

INTERTOLL TRUNK CIRCUITS
TELETYPEWRITER SWITCHBOARD NO. 5

1. GENERAL

1.01 This section describes an overall operation test of the intertoll trunk circuits associated with teletypewriter switchboard No. 5.

1.02 This test requires two persons, one at the testboard and one at the distant end.

2. APPARATUS

2.01 Test Trunk Circuit SD-70105-01.

3. METHOD

3.01 Connections: Communicate with the switchboard operator and request that the plug of the test trunk circuit be inserted into the jack of the circuit to be tested.

3.02 The GUARD lamp associated with the test trunk circuit at the testboard should light when the plug of the test trunk circuit at the switchboard is inserted into the jack of the circuit under test. Connect the testboard teletypewriter to the TTY jack of the test trunk circuit.

Note: Should a call be originated on the circuit under test, before the connection has been established to the TTY jack, the TWX lamp associated with the test trunk circuit will light.

3.03 Transmitting a Calling Signal: Operate the BREAK key of the testboard teletypewriter for approximately 2 seconds. The TWX lamp of the test trunk should light approximately 1 second after the BREAK key is operated and is extinguished when the BREAK key is restored.

3.04 Transmitting Teletypewriter Signals: When the distant end answers the call, signals should be received on the testboard teletypewriter, indicating that the distant end is on the line. Operate the testboard teletypewriter in acknowledgment of the signals and inform the distant end that this is a test call and to report any irregularities in the operation of the circuit under test.

3.05 Receiving a Recall Signal: Request the distant end to send a recall signal. The TWX lamp associated with the test trunk circuit should light approximately 1 second after beginning of the recall signal and remains lighted for approximately 6 seconds.

Note: In connection with the receiving or transmitting of a recall or disconnect signal, the teletypewriter runs "open" during the duration of the signal.

3.06 Transmitting a Recall Signal: Operate the RCL key or operate the BREAK key of the testboard teletypewriter for approximately 7 seconds. The TWX lamp associated with the test trunk circuit should light approximately 1 second after beginning of the signal and remain lighted for approximately 6 seconds.

3.07 Receiving a Disconnect Signal: Request the distant end to send a disconnect signal and to call back on the circuit shortly thereafter. Upon receipt of the disconnect signal, the TWX lamp associated with the test trunk circuit should light approximately 1 second after beginning of the disconnect signal and remain lighted for approximately 9 seconds.

3.08 Receiving a Calling Signal: When the distant end calls back the TWX lamp associated with the test trunk circuit will light momentarily.

3.09 Transmitting a Disconnect Signal: Operate the DIS key or operate the BREAK key of the testboard teletypewriter for approximately 10 seconds. The TWX lamp associated with the test trunk circuit should light approximately 1 second after beginning of the signal and remain lighted for approximately 9 seconds.

3.10 Disconnection: Communicate with the switchboard operator and request that the plug of the test trunk circuit be removed from the jack of the circuit under test. The GUARD lamp associated with the test trunk circuit should be extinguished. Disconnect the testboard teletypewriter from the TTY jack associated with the test trunk.

4. REPORTS

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