

ALL-TRUNKS-BUSY REGISTERS  
NO. 1 OFFICE

1. GENERAL

1.1 This addendum, which supplements Section A230.314, Issue 1, is issued in order to cover the testing of all-trunks-busy registers associated with trunk groups outgoing from trunk hunting switches, when the registers are located at the switch center.

1.2 Paragraphs 2.3, 2.4, 3.7, 3.8 and part (f) are added. Paragraph 5.1 is cancelled and the following should be substituted therefor.

1.3 The method outlined provides for the tests to be made on a two person basis. One tester will be required at the trunk hunting switch frame and an assistant will be required at the register rack to note the readings of the all-trunks-busy registers.

1.4 This test should be made as rapidly as is consistent with accuracy and during night hours in a period of practically no traffic.

2. APPARATUS

Test (f):

2.3 No. 184 Make-Busy Plugs, as required.

2.4 Two Operator's Telephone Sets.

3. PREPARATION

Test (f):

3.7 Establish a talking circuit between the trunk hunting switch frame and the register rack.

3.8 Take the reading of the all-trunks-busy register associated with the trunk group to be tested.

4. METHOD

(f) Straightforward Trunks - Outgoing from Trunk Hunting Switches

4.34 Make busy all the trunks in the group under test by inserting No. 184 plugs in the associated MB (make-busy) jacks. Observe the register to determine that it has operated once.

4.35 Remove and reinsert the No. 184 plug in the MB jack of each outgoing trunk in the group of trunks under test. Read the register and record the reading. The difference between the two readings should be equal to the number of trunks in the group, plus one.

4.36 A rotating switch in the group will indicate a subscriber call. In this case it will be necessary to release a trunk temporarily to complete the call. Reinsert the No. 184 plug in the MB jack of the trunk which was released temporarily, take a new reading of the register and continue with the test.

4.37 Restore all trunks to normal by removing the No. 184 plugs.

5. REPORTS

5.1 The required record of this routine should be entered on the proper form. The total number of test registrations scored on the register should be accounted for to the traffic department in the usual manner.