

REPAIR SERVICE DESK CIRCUITS

1. GENERAL

- 1.01 This section covers the detailed method to be followed in making transmission tests on repair service desk circuits in step-by-step offices.
- 1.02 Information covered in this section of practices is outlined in the following table:
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- 1.03 Reference should be made to Section K20.01 for general testing methods and to Section K20.11 for general testing apparatus requirements.

2. OPERATORS' TELEPHONE CIRCUITS

- 2.01 These circuits are tested at the repair service desk.
- 2.02 The operator's telephone circuit is picked up for test at the line terminals on the terminal strip inside the desk.
- 2.03 Figure 1 shows schematically the connections for the test.

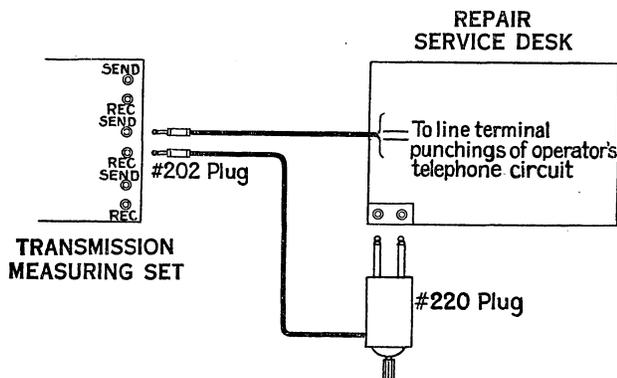


Figure 1

Preliminary Connections

- 2.04 Connect the sending terminals of the transmission measuring set to the line terminals of the operator's telephone circuit on the terminal strip inside of the repair service desk.
- 2.05 Insert the No. 220 plug in the telephone set jack associated with the position under test with the key of the plug in the normal position.

Testing Procedure

- 2.06 On the transmission measuring set connect the sending "T" and "R" terminals, respectively, to the receiving "T" and "R" terminals.

Note: When a transmission measuring set of the No. 3 type is used, these connections are made through the jack contacts of the set when the dummy plug is removed from a jack other than the one to be used in this test.

- 2.07 Measure the transmission loss.

Note: This will be the loss of the operator's telephone circuit in the bridged talking condition.

- 2.08 Remove the strapping between the sending and receiving "T" and "R" terminals of the transmission measuring set.

- 2.09 Insert the No. 202 plug associated with the No. 220 plug in the receiving jack of the transmission measuring set.

- 2.10 Operate the key of the No. 220 plug to the T position.

- 2.11 Measure the transmission loss.

Note: This will be the loss of the operator's telephone circuit in the transmitting condition.