CONTINUITY AND POLARITY TEST
OF OUTGOING TRUNKS AT OUTGOING TRUNK TEST FRAME
USING TEST CIRCUIT SD-96370-01
NO. 1 CROSSBAR OFFICES

1. GENERAL

1.01 This section covers the method of manually making rapid continuity and polarity tests of the tip and ring conductors of all classes of trunks appearing on the trunk test jacks of an outgoing trunk test frame in No. 1 crossbar offices.

1.02 This section is reissued to include the CT-BY high-tone buzzer. The number of this section has been changed from 216-383-501 so as to place it in the number layer designated originating equipment.

2. APPARATUS

2.01 Continuity and polarity test circuit SD-96370-01.

2.02 One P3F cord equipped with 309 and 310 plugs (3P12A). ←

3. METHOD

3.01 Insert the 310 plug of the cord into a CT jack. Insert the 309 plug successively into the test jacks of the trunks to be tested.

3.02 If the trunk under test is busy or becomes busy while the plug is in the test jack, the CT-BY lamp will light and the high-tone buzzer, if provided, will sound. ← ←

3.03 If the trunk is idle and of proper polarity, the CT-BY lamp will not light and the low-tone buzzer will sound an OK signal. ←

3.04 If the trunk is not busy and is in trouble (reversed or open), the CT-BY lamp will not be lighted and the buzzer will be silent.

3.05 When testing from some types of offices, a normal reversal of polarity is encountered on some trunk groups. If it is determined that the reversal is a normal condition, operate the TR or RP key to ensure an OK test signal. ←

3.06 If trouble is encountered on any trunk, the 310 plug should be removed from the CT jack and inserted into jack T1 or T2 of the outgoing trunk test frame voltmeter test circuit. The trunk should be tested as directed in the section covering operation of the outgoing trunk test frame.