

ASSOCIATING OVERFLOW REGISTER CIRCUITS WITH SUBSCRIBER LINES PANEL OFFICES

1. GENERAL

1.01 This section describes the method of associating subscriber line overflow register circuits with subscriber lines in panel offices.

1.02 This section is reissued to make minor changes in the methods.

1.03 Subscriber line overflow register circuits are of two types, the first of which is applicable to the final multiple terminal immediately above the individual line or last line of the terminal hunting group under observation, and the second of which is applicable to the individual or last line of the terminal hunting group directly. Methods are outlined for connecting each type of circuit.

2. TOOLS AND MATERIALS

- 2.01 Pliers, P-Long Nose
- 2.02 Pliers, V-Notch Diagonal
- 2.03 Soldering Tools and Materials
- 2.04 No. 136B Tool (where required)
- 2.05 Dial Hand Test Set

3. METHOD

(A) *Circuits for Use Where Terminal Immediately Above Is Vacant (SD-21314-01, ES-20411-01, Fig. 1 and ES-240208)*

3.01 At the I.D.F. remove the connection between the intercepting trunk and the set of terminals immediately above the individual line or the last line of the terminal hunting group under observation, in the usual manner.

In battery cut-off relay offices this operation may not be required if several consecutive intercepted terminals are located above the individual line or last line of the terminal hunting group.

3.02 Connect the sleeve of the set of terminals thus vacated or found vacant to the S terminal of the subscriber line overflow register circuit. In battery cut-off offices, also connect the ring of the line to the R terminal of the register circuit.

3.03 Arrange the individual or last line of the terminal hunting group for terminal hunting in the usual manner.

3.04 Test for the proper operation of the overflow register as covered in the 030 Division.

3.05 When this circuit is disconnected, test the last line to see that the cut-off relay has been rewired for the last line condition.

(B) *Circuits for Use Directly on Individual or Last Line. (ES-20411-01, Fig. 2 and SD-21580-01)*

3.06 At the I.D.F. test the individual line or the last line of the terminal hunting group under observation and if not busy cross-connect the sleeve to the S terminal of the subscriber line overflow register circuit. In battery cut-off offices, also strap the S and S1 terminals of the register circuit.

Note: This strap should always be removed when the register circuit is disconnected, to eliminate the possibility of locking up relays in the register circuit.

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3.07 Test for the proper operation of the overflow register as covered in the 030 Division.

3.08 The following applies to parts (A) and (B). In battery cut-off offices where a 600w resistance is wired in multiple with the

subscriber line CO relay to prevent overstepping of final selectors it is necessary to open this 600w resistance during the period the subscriber line overflow register is connected to the line. (Overflow circuit provides 600w during this period.)