

MAR 2 1944

TEST OF LINE FINDER CIRCUITS SENDER SELECTOR TYPE  
EQUIPMENT FOR BRUSH CONTINUITY PANEL OFFICES

1. GENERAL

1.01 This section replaces Section A263.900, Issue A, and is being reissued and a new number assigned to correspond with the A. T. & T. Co. numbering of Bell System Practice Sections.

1.02 This section describes two methods of testing line finder circuits for brush continuity.

1.03 Test (a) may be made at any time. Test (b) should be made during a period of very light traffic.

2. APPARATUS

2.01 District routine test frame.

2.02 D35055 cords with a No. 234 plug on each end as required.

2.03 D81760 test receiver with cords terminating in K36278 test clips (For method (b)).

3. METHOD

(a) Automatic test for line finder brush continuity.

3.01 Using a 136B tool block the CO relay operated which is associated with the terminal that is connected to the district routine frame in the group to be tested.

3.02 Connect this terminal to a vacant terminal in the A group of the bank to be tested, by means of a D35055 patching cord with a No. 234 plug on each end. This may be done at the V.I.D.F.

3.03 Set the district routine frame

up on the first selector of the group and allow it to run until all selectors in this group have been tested.

3.04 Remove the patching cord and plugs at the V.I.D.F.

3.05 All brushes of each line finder group and all line finder groups may be tested in this manner. It is not necessary to test the "0" brush as it is tested by the regular test of the district routine frame.

3.06 In order to expedite this test several successive groups may have the terminals patched in this manner so that the routine frame need not stop when stepping from one group to the next.

(b) Manual test for line finder brush continuity.

3.07 Place the clips of the D81760 test set on the tip and ring terminals of a vacant line circuit in the desired bank of the group to be tested. This is done at the line finder block. If there are no idle terminals a working one may be used.

3.08 Listen for dial tone and observe which selector stopped on the terminal under test. If dial tone is heard it is an indication of the continuity of all brush springs.

3.09 Depress the release button of the test set to release the selector and repeat the operation of paragraphs 3.07 and 3.08 on the next selector.

3.10 Test all associated line finder selectors in this manner from this terminal.

3.11 Remove test clips from the line circuit of this bank on the block at the line relay frame and test the remaining line finder brushes in the same manner.

4. REPORTS

4.01 The required record of these tests should be entered on the proper form.