

ROYAL OBSERVER CORPS - POSTS  
CREW OPERATING PROCEDURES  
NO 1 OBSERVER - "STAND TO" PERIODS

## COMMUNICATIONS

1. Check Carrier Receiver hourly (Part F Section 9.1 para 5).
2. If a Master Post, test the radio link with the Control at 0300, 0900, 1500 and 2100 hours.
3. Ten minutes before these specified times, instruct No 2 and 3 Observers to extend mast.
4. Connect aerial feeder cable and connect power supply to radio set.
5. At the specified times, listen out for radio test.
6. On completion of test instruct No 2 and 3 Observers to disconnect aerial feeder and power supply, and retract and lower mast.

## SYNCHRONISATION OF TIME

7. Request time check from Control on first taking over duty and instruct No 2 Observer to continue daily synchronisation of time (Part F Section 9.2 paras 9 and 10).

## OPERATIONAL INSTRUMENTS

8. Instruct No 3 Observer to commence routine changes of GZI papers on receipt of instruction from the Post Display Plotter or the Master Post (Part F Section 9.1 para 7).
9. Instruct No 3 Observer to carry out routine check procedures on BPI and RSM (Part F Section 9.1 paras 6 and 9).
10. Instruct NO 2 Observer to carry out routine checks on FSM (Part F Section 9.1 para 8).
11. If a Master Post, control the routine changes of GZI papers within the Cluster in the event of a communications loss to Control (Part F Section 9.1 para 7).

## INDIVIDUAL DOSIMETERS

12. Carry out routine check of all dosimeters at 1200 daily until the arrival of fallout so as to ensure that there has been no 'drift' away from zero due to leakage; reset to zero if necessary.

## FOOD AND WATER SUPPLIES

13. Carry out the following preparations:
  - a. Allocate water in plastic containers (30 galls) for drinking purposes and prepare water rationing scheme to cover contingency period of 21 days.

b. Allocate water in remaining containers (40 galls) for cleansing and decontamination purposes and prepare water rationing scheme to cover contingency period of 21 days.

c. Check food supply and list quantities of each item.

d. Prepare food rationing scheme to cover contingency period of 21 days.

#### ROCMET

14. At designated Posts instruct No 3 Observer to commence ROCMET observations.

#### SUPMET

15. At other Posts instruct No 3 Observer to commence SUPMET observations.

#### POST DIARY

16. Enter details and results of checks on operational instruments and dosimeters; enter also details of time checks received and any alterations (plus or minus) made to the clock or watch.

#### REFERENCES

- |     |          |   |
|-----|----------|---|
| 17. | Annex A  | Instructions for writing/speaking information |
|     | Annex D  | Post Diary                                    |
|     | Annex E  | Radiac Dose Record                            |
|     | Annex H  | Radio Procedures                              |
|     | Annex K1 | ROCMET  |
|     | Annex K2 | SUPMET  |
|     | Annex L1 | The Bomb Power Indicator                      |
|     | Annex L2 | The Ground Zero Indicator                     |
|     | Annex L3 | The Fixed Survey Meter                        |
|     | Annex L5 | The Radiac Survey Meter                       |
|     | Annex L7 | The Individual Dosimeter                      |
|     | Annex L8 | The Charging Unit                             |
|     | Annex Q  | Post Ventilation                              |

ROYAL OBSERVER CORPS - POSTS  
CREW OPERATING PROCEDURES  
NO 2 OBSERVER - "STAND TO" PERIODS

## COMMUNICATIONS

1. Maintain continuous contact with the Control by manning the loudspeaker telephone.
2. If a Master Post, on instruction from No 1 Observer, assist No 3 Observer to:
  - a. Raise the mast on the mast mounting bracket.
  - b. Fit the guy ropes to the anchorage points.
  - c. Extend mast by operating the pump in the monitoring room.

On completion of test:

- a. Retract mast.
- b. Assist No 3 Observer to lower mast to ground.

## OPERATIONAL INSTRUMENTS

3. Carry out routine checks of Fixed Survey Meter (Part F Section 9.2 para 5).

## ROCMET

4. At designated Posts complete the ROCMET log and report to the Post Display Plotter on receipt of the Observation form from No 3 Observer.

## SUPMET

5. At other Posts complete the SUPMET log and pass the SUPMET report to the Post Display Plotter on receipt of the Observation form from No 3 Observer.

## POST STATE REPORT

6. Inform the Post Display Plotter of any changes in the number of Observers on duty.

## REFERENCES

7. Annex A Instructions for writing/speaking information
- Annex B The Loudspeaker Telephone
- Annex G Assembly and Operation of Post Radio Equipment
- Annex K1 ROCMET
- Annex K2 SUPMET
- Annex L3 The Fixed Survey Meter
- Annex Q Post Ventilation



ROYAL OBSERVER CORPS - POSTS  
CREW OPERATING PROCEDURES  
NO 3 OBSERVER - "STAND TO" PERIODS

## COMMUNICATIONS

1. If a Master Post, on instruction from No 1 Observer, assisted by No 2 Observer:

- a. Raise mast on mast mounting bracket.
- b. Attach guy ropes to anchorage points.
- c. Watch mast as it extends.

On completion of test:

- a. Check mast as it retracts.
- b. Detach guy ropes from anchorage points.
- c. Lower mast to ground.

## OPERATIONAL INSTRUMENTS

2. Carry out the following tasks associated with operational instruments:
- a. GROUND ZERO INDICATOR: Commence routine change of papers. (Part F Section 9.3 para 4).
  - b. BOMB POWER INDICATOR: Commence check procedures. (Part F Section 9.3 para 5).
  - c. RADIAC SURVEY METER: Commence check procedures. (Part F Section 9.3 para 6).

## FOOD AND WATER SUPPLIES

3. Carry out the following preparations:
- a. Check water supplies and replenish if possible.
  - b. Check cooking facilities and study instructions to become familiar with methods of use.

## ROCMET

4. At the designated Posts commence ROCMET Observations and pass the Observation form to No 2 Observer.

## SUPMET

5. At other Posts commence SUPMET Observations and pass the Observation form to No 2 Observer.

PETROL ELECTRIC SET

6. Operate Petrol Electric Set and charge lighting battery (and radio battery, where appropriate):

- a. Initially at 12 amps for 2 hours.
- b. At 1000 hours on each alternate day at 12 amps for 2 hours.

REFERENCES

7. Annex F The Petrol Electric Set
- Annex G Assembly and Operation of Post Radio Equipment
- Annex K1 ROCMET
- Annex K2 SUPMET
- Annex L1 The Bomb Power Indicator
- Annex L2 The Ground Zero Indicator
- Annex L5 Radiac Survey Meter
- Annex Q Post Ventilation
- Annex R Post Ration Packs and Cooking