

PRACTICE CIRCUIT

TELETYPEWRITER SWITCHBOARD NO. 1

1. GENERAL

1.01 This section describes tests of the practice circuit used in the teletypewriter switchboard No. 1

2. APPARATUS

2.01 Test Circuit for Cord and Position, SD-63488-011, Fig. 1, (J66121AH).

2.02 SR Control Test Set, SD-63488-011, Fig. 2, (J64710A).

2.03 Two No. 710 or P3F Cords equipped with a No. 310 Plug at one end and a No. 309 Plug at the other end.

2.04 No. 711 or P3D Cord equipped with No. 309 Plugs.

3. METHOD

3.01 Connect the C and D jacks of the SR control test set to the C and D jacks, respectively, of the testing circuit. The lamp in the SR control test set should light when the C jack of the SR control test set is connected to the C jack of the test circuit.

3.02 Test for +48 Volts on Ring: Connect the jack of an idle practice circuit to the A jack of the test circuit using a No. 711 or P3D cord. The lamp in the SR control test set should be extinguished.

3.03 Disconnect Test: Operate the A key and then the E key in the SR control test set. The supervisory lamp in the practice circuit and the pilot lamp should light.

3.04 Busy Condition Test: Touch the tip of a plug of an idle cord circuit to the sleeve of the A jack of the test circuit at a multiple appearance. The position busy test lamp should light and the buzzer should operate as long as the plug tip is in contact with the jack sleeve. Operate the associated typing key and insert the plug of the cord into the multiple appearance of the A jack. The cord supervisory lamp should flash.

3.05 Remove the plug of the cord circuit from the multiple appearance of the A jack of the test circuit. The cord supervisory lamp should be extinguished.

3.06 Restore the A and E keys in the SR control test set. The supervisory lamp in the practice circuit and pilot lamp should be extinguished.

3.07 Restore all circuits to normal. The lamp in the SR control test set will be extinguished.

4. REPORTS

4.01 The required record of this test should be entered on the proper form.