, including pay and allowances, under continuous review. He is to work in close conjunction with HPB.
  - b. advice in conjunction with HPB on entitlements under the DFRB Act.
  - c. advice on policy governing the resettlement of officers, sailors and wrans.
  - d. advice on pre and post discharge training schemes, in consultation with DNES.
  - e. advising on the application of the Geneva Convention to Naval Prisoners of War.
  - f. advice in conjunction with HPB, on Trust Funds and prizes, including Herbert Lott Trust Fund and training prizes.

## ANNEX A—continued

g. *Committee Representation:*

- (1) Interservice POW Sub-committee (Member).
- (2) Resettlement Policy Committee (Member).
- (3) Defence Forces Retirement Benefits Board (Deputy Member).
- (4) Joint Services Sub-committee on Conditions of Service (Member) (if approved).

**DIRECTOR OF NAVAL LEGAL SERVICES***(Short Title: DNLS)*

8. The DNLS is responsible to the DGPS for all matters of Naval Law including the following:

- a. disciplinary policy.
- b. disciplinary relations with the Royal Navy, Dominion Navies, Allied Forces, AMF and RAAF.
- c. the negotiation and administration of status of forces agreements and supervision of arrangements in countries with whom there is no formal agreement.
- d. advising on the legal problems associated with the operation of forces outside Australia, and foreign forces in Australia.
- e. liaison with the Judge Advocate General.
- f. administration of Reserve Legal Panels.
- g. naval adviser on:
  - (1) Claims for Salvage.
  - (2) Maintenance and affiliation orders.
  - (3) Miscellaneous legal questions affecting naval personnel involving Court Orders, debts, litigation, etc.
- h. ad hoc advice to commands, ships and establishments.
- i. *Committees:*
  - (1) Naval Representative on Defence (Military Law) Sub-committee.
  - (2) Interservice legal working parties (Member).

**Legislation**

9. Naval adviser on: Regulations and Instructions. New legislation and amendments to existing legislation.

**Discipline**

10. Legal advice on:
  - a. Courts Martial.
  - b. Naval Board Censures.
  - c. Officers—Loggings.
  - d. Forms—Disciplinary—new and revised.
  - e. Disciplinary Investigations.
  - f. Summary Punishments.
  - g. Punishment Returns.
  - h. Civil Offences.

## ANNEX A—continued

- i. Dismissals.
- j. Discharges 'Services No Longer Required'.
- k. Deserters.
- l. Fraudulent Entry.
- m. Medals, Restoration after Forfeiture.

**Training**

11. a. He is responsible for legal training of particular personnel in collaboration with the Director of Training. This includes the preparation of lecture programmes and examinations.
- b. Advice on Reserve Legal Panels.

**PRINCIPAL SOCIAL WORKER***(Short Title: PSW)*

12. The PSW is responsible to the DGPS for:
  - a. co-ordinating, planning and developing social work activities within the RAN.
  - b. promoting professional standards of naval social work through the selection of staff, and the supervision of their work.
  - c. ensuring that naval social workers have the facilities available to enable them to function professionally.
  - d. providing advice on individual cases referred to Navy Office and maintaining liaison with appropriate directorates regarding postings, discharges, re-engagements and re-entries, where domestic and compassionate factors are involved.
  - e. providing a general consultant service regarding community facilities to Navy Office and establishments, and advising other social workers and professional agencies on the naval social work service.
  - f. (1) maintaining liaison with the Department of Social Services, other departments and voluntary organisations to avoid overlapping.  
(2) interpretation of the needs of naval families and for ensuring that the widest range of social services is available to them.
  - g. (1) promoting research and inquiry into special areas of concern to naval families.  
(2) maintaining liaison with naval wives clubs and assisting in the growth of self-help and community services within the RAN.
  - h. lecturing on naval social work to naval personnel in ships and establishments or to other groups as requested.
  - i. oversight of the maintenance of statistical records of work performed by naval social workers and keeping a card index and file record of cases dealt with.
  - j. providing a social work service for HMAS HARMAN as required.

**DIRECTOR-GENERAL OF MANPOWER***(Short Title: DGM)*

13. The Director-General of Manpower is responsible to the Chief of Naval Personnel for:
  - a. the performance and co-ordination of the duties of the:
    - (1) Director of Reserves.
    - (2) Director of Naval Recruiting.

## ANNEX A—continued

- (3) Director of Sailors Postings.
- (4) Director of Manpower Planning.
- (5) Director of Fleet Work Study.
- (6) Director of WRANS.

keeping the Chief of Naval Personnel informed of all decisions which he makes which could be interpreted as changing established policy. He is to refer to the Chief of Naval Personnel those other matters on which he requires direction.

- b. the promotion of sailors to meet billet requirements.
- c. in conjunction with HPB, the continuing revision of the Manual of Promotion Instructions for the RAN.
- d. *Committee Representation:*
  - (1) Complements Committee (Chairman).
  - (2) Mobilisation Committee (Chairman).
  - (3) Personnel Standards Committee (Chairman).

**DIRECTOR OF NAVAL RESERVES AND NAVAL DOCKYARD POLICE**

(Short Title: DRNP)

14. The Director of Naval Reserves and Naval Dockyard Police is responsible to the Director-General of Manpower for:

- a. the general administration of all Naval Emergency Reserve, Citizen and Cadet Forces in consultation with D of T, DAPO and DSP.
- b. the administration of the Naval Dockyard Police.
- c. annual inspection of all Naval Reserve training establishments and selected Cadet Training Units.
- d. preparation for mobilisation of the Reserve Forces.
- e. DRNP is Project Director for HMAS LONSDALE, HMAS HUON and HMAS ENCOUNTER.
- f. *Committee Representation:*
  - (1) Mobilisation Committee (Member).
  - (2) Interview Boards (Alternate Chairman).
  - (3) Personnel Standards Committee (Member).

**DIRECTOR OF NAVAL RECRUITING**

(Short Title: DNR)

15. The Director of Naval Recruiting is responsible to the Director-General of Manpower for:

- a. the organisation of RAN recruiting activities including officers, sailors and wrans throughout the Commonwealth.
- b. the recruiting and entry of officers.
- c. the recruiting and entry of sailors and wrans.
- d. dealing with all matters at Navy Office arising from recruiting policy in conjunction with personnel and other Directorates concerned.
- e. production of PNG and Reserve Recruiting Instructions.

## ANNEX A—continued

- f. co-ordinating naval requirements for various recruiting and uniformed public relations activities including Naval Band Programmes, Naval Display Programmes, Navy Day activities, Caravan and Lecture Tours, Recruiting Symposia.
- g. co-ordination with DPR of the preparation and production of printed materials, TV, films and other forms of publicity for recruiting purposes.
- h. co-ordination with appropriate Department of Defence officers in connection with recruiting advertising policy and programmes, including drafting of certain copy, checking of copy, supply of material to assist in production and drafting contents of publicity brochures, pamphlets and posters.
- i. co-ordination with the appropriate Department of Defence officers in all matters common to the Combined Recruiting Directorate and Naval Recruiting organisation.
- j. co-operation as required with Army and RAAF Recruiting Authorities.
- k. production of annual estimates for naval recruiting and naval display requirements (advertising, medical, travelling expenses, etc).
- l. recording and dissemination of information necessary for compilation of recruiting statistics and enlistment surveys.
- m. organisation and control of the Naval Display organisation.
- n. *Committee Representation:*
  - (1) Sailors Selection Committee (Navy Office only) (Chairman).

**DIRECTOR OF SAILORS POSTINGS**

(Short Title: DSP)

16. The Director of sailors postings is the posting authority for all PNF sailors and the call up, posting and discharge authority for Reserves. He is responsible to the Director-General of Manpower for:

- a. the efficient implementation of posting policy, both PNF and reserves.
- b. the production and amendment of Posting Instructions.
- c. the compilation and issue of Posting Notes and Posting Forecasts.
- d. the compilation of promotion lists.
- e. the compilation and implementation of elimination lists.
- f. the compilation of course selection lists.
- g. the arrangements for submarine suitability tests.
- h. the compilation of selection lists for recruiting duties, Canteen Managers, overseas posts such as Service Attaches Assistants and other special posts.
- i. the posting of wrans in consultation with DWRANS.
- j. the compilation of promotion lists for wrans.
- k. *Committee Representation:*
  - (1) EDP Personnel Planning Committee (Member).
  - (2) Mobilisation Committee (Member).

## ANNEX A—continued

**DIRECTOR OF MANPOWER PLANNING***(Short Title: DMP)*

17. The Director of Manpower Planning is responsible to the Director-General of Manpower for:

- a. planning the manpower requirements for officers, sailors and wrans of both the PNF and Reserves.
- b. the assessment of recruiting targets for officers, sailors and wrans.
- c. the assessment of categorisation and training target percentages, ineffectives.
- d. review of sailor branch structure.
- e. the compilation of manpower estimates in consultation with Head of Naval Personnel Branch.
- f. compilation and production, in consultation with the Chief Statistical Officer, of Naval Manpower statistics.
- g. compilation of and amendments to complements of ships and establishments in consultation with the Director, Organisation and Methods.
- h. compilation of and amendments to Quarter Bills.
- i. compilation and amendment of a Manpower Planning Guide or ACB.
- j. supervision of Forms CW1 Register.
- k. *Committee Representation:*
  - (1) Complements Committee (Member).
  - (2) Mobilisation Committee (Member).

**DIRECTOR OF FLEET WORK STUDY***(Short Title: DFWS)*

18. The Director of Fleet Work Study is responsible to the Director-General of Manpower for:

- a. advice on the application of Work Study and Management techniques in the Fleet and Fleet establishments and on the economical use of Fleet Work Study resources.
- b. control and co-ordination in the functional sense, of the work of the Fleet Work Study personnel.
- c. advice on the most fruitful fields for Fleet Work Study.
- d. in consultation with the Director of Training, control of technical Fleet Work Study training and the dissemination of lessons learnt, the application of techniques, records and development.
- e. the maintenance of Fleet Work Study investigating standards and for liaison with Work Study departments of the other fighting services and industry.
- f. maintenance of close liaison with the Director O & M on all matters arising from Fleet Work Study activities which come within the ambit of the O & M Unit and the departmental Work Study Statistical Sections.
- g. 'Management'. This involves the co-ordination and improvement of courses involving management training, the provision and training of instructors, and the provision of lecture material. To this end he is to consult as necessary with DGT, the Public Service Board and other civilian authorities.
- h. *Committee Representation:*
  - (1) Human Engineering Panel (Member).

## ANNEX A—continued

**DIRECTOR OF WRANS***(Short Title: DWRANS)*

19. The Director, WRANS, is responsible to the Director-General of Manpower for:

- a. organisation of the Womens Royal Australian Naval Service to perform effectively the functions assigned to it, for the morale and well-being of the Service and for advice on all matters affecting this responsibility.
- b. advice to other Personnel Directors on the recruitment, selection, preliminary training, posting and promotion to officers and personnel of the WRANS.
- c. advice on the arrangements for the technical training of wrans personnel. The actual technical training is the responsibility of the Directors or Heads of Branches concerned.
- d. promotion of wrans other than officers.
- e. advice to Directors and Heads of Branches concerned on all matters likely to affect the morale and well-being of members of the WRANS, eg, pay, conditions of service, numbers and grading of quarters, staffs accommodation, and the general aspects of victualling, messing and clothing.

20. She, or her representative, is authorised to visit any naval establishment in which members of the WRANS are employed, giving prior notification to the Administrative Authority concerned and to the Commanding Officer of the establishment.

**DIRECTOR-GENERAL OF TRAINING***(Short Title: DGT)*

21. The Director-General of Training is responsible to the Chief of Naval Personnel for:

- a. the overall technical, professional and academic training of officers, sailors and wrans, both PNF and Reserve, including initiation of proposals for variations in the training requirements for each branch and category.
- b. the performance and co-ordination of the duties of:
  - (1) the Director of Training;
  - (2) the Director of Naval Education Service;
 keeping the Chief of Naval Personnel informed of all decisions which he makes which could be interpreted as changing established policy. He is to refer to the Chief of Naval Personnel those other matters on which he requires direction.
- c. overall co-ordination of Training Research.
- d. *Committee Representation:*
  - (1) Interviewing Board (Chairman—alternate).
  - (2) RAN Academic Standing Committee and Study Board (Member).
  - (3) Complements Committee (Member).

## ANNEX A—continued

**DIRECTOR OF TRAINING***(Short Title: D of T)*

22. The Director of Training is responsible to the Director-General of Training for:
- a. the co-ordination of and efficient conduct of professional and technical training of all officers, sailors and wrans, both PNF and Reserve.
  - b. co-ordination of requirements for and the availability of training equipment and training facilities for both the PNF and Reserves.
  - c. in consultation with HPB, preparation of annual estimates for training courses, training equipment, and travel connected with training.
  - d. arrangements for the training of naval officers and sailors from other nations.
  - e. arrangements for training of the Naval Dockyard Police.
  - f. the continuing revision of ABR 27.
  - g. he is Project Director for the following training establishments:  
 HMAS CERBERUS  
 HMAS LEEUWIN  
 HMAS NIRIMBA  
 HMAS PENGUIN  
 HMAS WATSON.
  - h. *Committee Representation:*
    - (1) Training Committee (Chairman).
    - (2) Navy Office Sailing Committee (Chairman).

**DIRECTOR OF NAVAL EDUCATION SERVICE***(Short Title: DNES)*

23. The Director, Naval Education Service, is responsible to the Director-General of Training for:
- a. advice on the policy for naval and interservice education.
  - b. within overall training policy directives, the administration of:
    - (1) the academic and theoretical professional training of sailors.
    - (2) the academic training of RANC cadets, Topmen, Upperyardmen, SL and SD officers.
    - (3) naval and civilian educational examinations.
    - (4) naval libraries and textbooks, including the purchase and dissemination of books.
    - (5) instructional technique, reading improvement, modern instructional methods, educational aids, tests and examinations.
    - (6) correspondence courses, facilities for private study, and the Services Vocational and Educational Training Scheme.
    - (7) naval academic instructions (with DSP).
  - c. liaison with other services and civilian organisations on educational matters.
  - d. advice on the training and employment and (with DAPO) the appointment of Instructor Officers.

## ANNEX A—continued

- e. advice on the standards of education required for officer and sailor entries (with DNR and DPSYCH).
- f. he is Project Director for HMAS CRESWELL.
- g. *Committee Representation:*
  - (1) RANC Academic Standing Committee (Member).
  - (2) RANC-University of NSW Advisory Committee (Member).
  - (3) RANC Study Board (Member).
  - (4) SVETS Co-ordinating Committee (Member).
  - (5) Resettlement Co-ordinating Committee (Member).

**DIRECTOR OF APPOINTMENTS AND POSTINGS (OFFICERS)***(Short Title: DAPO)*

24. The Director of Appointments and Postings for Officers is responsible to the Chief of Naval Personnel for:
- a. the overall career planning of all officers (up to and including the rank of Commander) to meet the approved establishment, both PNF and Reserve.
  - b. advice on the appointment, posting and discharge of all officers of the rank of Commander and below both PNF, WRANS and Reserves.
  - c. supervision in consultation with the Head of Naval Personnel Branch of records of all officers up to and including the rank of Commander including retired officers.
  - d. in consultation with Director-General of Manpower, the extension of retiring ages of officers.
  - e. visits of naval officers, for other than training purposes, from other nations.
  - f. *Committee Representation:*
    - (1) Mobilisation Committee (Member).
    - (2) Complements Committee (Member).
    - (3) Officer Interview Boards (Chairman—alternate).

**DIRECTOR OF PSYCHOLOGICAL SERVICES***(Short Title: DPSYCH)*

25. The Director of Psychological Services is responsible to the Second Naval Member for:
- a. advice on the ways in which psychological techniques and the psychological staff may be employed to obtain the most effective use of the individual in the Service.
  - b. the technical direction of the psychological staff.
  - c. liaison with other organisations concerned with psychology in Australia and overseas, collection of information on new techniques and methods developed by such organisations and advice on their application to the RAN.
26. He also acts as the Psychological Consultant to the Medical Director-General.
27. He is responsible through DGM for:
- a. planning, supervision and co-ordination of psychological research work in the RAN.



## ANNEX A—continued

- b. provision of psychological advice on the suitability of candidates for entry into the RAN, RANR and WRANS and for ensuring that, as far as possible, the branch and/or category of their choice is well suited to their abilities, interests and experience.
- c. advising DGT on the quality and training potential of the sailors entering the various branches.
- d. conducting periodic surveys into wastage rates under training, for examining the psychological aspects of failure and for making recommendations, where appropriate, on methods of reducing wastage or increasing training efficiency.
- e. advice on the psychological test standards to be set for entry into the various branches having regard to manning requirements and the predicted failure rate under training.
- f. providing instruction in Man Management and Human Relations for officers and senior sailors as required by DGT.
- g. *Committee Representation:*
  - (1) Psychological Sub-committee to the Defence Research and Development Policy Committee (Member).
  - (2) Human Engineering Panel (Member).
  - (3) RANC Study Board (Member).
  - (4) Personnel Standards Committee (Member).
  - (5) Sailors Selection Committee (Member).
  - (6) Naval Committee or Advertising and Public Relations Media (Member).
  - (7) Training Research Committee (Member).

**HEAD OF NAVAL PERSONNEL BRANCH***(Short Title: HPB)*

28. The Head of Naval Personnel Branch is the representative of the Secretary in the office of the Second Naval Member with responsibility for providing information, advice and assistance to the Second Naval Member, Personnel Directors-General and Directors, and also members of the Naval Board and other senior officers of the Department on:

- a. the financial and departmental aspects of policy concerning pay, allowances and miscellaneous entitlements, conditions of entry, promotion, service and retirement, retirement benefits, courses of training, organisation of branches, complements and establishments numbers; and
- b. the practices and procedures necessary in the administrative application of the various facets of policy referred to in a. above, and in the performance of the Departments normal personnel administrative tasks.

29. Additionally HPB is responsible for:

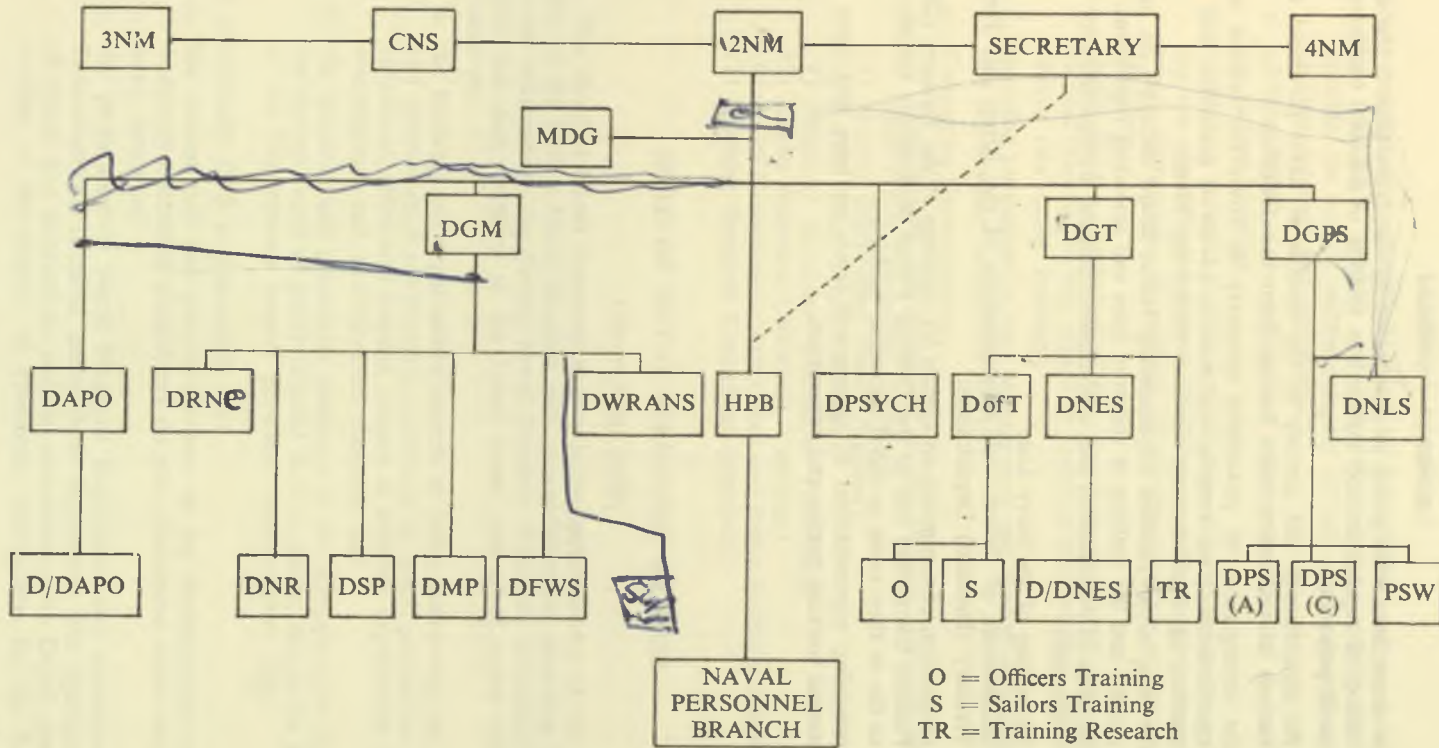
- a. the presentation and periodic reviews of the departmental estimates and budgetary control of expenditure on pay, allowances, travel and training of naval personnel;
- b. the preparation of Naval Financial Regulations and amendments thereto, Determinations required under these regulations, the continuing revision of Naval Pay Instructions and, in conjunction with DGM, the continuing revision of the Manual of Promotion Instructions for the RAN;

## ANNEX A—continued

- c. in accordance with policy as determined by the Naval Board, the administration of regulations and instructions relating to financial entitlements for naval personnel;
- d. the maintenance and custody of the records of naval personnel and the various administrative tasks flowing from this function;
- e. the arrangement of procedures necessary to cover the control of Fleet examinations, prize awards, war medals, advice of casualties, and general matters, eg, Parliamentary elections within the Fleet;
- f. the issue of instructions implementing Naval Board decisions on personnel matters and the drafting of statutory rules and amending regulations;
- g. the issue of commissions and appointments and the arrangements for Orders-in-Council;
- h. the editing of the Navy List;
- i. maintenance of liaison with representatives of the Army, Air Force and Treasury (Defence) Departments;
- j. preparation of comments on agenda for meetings of the Treasury (Defence) Finance Committee and of the Defence Forces Retirements Benefits Board, so far as they relate to naval personnel matters;
- k. providing representation at appropriate levels on inter and intra departmental working parties and committees.

ANNEX B  
ORGANISATION CHART

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