

"A" SWITCHBOARD SUPERVISORS' TELEPHONE CIRCUITS

1. GENERAL

- 1.01 This section covers the detailed method to be followed in making transmission tests on "A" switchboard supervisors' telephone circuits in step-by-step offices.
- 1.02 Reference should be made to Section K20.01 for general testing methods and to Section K20.11 for general testing apparatus requirements.

2. TESTING METHOD

- 2.01 Connections to the line side of the "A" switchboard supervisors' telephone circuit should be made from the switchboard jacks.
- 2.02 Figure 1 shows schematically the connections for the test.

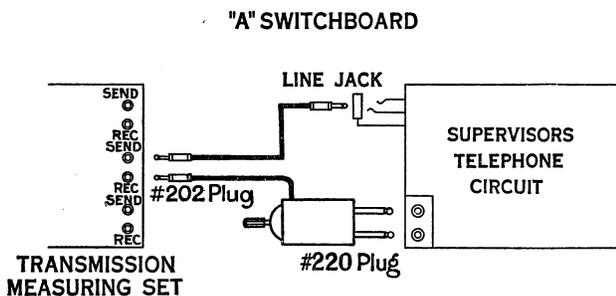


Figure 1

- 2.03 At a position of the supervisor's section which will include all of the multiple wiring, insert a No. 220 plug in the supervisor's telephone set jack with the key of the plug in the normal position.

- 2.04 Connect the sending jack of the transmission measuring set to a line jack of the supervisor's telephone circuit under test by means of a double ended patching cord equipped with plugs of the type suited to the jacks of the switchboard.
- 2.05 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 a dummy plug is removed from a jack other than the one to be used in this test.

- 2.06 Measure the transmission loss.

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

- 2.07 Remove the strapping between the sending and receiving T and R terminals of the transmission measuring set.
- 2.08 Insert the No. 202 plug associated with the No. 220 plug in the proper type receiving jack of the transmission measuring set.
- 2.09 Operate the key of the No. 220 plug to the T position.
- 2.10 Measure the transmission loss.

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