

## ROYAL OBSERVER CORPS - POSTS

## CREW OPERATING PROCEDURES

NO 1 OBSERVER - AT FALLOUT WARNING "BLACK"  
 OR ON ARRIVAL OF FALLOUT

## CARRIER RECEIVER

1. a. Be prepared to receive messages transmitted over the Carrier Receiver.
    - b. Immediately before the transmission of the warning an alert signal, of approximately 6 seconds duration, will be heard.
    - c. On receipt of this signal listen carefully to the subsequent spoken message, adjusting the volume if necessary.
    - d. The message will commence with the words "FALLOUT WARNING BLACK".
    - e. This will be followed by the name and number(s) of the warning district(s) to which the BLACK Warning applies.
- EXAMPLE: FALLOUT WARNING BLACK - MAIDSTONE - 20, 21.
- f. This message will be spoken 3 times.
2. a. If a Fallout Warning BLACK is received which does NOT contain the name and number of the warning district shown on the Carrier Receiver, enter the message in the Post Diary but take no further action.
    - b. If the warning message contains the name and number of the warning district shown on the Carrier Receiver carry out tasks detailed in paras 3, 4 and 5.

## FALLOUT WARNING MAROON

3. Instruct No 3 Observer to take prepared maroon outside the Post and prepare for firing, and assist him with the preparations.
4. When preparations are completed instruct No 3 Observer to fire the maroon.
5. Ensure that No 3 Observer closes hatch on completion.

## OPERATIONAL INSTRUMENTS

6. Bomb Power Indicator and Ground Zero Indicator. If further bursts occur carry out the appropriate tasks (Part F Section 3.1).

## ARRIVAL OF FALLOUT

7. When informed by No 2 Observer that the FSM reading has risen to 0.3 cGy/h and no fallout warning BLACK has been received, carry out the tasks as detailed in paras ~~3-4~~.

3-4

## POST DIARY

8. Record all decisions and actions taken (eg, particularly the sounding of the BLACK warning with the maroon, if no BLACK warning has been received over the Carrier Receiver or from the Post Display Plotter).

## REFERENCES

- 9. Annex D Post Diary
- Annex L1 The Bomb Power Indicator
- Annex L2 The Ground Zero Indicator
- Annex L10 The Fallout Warning Maroon
- Annex P The Carrier Receiver
- Annex Q Post Ventilation

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## CREW OPERATING PROCEDURES

NO 2 OBSERVER - AT FALLOUT WARNING "BLACK"  
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## COMMUNICATIONS

1. Maintain continuous contact with the Post Display Plotter by manning the Loudspeaker Telephone.

## OPERATIONAL INSTRUMENTS

2. Fixed Survey Meter. Maintain continuous watch and make reports when called for by the reporting time cycle (Part F, Sect 2.2 paras 6-9).
3. Bomb Power Indicator and Ground Zero Indicator. If further bursts occur, carry out the appropriate tasks (Part F, Sect 3.2).

## ARRIVAL OF FALLOUT

4. When the reading displayed on the FSM first rises to 0.1 cGy/h, note the time.
5. Pass a FIRST FALLOUT report to the Control whether a fallout warning BLACK has been received or not:
  - a. Say the word "FIRST FALLOUT" followed by the Group name, the Post number and the words POST, OVER.
  - b. Release transmit button of loudspeaker telephone and pause to allow the Post Display Plotter to repeat the Group name, the Post number, followed by the words POST, OVER.
  - c. Say the time of the first fallout and the word OVER.
  - d. Release transmit button and pause while the Post Display Plotter says "THANK YOU, OUT" as an acknowledgment.
  - e. In the Post Log enter in the FSM section:
    - (1) Under "Time" - the time at which the reading displayed on the FSM first rose to 0.1 cGy/h.
    - (2) Under "Dose Rate" - the words FIRST FALLOUT .
    - (3) Under "Time Report Made" - the time report made to the Control.
- EXAMPLE: FIRST FALLOUT HORSHAM TEN POST OVER (Plotter repeats "HORSHAM TEN POST OVER") THIRTEEN THIRTY TWO, OVER. (Plotter says "THANK YOU",OUT).
6. If fallout is first detected during the collection of even 5-minute readings, note time of detection and make the FIRST FALLOUT report as soon as the Plotter has acknowledged receipt of the even 5-minute readings.

7. a. If fallout is first detected during a period of land-line failure, enter in the FSM section of the Post Log:
- (1) Under "Time" - the time at which the readings displayed on the FSM first rose to 0.1 cGy/h.
  - (2) Under "Dose-Rate" - the words "First Fallout".
  - (3) Under "Time Report Made" - the letters "NR" (not reported) at the left-hand end of the space provided.
- b. Make the FIRST FALLOUT report, either to the Control or the Master Post, as soon as communications are restored with one or the other. (If communications are simultaneously restored, make the report to the Control). In the Post Log, enter in the FSM section under "Time Report Made", to the right of the letters NR, the time the report was made to the Control.
8. If the reading displayed on the FSM rises to 0.3 cGy/h and no fallout warning BLACK has been received, inform No 1 Observer.

## REFERENCES

9. Annex A Instructions for writing/speaking information  
Annex B The Loudspeaker Telephone  
Annex C Post Log  
Annex L1 The Bomb Power Indicator  
Annex L2 The Ground Zero Indicator  
Annex L3 The Fixed Survey Meter  
Annex P The Carrier Receiver  
Annex Q Post Ventilation

ROYAL OBSERVER CORPS - POSTS

CREW OPERATING PROCEDURES

NO 3 OBSERVER - AT FALLOUT WARNING "BLACK"  
OR ON ARRIVAL OF FALLOUT

FALLOUT WARNING MAROON

1. On instructions from No 1 Observer take prepared maroon outside the Post and prepare for firing.
2. Fire the maroon when instructed to do so by No 1 Observer .

OPERATIONAL INSTRUMENTS

3. Ground Zero Indicator. If further bursts occur, carry out the appropriate tasks (Part F Section 3.3)

REFERENCES

4. Annex L2 The Ground Zero Indicator  
Annex L10 The Fallout Warning Maroon  
Annex Q Post Ventilation

(1)

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(3)

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