

POST OFFICE ENGINEERING DEPARTMENT

Works Specification TP 311Field trial of Handset Moulding Material and Transmitter Carbon

1. General. The Engineering Department wish to test some samples of handset moulding material and various types of transmitter carbon under field conditions. A number of complete handsets to be known as Handsets No. 11 are being manufactured in various combinations of materials and carbons and in order to subject them to heavy use it has been decided to test them in Pay-on-Answer coin boxes.

The handsets include cords with steel conductors to reduce the chance of loss by theft.

24000 will be fitted by manufacturers to new production Boxes coin collecting No. 705 and 5000 will be supplied as maintenance spares.

The Supplies Department have been requested to supply handsets in lieu of cords No. 4/103 AW. should stocks of the latter be exhausted.

2. Types of Carbon and Materials. The handsets will be made up the following quantities using Carbon and Handset materials as follows:-

Qty.	Type of Carbon	Marking on Transmitter	Type of Moulding Material	Marking in Transmitter Cavity
9000	Morganite pre aged NA 68 D0	TP 311A	Black Polycarbonate type 3000	21
10000	Ericssons	TP 311B	Black Polycarbonate type 3000	21
5000	Ericssons	TP 311B	Black Polycarbonate UE 7065	21 9
5000	Standard Morganite TG 68 D0	TP 311C	Green Polycarbonate UE 7065	21 0

3. Each Handset or BCC 705 fitted with a Handset No. 11 will be accompanied by a special two part card which should be dealt with in accordance with EI Files Gen. D 6028. The cards however will not bear serial numbers.

4. Should a fault develop on the handset the following action should be taken.

Faulty Part	Action
Receiver Inset No. 4T and/or Rectifier Element No. 205 and unmarked transmitters.	Change for new part. No special action required for recovered item.
Missing or Broken moulded field trial part and/or Cord Instrument 4/103 AW including adaptor No. 29A.	Replace with new handset No. 11 or Handset No. 3, Card Inst. 4/88 AK and rectifier element No. 205. Return handset to old stock quote the handset code number to the Maintenance Control to enable the E-in-C 594 to be completed.

Faulty Part	Action
Transmitter Inset No. 16 Marked TP 311A, B, or C	Replace with normal transmitter No. 16. Return field trial item to old stock. Quote the transmitter code marking to the maintenance control to enable the E-in-C 594 to be completed.

5. The trial should begin as soon as the stores are received.
6. The ED will advise the date the trial should end.
7. Any correspondence relative to this trial unless otherwise directed should
be sent to TPM 2/2 Procter House 100 110 High Holborn W.C.1.
8. Any telephone queries relative to this specification may be addressed to
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