

**COIN-BOX INSTALLATIONS****Inspection and Overhaul of Telephone Equipment**

[Maintenance Routine Instruction (M.R.I.) No. S 203]

*NOTE:—As this Instruction has been completely revised, individual paragraphs have not been "starred"*

**1. General.**—This Instruction gives details of the inspection and overhaul of all telephone apparatus (except coin-collecting boxes and relays) fitted on call office installations.

**2. Telephone cradle switch.**—Check the operation of the cradle switch. If there is any tendency for the plunger to stick it should be cleaned in accordance with TELES., Stations, A 5252. Broken plungers should be changed.

**3. Telephone cradle.**—Check that the cradle is securely fixed. If it is found to be loose, spring washers should be fitted in accordance with TELES., Stations, A 5252. Broken cradles should be changed.

**4. Dial or dummy dial.**—Check that the dial, or dummy dial, is clean and neat in all respects and securely fixed. The number plate should be cleaned, or renewed if the numbering is illegible. The dial label and its celluloid protector should also be cleaned or renewed if necessary. See TELES., Stations, A 5102.

**5. Receiver.**—Check that the faces of the pole-pieces are clean. The diaphragm should be changed if it is buckled or rusty.

**6. Transmitter.**—Wipe the mouthpiece clean and check that a "Transmitter, Inset, No. 13" is fitted. The inset should be changed if it is noisy, if it is corroded or if the paint is peeling.

**7. Protector.**—(*NOTE:—Protectors are required only on circuits which include an overhead section of line.*) If a protector is provided, examine it and check that "Protector-electrodes No. 1B" are fitted. If heat coils are found to be causing noise they may be removed and replaced by a wiring strap, or the springs may be straightened and clamped under the central pillars.

References:—TELES., Stations, A 5102, A 5252  
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**8. Instrument cords.**—Examine instrument cords for wear, fraying of the outer coverings and breaks in the conductors. Faulty cords or cords which are suspect should be changed.

**9. Wallboards.**—Inspect wallboards for damage, particularly for damage by woodworm (furniture beetle). Damaged wallboards should be reported to the Maintenance Control for attention under the A 846 or A 496 procedure.

**10. Notice frames.**—Clean notice frames if necessary, using a dry rag. If they are damaged beyond repair or badly corroded they should be maintenance exchanged.

**11. Notice frame glasses** ("Glasses No. 49, 50 and 51") should be replaced if broken.

**12. Defaced or faded notices** should be reported to the Maintenance Control.

**13. Directories.**—Replace directories if they are missing, dirty or otherwise unrepresentable, or out of date.

**14. Plan No. 5 E.**—If the call office is associated with a Plan No. 5E, check the operation of the buzzer.

(a) *Equipment using "Relay and Key No. 2".*—Check that the buzzer sounds when the call-office handset is off the rest, and the counter key is operated to COUNTER.

(b) *Equipment using "Lamp Unit No. 602."*—Check that the buzzer sounds and the supervisory lamp lights when the call-office handset is off the rest, and the SPEAK EXCHANGE button is operated. Check that the buzzer ceases to sound when the BUZZER CUT-OFF key is depressed.

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