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Standing Orders for 1 Aust Radar  
Detachment.

STANDING ORDERS FOR 1 AUST RADAR DETACHMENT

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SECRET.  
COPY NO. /

These Orders are Secret and when not in actual use will be kept under lock and key. They are designed to meet all normal contingencies, but in the event of any contingencies arising not specifically covered by these Orders, and in the absence of special instructions N.C.O's must be prepared to act on their own responsibility, make a rapid appreciation ~~the~~ of the situation and act accordingly.

Amendments to these Orders may be proposed by any member of the Unit but the decision to amend will rest upon the O.C. These amendments when issued, will be specified as Permanent or temporary, and will be recorded inside the front cover of Standing Orders.

These Orders will apply to all personnel posted or attached to this Unit, temporary or otherwise, and it is the duty of the O.C. to ensure that all personnel are conversant with them, particularly in regard to their own duties. Standing Orders 1 Aust Radar Det. will be read in conjunction with those of higher formations.

The O.C. will be responsible to the Formation Cmdr. for the efficiency of stores and equipment of the Unit.

PART 1. GENERAL.

1. ORGANISATION.

(1) Strength. Unit will consist of 1 Off. and 20 OR's who will discharge their duties as laid down in Part 2.

(11) Equipment. Radar ~~is~~ C D No. 1A (Aust) Portable.

(111) ROLE. Primarily Early Warning but may be used in an emergency for Fire Control.

2. MANNING.

Set will normally be on the air during official night (15' after sunset and 15' before sunrise) and during hours of bad visibility. Set to be at 5' call at all times. Manning will consist of 4 sections of 3 with a Bdr or L/Bdr I/C, where possible 2 sections will man each day, operators doing 1 hr shifts, 1 hr set picquet and 1 hr camp picquet.

3. Preparation for Action will be carried out ~~at~~ 30' before and after official night and also before and after any period of search when the tactical situation permits. Any irregularity will be immediately reported to the Det. Sgt. or the O.C. Watches will be synchronised at least once daily.

4. Action.
- (1) A Search Arc will normally be ordered by the F.C.
  - (2) On an Indication being received it will be reported immediately to the PWSS and FC, followed as soon as possible by estimated course, bearing and speed. Readings of Bg and Rge will be passed every 15' to PWSS and FC (or BOP) until the indication is identified. The O.C. will be advised if necessary.
  - (3) On Alert being ordered the O.C. will be advised and the duty section take post. All communications manned continuously, and logs of messages maintained. Bgs., and Rges., will be passed every 5" to PWSS & BOP. If a friendly vessel is searching its Bg. and Rge. will be passed every 10'.
  - (4) On Alarm a description of the tactical situation will be given by F.C. The O.C. will be advised and with due regard to the tactical situation, he may order all personnel to take post. Spares will normally take post in weapon pits and exercise extreme vigilance in all directions. Weapons and ammunition will be carried by the man. Automatic "Blackout" and "Silence" conditions will apply. Personnel will dress in accordance with Standing Orders.
  - (5) Revert to Normal Conditions. Will be ordered by the O.C. to the Unit when the danger of the attack is considered to have passed. All personnel will return to normal conditions.

- (6) Alarm Signals. (a) Air Raid. Messages are issued by Air Defence Cmdr. (Through PWSS or F.C.)  
Messages Yellow. (Preliminary caution a/c within 28')  
Messages White. (Cancels message Yellow)  
Message Red (Attack imminent. a/c within 12')  
Message Green (All Clear)
- (b) Sea Attack (Issued by NOIC thru' PWSS, or by F.C.)  
Surface Craft: - Green Rocket, or Verey Light.  
Submarine: - Two white rockets, or WJ below red ensign.
- (c) Unit Alarms will be given by whistle by person receiving alarm. Alert (or Air Raid Yellow) will be a series of 1 second blasts for 30". ALARM (or Air Raid Red) will be a series of 10" blasts for 1 minute. Return to Normal. (or Air Raid Green) will be a series of short and long blasts alternately. Local Attack. Will be given by shouting "Bandits". Whenever possible this warning is to be given quickly by word of mouth. Note. In all cases the actual tactical situation will be advised to all ranks.

(5) MAINTAINENCE Will be divided into two parts, RAA and AEME.

- (1) RAA Maintainence will be carried out in accordance with current task tables and will cover general care & preservation.
- (2) AEME Maintainence will be carried out in accordance with DME instructions and will cover detailed mechanical and electrical checks, modifications and repairs.
- (3) Any irregularity will be reported immediately to the O.C. or Det. Sgt. The set will not be placed out of action without prior reference to the O.C.

(6) TRAINING Syllabii will be drawn up by Det. Sgt. covering all phases of both EW and FC operation, Operators will be continuously trained in this regard irrespective of the current role. Operators will be required to pass requalifying examinations Non-specialists will be tested for Proficiency Pay every 6 Months. N.C.O's will also be subject to periodical examinations. The object of all training is to enable all ranks to carry out efficiently the duties of the next superior rank should the occasion arise.

(7) SECURITY The O.C. will ensure that the attention of all ranks is periodically drawn to GRO371/44.

- (1) CENSORSHIP All outwards mail will be passed through the Orderly Room for franking. "Green" envelopes will be issued as per current instructions. Parcels must be brought to the Orderly Room open, the franking officer after checking will seal the parcel himself. Only approved souvenirs may be sent.
- (11) PHOTOGRAPHY A Unit photographer will be appointed in RO's. No other member may carry a camera without the O.C.'s permission.
- (111) Notebooks and diaries ~~xx~~ etc. may be carried but must be handed in to the orderly room should the unit move by sea. They may be returned to members on reaching the Unit's destination depending on the O.C.
- (1V) EQUIPMENT. Only personnel in the performance of their duty will be permitted near the unit equipment.

(8) DEMOLITION.

In the event of equipment being captured by the enemy, the senior present will take the following steps: -

(i) If there is a possibility of re-capture. Remove and hide N/T. 98's. If not, damage and destroy N.T/ 98's. If time permits, Thermite and T.N.T. will be used to complete the destruction of N.T. 98's and Set.

(ii) Destroy all SECRET DOCUMENTS.

(9) DRESS/

The standard of dress will be governed by the area in which the Unit is stationed. Unless otherwise ordered, it will be: -

Hats Khaki Fur felt, with brim down, chinstrap and puggaree  
(chinstrap will be dispensed with in tropical climate)½

Shirts, Military khaki (or green)½

Trousers, K.D. (or green)

Belts Waist W/E.

Anklets Web,

Boots, Ankle brown H/H.

(10) COMMUNICATIONS/

Although normally the responsibility of Signals, it may be necessary to lay and maintain Unit communications. Alternate lines will always be laid and lines must be inspected and tested regularly. A/E.M.E. Radar artificers will assist in this regard. In the event of R/T or W/T sets being available, operators will concentrate on speed with W/T as R/T. is often very limited in range by atmospherics and local terrain. Severe penalties will be inflicted on personnel found tampering with communications.

(11) LIAISON. The O/C/ will be responsible for liaison with other units or formations and will therefore be frequently absent from the Unit. The Detachment Sgt, in his absence, will assume full command of the Unit and be responsible for the efficient operation and maintenance

(12) JAMMING AND INTERFERENCE/

Immediately Jamming or Interference is detected, the operator will immediately report the fact to P.W.S.S, the F.C. and the O.C. He will use every available method to combat it and, at the first opportunity compile a report in accordance with Appendix I to these Standing Orders. This report will be forwarded through normal channels to LHQ. It must be remembered that Jamming is always done for a reason and usually indicates impending operations by the enemy.

(13) HYGIENE AND SANITATION.

Disciplinary action will be taken against any member contravening orders given in regard to hygiene and sanitation.

## PART 2 DUTIES.

1. O.C. Is in command and will be responsible to his immediate superior for-
- (1) The administration, rationing, quartering, discipline and ~~efficiency~~ <sup>efficiency</sup> of the Unit.
  - (11) The maintenance and correct functioning of Unit equipment.
  - (111) For all equipment on Unit charge.

He may delegate certain of his duties.

2. 2i/c. Will be appointed by the O.C. and will normally be the Det Sgt. He will be responsible to the O.C. for-
- (1) The correct <sup>functioning</sup> of the Unit as a Whole.

- (11) All matters appertaining to discipline.

- (111) The correct performance of the duties of all personnel posted or attached to the unit.

- (1V) The maintenance of unit records.

- (V) Training of unit personnel.

- (VI) Maintenance of all Rosters.

- (VII) Collecting personal gear etc of all personnel evacuated to Hospital etc. He will assume command in absence of O.C.

3. OFFICE BDR. Will be appointed only when necessary and will be responsible to the 2 i/c. for-

- (1) Correct functioning and efficiency of orderly room staff.

- (11) Compilation of and submission of all returns, reports and indents.

- (111) Maintaining unit records under the instructions of the 2 i/c.

- (1V) Maintaining unit Q Store.

- (V) ~~Issuing~~ Issuing of all rations, equipment, expense stores, personal clothing etc. and issuing of same.

4. CLERK. Is responsible to the Office Bdr. and will:-

- (1) Maintain Unit filing system.

- (11) Receipt and despatch of unit mail both official & private.

- (111) Assist ~~and~~ in compilation of returns, indents etc.

- (1V) When no RAP Orderly is attached will carry duties of same. He will carry out duties of Office Bdr when one is not appointed.

5. DRIVER MT. Will:-

- (1) Maintain unit MT and assist Cpl. Mech. MV with overhauls etc.

- (11) Maintain MT Records as ordered by Office Bdr.

6. HYGEINE DUTYMAN. Will:-

- (1) Be responsible for all matters appertaining to hygiene, sanitation, such as, drinking water, ablution water, drainage, malaria control, disposal of refuse etc.

- (11) Report immediately any irregularities in connection with same.

7. CANTEEN N.C.O. Will be responsible for:-

- (1) The Unit Canteen.

- (11) Amenities.

- (111) Sports.

- (1V) Education services.

- 8/ AEME RADAR. Will be responsible for:-

- (1) The maintenance of the Radar and communication equipment.

- (11) Carry out duties in accordance with Standing Orders for AEME in conjunction with manuals and instructions for the equipment on issue. Will carry out modifications as per DME Bulletins.

As senior ~~XXXX~~ AEME will supervise MV <sup>m</sup> Maintenance.

9. AEME MV. WILL:-

- (1) Be responsible for the maintenance of all ~~XX~~ <sup>MV</sup> equipt in the unit including MT. (11) Carry out duties in accordance with SOs for AEME in conjunction with manuals & instrns for the equipt on issue to the unit. Carry out mods as per DME Bulletins.

10. AACC COOK. Will:-

- (1) Carry out his duties in accordance with SOs for AACC.

- (11) Be responsible for the proper preparation of foodstuffs, hygiene of cookhouse and surroundings. (111) Supplement rations with local

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10. AACC COOK (Cnld.)

foods only as authorised be O.C.

(1V) Ensure that all waste is BURNED. All food COVERED.

.....

.....Ed Ross.....LIEUT.

O.C. 1 AUST RADAR DETACHMENT.

REPORTING OF ENEMY RADAR COUNTERMEASURES

In compliance with orders laid down by the HQ of various services, reports must be made of the occurrence of interference, jamming etc. ~~xxxxxx~~ Answers to the following questionnaire will provide a fairly complete picture of what has happened. It is suggested that in reports of any occurrence of this type, this form of report be used.

REPORTING OF ENEMY JAMMING AND INTERFERENCE

- Type of Station.....
- Frequency.....
- Station No.....
- Location. %.....
- 1. Date.....
- 2. Time Begun.....Time Ended.....
- 3. Was station completely or only partially in-operative?.....
- 4. Sketch C.R.T. screens during jamming.....

- 5. Was interference worse in one or more directions than in others? If so, give relevant bearings and times if the bearing changes.....
- 6. Were any unusual stationary echoes or target echoes visible just before jamming.....  
Range, size and bearing.....  
How were they affected.....
- 7. What was the width of the noise before jamming, and how was it affected during jamming?.....
- 8. What difference did the gain control make ?.....
- 9. What difference did the tuning control make?.....
- 10. Report any other details ~~xxxxxxxx~~ that might have been connected with jamming.....
- 11. Were any aircraft (state if hostile, unidentified, or friendly) flying within your range shortly before, during, or shortly after the period of jamming? Give Details.....
- 12. Was any shipping in vicinity? Give details.....
- 13. Was your equipment working quite satisfactorily? If not, give details.....
- 14. Was any experimental work being carried out ~~in~~ locally or were there any new Radar sets in the vicinity? If so, give details.....
- 15. What was the effect of turning off the "beam-swinging" or "lobe-switching" ?..... %
- 16. What sound was heard when listening ~~with hand~~ with head-phones?....