

ROYAL OBSERVER CORPS - POSTS

CREW OPERATING PROCEDURES

NO 1 OBSERVER - AT ATTACK WARNING 'RED'

COMMUNICATIONS

1. The Attack Warning RED will reach the Post via the Carrier Receiver or from the Post Supervisor, via the Post Display Plotter.
2. Warning from the Carrier Receiver:
 - a. Immediately before the transmission of the warning, an alert signal followed by an alarm signal, both of 6 seconds duration, will be heard.
 - b. This will be followed by the words "ATTACK WARNING RED" spoken 3 times, after which there will be a high-pitched interrupted tone for approximately 4 seconds, followed by a slightly lower pitched steady tone, of one minute duration, interrupted at 4-second intervals.
 - c. The whole sequence described in a and b above will be repeated twice.

OPERATIONAL INSTRUMENTS

3. Instruct No 3 Observer to sound RED warning and close the Post.
4. If a routine change of GZI paper is due (or at ROCMET Posts, if meteorological observations are due), consult with, and accept instructions from the Control (or Master Post if out of communication with the Control).
5. If a Master Post, out of communication with the Control, decide whether it is necessary to carry out a routine change of GZI papers if this is due. This decision will depend upon the length of time since the last change and the brightness of the light during this period.
6. If a Master Post with ROCMET responsibilities, out of communication with the Control, suspend outside observations. Suspend SUPMET observations at other Posts in the Cluster.

RADIO

7. If a Master Post:
 - a. Radio testing, if in progress, is to cease immediately.
 - b. Instruct No 2 and No 3 Observers to retract mast.
 - c. Disconnect power supply and aerial feeder cable from radio set.

POST DIARY

8. Enter details of any messages received, decisions made and actions taken.

REFERENCES

- 9. Annex D The Post Diary
- Annex G Assembly and Operation of Post Radio Equipment
- Annex K1 ROCMET
- Annex K2 SUPMET
- Annex L2 The Ground Zero Indicator
- Annex P The Carrier Receiver
- Annex Q Post Ventilation

ROYAL OBSERVER CORPS - POSTS

CREW OPERATING PROCEDURES

NO 2 OBSERVER - AT ATTACK WARNING 'RED'

COMMUNICATIONS

1. Maintain continuous contact with the Post Display Plotter by manning the Loudspeaker Telephone.
2. The Attack Warning RED will reach the Post via the Carrier Receiver or from the Post Supervisor, via the Post Display Plotter.
3. Warning from the Control:
 - a. The Post Display Plotter will say the Group name, the number(s) of the Post(s) concerned, followed by the word POST(S).
 - b. The words "STAND BY FOR MESSAGE, OVER".
 - c. A pause during which Post(s) are called to acknowledge in numerical order by saying the Group name, the Post number, followed by the words POST OVER.
 - d. The Post Display Plotter will then say the words "ATTACK WARNING RED".
 - e. The words "MESSAGE ENDS, OVER".
 - f. A pause during which the Post(s) concerned are to acknowledge in numerical order by saying the Group name, the Post number, followed by the words "POST, THANK YOU, OUT", or to ask for a repeat if necessary.

EXAMPLE: Plotter: HORSHAM, TEN, ELEVEN, TWELVE POSTS: STAND BY FOR MESSAGE, OVER.

Posts: HORSHAM TEN POST OVER, HORSHAM ELEVEN POST OVER, HORSHAM TWELVE POST OVER.

Plotter: ATTACK WARNING RED. MESSAGE ENDS. OVER.

Posts: HORSHAM TEN POST. THANK YOU. OUT.
HORSHAM ELEVEN POST. THANK YOU. OUT (or HORSHAM ELEVEN POST, PLEASE REPEAT, OVER).
HORSHAM TWELVE POST. THANK YOU. OUT.

(After the repeat, Eleven Post will acknowledge as above).

4. Radio:

Assist No 3 Observer to retract the radio mast and lower the mast to the ground without dismantling and without disconnecting hose and aerial feeder cable.

OPERATIONAL INSTRUMENTS

5. As soon as the Attack Warning RED is received from whatever source, take action as under:

a. Fixed Survey Meter:

- (1) Switch on the FSM.
- (2) Observe the check sequence.
- (3) Check that the FSM reads 0.0 at the end of the check sequence.
- (4) Leave the FSM switched on.
- (5) Pass the following message to the Post Display Plotter:

HORSHAM TEN POST, OVER - (Plotter repeats HORSHAM TEN POST, OVER) -
FSM ON, OVER - (Plotter will repeat the message as an acknowledgement replacing OVER with the word OUT).

- (6) Commence and maintain continuous watch on FSM.

b. Bomb Power Indicator. Commence and maintain continuous watch on BPI.

REPORTING TIME CYCLE

6. The five-minute reporting time cycle will be brought into use on instructions from the Duty Officer, at Attack Warning RED or, in any case, before fallout affects the Group. However, readings will only be called for every ten minutes.

7. The reporting time cycle will normally be controlled by automatic tones as follows:

a. On hearing a short ^{PIP.} tone (at $\frac{1}{2}$ minute before the end of a five-minute period), stand by to read the FSM.

b. On hearing a long ^{PIP} tone (at the end of a five-minute period):

- (1) Read the FSM and log the reading.

(2) At the even five-minute intervals, wait until the Post Display Plotter calls the Group name and Post number followed by the words POST OVER.

- (3) Make the appropriate report (Part F Section 6.2 paras 4, 5 and 6.

8. If the automatic tone should fail the reporting time cycle will be controlled verbally by the Post Display Plotter:

a. At $\frac{1}{2}$ minute before the end of a five-minute period, the Plotter will say the Group name and Cluster numbers, followed by the words CLUSTERS STANDBY ~~OUT~~ Do not acknowledge the call. Stand by to read the FSM.

b. At the end of a five-minute period, the Plotter will say the Group name and Cluster numbers, followed by the words CLUSTERS READ (or CLUSTERS READ OUT at the odd five-minute intervals). Do not acknowledge the call. Read the FSM and log the reading.

c. At the even five-minute intervals, wait until the Plotter says the Group name and Post number, followed by the words POST, OVER, then make the appropriate report (Part F Section 6.2 paras 4, 5 and 6).

9. Whichever method is in use, the Post Display Plotter will acknowledge reports collectively from the Cluster after receiving the last reading by saying THANK YOU, OUT.

REFERENCES

10. Annex A Instructions for writing/speaking information
- Annex B The Loudspeaker Telephone
- Annex C Post Log
- Annex G Assembly and operation of Post Radio Equipment
- Annex L3 The Fixed Survey Meter
- Annex P The WB1400 Carrier Receiver
- Annex Q Post Ventilation

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ROYAL OBSERVER CORPS - POSTS

CREW OPERATING PROCEDURES

NO 3 OBSERVER - AT ATTACK WARNING RED

OPERATIONAL INSTRUMENTS

1. As soon as the Attack Warning RED is received, from whatever source, on instruction from No 1 Observer, take action as under:

a. Hand Operated Siren:

- (1) Fit handle to siren.
- (2) Sound RED Warning.
- (3) Reverse handle and take complete siren below ground.
- (4) Close the Post.

b. Ground Zero Indicator:

- (1) Put on light-proof satchel containing spare set of loaded cassettes.
- (2) If a routine change of papers is due, (or at ROCMET Posts, if meteorological observations are due), follow any instructions given by No 1 Observer.

COMMUNICATIONS

2. On instructions from No 1 Observer, if radio testing is in progress, and assisted by No 2 Observer:

- a. Retract the radio mast.
- b. Lower the mast to the ground without dismantling it and without disconnecting hose and aerial feeder coaxial cable.
- c. Advise No 1 Observer when actions complete.

REFERENCES

3. Annex G Assembly and operation of Post Radio Equipment
- Annex L2 The Ground Zero Indicator
- Annex L9 The Hand-Operated Siren
- Annex Q Post Ventilation

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