

PEG COUNT CIRCUITS NO. 1 TOLL OFFICE

1. GENERAL:

- 1.1 This routine provides for an operation test of peg count circuits.
- 1.2 The tests described are as follows:
 - (a) Peg Count Circuit at Switchboard.
 - (b) Peg Count Circuit at Chief Operator's Desk.

2. APPARATUS:

Test (b):

- 2.1 Operator's Telephone Set.
- 2.2 No. 528 Receiver equipped with No. 137 Plug and No. 87 Cord.
- 2.3 No. 1-A Peg Count Checking Set.

3. METHOD:

(a) Peg Count Circuit at Switchboard:

- 3.1 Read the register and record reading.

Note: To insure against discrepancy in readings due to an operator operating a register key, each register should be tested before reading the next one.
- 3.2 Operate the peg count key ten times.
- 3.3 Inspect the key for loose or broken button by pulling on the key button.
- 3.4 Upon completion of test of the peg count key, check reading on the register connected to the key with record previously taken. The register should have recorded the exact number of times its associated peg count key was operated. Any register not showing an increase equal to the number of key operations indicates improper operation of the circuit.

(b) Peg Count Circuit at Chief Operator's Desk:

- 3.5 During the tests of the peg count circuits at the switchboards, the operation of the circuits at the Chief Operator's desk should be observed.
 - 3.6 Set up the checking set as follows:
 - 3.7 Insert the plug of an operator's telephone set into the telephone jacks at the position on which the test is to be conducted.
 - 3.8 Insert the plug of the head receiver cord into the monitoring jacks of the checking set.
 - 3.9 Insert the plug of the monitoring cord of the checking set into the monitoring jack of the position to be checked.
 - 3.10 Insert the plug of the battery cord of the checking set into the battery jack.
 - 3.11 The tester at the switchboard position should advise the tester at the Chief Operator's desk over the monitoring leads, of the start of test at each position. The tester at the switchboard should then audibly count off over the monitoring leads to the tester at the Chief Operator's desk the ten operations of the peg count key in order that the tester at the Chief Operator's desk can check the operation of the register in the checking set with each operation of the peg count key at the position.
 - 3.12 The lamp in the checking set should flash on each operation of the peg count key.
 - 3.13 Upon completion of tests remove all plugs from jacks used in connection with tests.
- ### 4. REPORTS:
- 4.1 The required record of this routine should be entered on the proper form.