

INTERTOLL TRUNK RELAY CIRCUIT  
TELETYPEWRITER SWITCHBOARD NO. 5

1. GENERAL

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

2. APPARATUS

- 2.01 Test Trunk Circuit SD-70105-01.  
2.02 No. 116 Plug.  
2.03 P2A Cord 6 feet long equipped with No. 347A Plugs (J99212A-L7) (as required).

3. METHOD

3.01 Connect the testboard teletypewriter to the LIST jack of the telegraph loop terminal circuit associated with the circuit to be tested, in order to ascertain that the circuit is idle. If the circuit is idle, operate the SHORT LOOP and DROP 2 keys of the telegraph test circuit.

Note: In offices where the SHORT LOOP and DROP 2 keys are not available, connect the CUT jack to the LPG2 jack, using a P2A cord. Connect the testboard teletypewriter to the DROP 2 jack.

3.02 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, when the associated line lamp is lighted.

Note: If the circuit under test has been taken out of service or made-busy, the out-of-service condition should be removed before proceeding with the test.

3.03 Send a calling signal by operating the BREAK key of the teletypewriter for approximately 2 seconds. This interval should not be less than 1 second. The GUARD and TWX lamps 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. This will indicate that the lamp associated with the circuit under test was lighted at the switchboard.

3.04 Insert a No. 116 plug into the TTY jack of the test trunk circuit. The TWX lamp should be extinguished.

3.05 Operate the BREAK key of the testboard teletypewriter. The TWX lamp associated with the test trunk circuit should light in approximately 1 second. Restore the BREAK key to normal. The TWX lamp should be extinguished.

3.06 Disconnect from the telegraph loop terminal circuit and remove the No. 116 plug from the TTY jack of the test trunk circuit.

3.07 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 at the testboard should be extinguished when the plug of the test trunk circuit has been removed.

4. REPORTS

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