OUTGOING TRUNKS TO MANUAL OFFICE SWITCHBOARDS

1. GENERAL

1.01 This section covers the detailed methods to be followed in making transmission tests on outgoing trunks from a step-by-step office to manual office switchboards.

1.02 Information covered in this section of practices is outlined in the following table.

1.03 Reference should be made to Section K20.01 for general testing methods and to Section K20.11 for general testing apparatus requirements.

2. OUTGOING TRUNKS TO MAGNETO OFFICE SWITCHBOARDS

2.01 These circuits are tested at the associated trunk repeaters or HIDF of the step-by-step office by the loop method during a period of light traffic load.

2.02 The loops are established at the magneto office switchboard by means of a switchboard cord circuit.

2.03 At the step-by-step office the circuits are completed to the transmission measuring set from the test jacks of the associated trunk repeaters or HIDF as the case may be.

2.04 Figure 1 shows schematically the connections for the test.

Preliminary Connections

2.05 Provide three regular double-ended patching cords equipped with 110 type plugs, two No. P3C cords each equipped with a No. 110 plug and a No. 240-A plug (No. 4 Terminal open) when tests are made from the repeater test jacks and two special patching cords equipped and connected as outlined below when tests are made from the HIDF.

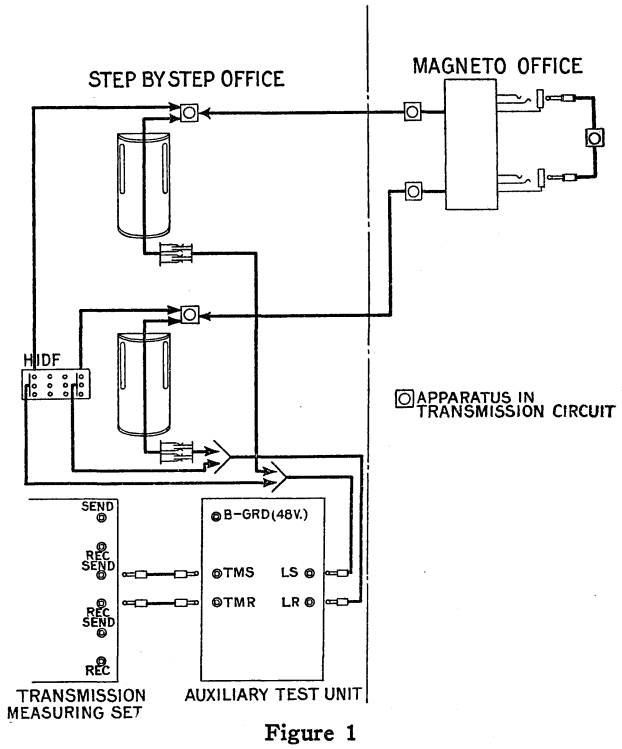

Figure 1

110 Type Plug connected to a **234 Type or similar Plug**

Tip	No. 1 Terminal
Ring	No. 2 Terminal
Sleeve	No. 3 Terminal
	No. 4 Terminal Open

2.06 Connect the TMS and TMR jacks of the auxiliary test unit respectively to the sending and receiving jacks of the transmission measuring set using two regular patching cords.

2.07 Connect the B-GRD (48V) jack of the auxiliary test unit to 48 volt battery and ground (battery on tip and ground on sleeve) using regular patching cord.

Note: This battery and ground may be obtained from any source convenient to the location of the testing apparatus, preferably a nearby BATT jack.

2.08 Insert the No. 110 plugs of the two No. P3C cords of the special patching cords in the LS and LR jacks of the auxiliary test unit.

2.09 Establish a talking circuit with an assistant tester at the magneto office switchboard.

Testing Procedure

2.10 Operate the following keys of the auxiliary test unit to the positions specified. Keys not mentioned should remain in the normal position.

Key 1 to OPEN	Key 5 to BATT
Key 2 to OPEN	Key 6 to BATT
Key 3 to MET	Key 12 to SL
Key 4 to MET	

2.11 Connect the No. 240-A plug of the No. P3C cord or the No. 234 plug of the special patching cord connected to the LS jack of the auxiliary test unit with the test jack of a repeater or HIDF punchings (as the case may be) associated with a trunk to be tested.

2.12 If the sleeve lamp of the auxiliary test unit associated with the L. S. jack does not light (indicating that the trunk is idle) operate key 5 to GRD.

Note: If the lamp lights (indicating that the trunk is busy) remove the plug and repeat until an idle trunk is found.

2.13 Connect the No. 240-A plug of the No. P3C cord or the No. 234 plug of the special patching cord connected to the LR jack of the auxiliary test unit with the test jack of a repeater or HIDF punchings (as the case may be) associated with another trunk to be tested.

2.14 If the lamp associated with the LR jack of the auxiliary test unit does not light (indicating that the trunk is idle) operate key 6 to GRD.

Note: If the lamp lights (indicating that the trunk is busy) remove the plug and repeat until an idle trunk is found.

2.15 Advise the assistant tester of the two trunks being held for test and instruct him to loop them with one of the regular switchboard cord circuits.

2.16 Operate key 1 and key 2 of the auxiliary test unit to HOLD.

2.17 Measure the transmission loss.

Note: This will be the loss of two trunk circuits and the looping cord circuit.

2.18 Measure the current supply from the repeater associated with the trunk connected to the LR jack of the auxiliary test unit while depressing key 10 to remove the holding bridge from the circuit.

2.19 Measure the current supply from the repeater associated with the trunk connected to the LS jack of the auxiliary test unit while depressing key 9 to remove the holding bridge from the circuit.

2.20 Release both trunks by operating key 1 and key 2 of the auxiliary test unit to OPEN and momentarily operating either key 1 or key 2 to TEST.

Note: Upon the momentary operation of the keys a disconnect signal should be received at the magneto switchboard and the looping cord circuit removed from the trunk jacks. The sleeve lamps of the auxiliary test unit associated with the LS and LR jacks should be extinguished upon the removal of the cord circuit at the magneto office.

2.21 Repeat the above testing procedure to determine the transmission loss of a trunk to be used as a standard or test trunk.

2.22 Proceed with the tests as outlined above for the remaining trunks of the group each time setting up the standard trunk as outlined in paragraphs 2.10 to 2.12 inclusive.

3. OUTGOING TRUNKS TO LOCAL MANUAL "A" SWITCHBOARDS

3.01 These circuits are tested at the HIDF of the step-by-step office by the loop method. In some offices, however, test jacks are provided at the relay equipment associated with these trunks and, in such cases the tests may be made from these jacks.

3.02 The testing procedure is the same for both cases except that patching cords equipped

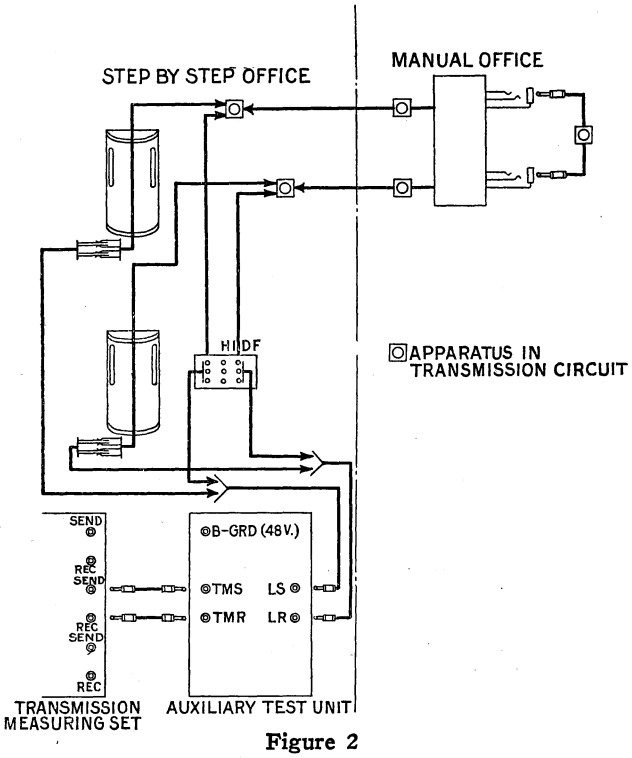

Figure 2

with plugs suited to the IDF terminals or test jacks as the case may be, will be required.

3.03 The loops are established at the local manual office switchboard by means of a switchboard cord circuit.

3.04 Figure 2 shows schematically the connections for the test.

Preliminary Connections

3.05 Provide three regular double-ended patching cords equipped with 110 type plugs and two special patching cords as outlined below in cases where the circuits are tested from the HIDF and two No. P3C cords each equipped with a No. 110 plug and a No. 240-A plug (No. 4 Terminal open) when tests are made from the test jacks of the relay equipment.

110 Type Plug connected to a **234 Type or Similar Plug**

Tip	No. 1 Terminal
Ring	No. 2 Terminal
Sleeve	No. 3 Terminal
	No. 4 Terminal Open

3.06 Connect the TMS and TMR jacks of the auxiliary test unit, respectively, to the sending and receiving jacks of the transmission measuring set using two regular patching cords.

3.07 Connect the B-GRD (48V) jack of the auxiliary test unit to 48 volt battery and ground (battery on tip and ground on sleeve) using a regular patching cord.

Note: This battery and ground may be obtained from any source convenient to the location of the testing apparatus preferably a nearby BATT jack.

3.08 Insert the No. 110 plugs of the two No. P3C cords or the special patching cords in the LS and LR jacks of the auxiliary test unit.

3.09 Establish a talking circuit with an assistant tester at the manual "A" switchboard.

Testing Procedure

3.10 Operate the following keys of the auxiliary test unit to the positions specified. Keys not mentioned should remain in the normal position.

Key 1 to OPEN	Key 5 to BATT
Key 2 to OPEN	Key 6 to BATT
Key 3 to MET	Key 12 to SL
Key 4 to MET	

3.11 At the HIDF or test jacks of the associated trunk relay equipment, as the case may be, connect the No. 234 plug of the special patching cord or the No. 240-A plug of the No. P3C cord connected to the LS jack of the auxiliary test unit to the IDF punchings or the test jack of one of the trunks to be tested.

3.12 If the sleeve lamp of the auxiliary test unit associated with the LS jack does not light (indicating that the trunk is idle) operate key 5 to GRD.

Note: If the lamp lights (indicating that the trunk is busy) remove the plug and repeat until an idle trunk is found.

3.13 At the HIDF or test jacks of the associated trunk relay equipment, as the case may be, connect the No. 234 plug of the special patching cord or the No. 240-A plug of the No. P3C cord connected to the LR jack of the auxiliary test unit to the IDF punchings or the test jack of another trunk to be tested.

3.14 If the sleeve lamp of the auxiliary test unit associated with the LR jack does not light (indicating that the trunk is idle) operate key 6 to GRD.

Note: If the lamp lights (indicating that the trunk is busy) remove the plug and repeat until an idle trunk is found.

3.15 Advise the assistant tester of the two trunks being held for test and instruct him to loop the two trunks with one of the regular switchboard cord circuits.

3.16 Operate keys 1 and 2 of the auxiliary test unit to HOLD.

3.17 Measure the transmission loss.

Note: This will be the loss of two trunk circuits and the looping cord circuit.

3.18 Measure the current supply from the trunk connected to the LR jack of the auxiliary test unit while depressing key 10 to remove the holding bridge from the circuit.

3.19 Measure the current supply from the trunk connected to the LS jack of the auxiliary test unit while depressing key 9 to remove the holding bridge from the circuit.

3.20 Disconnect one trunk by operating key 1 or key 2 (as the case may be) of the auxiliary test unit to OPEN and removing the plug of the looping cord circuit from the trunk jack at the local manual office switchboard and the No. 234 plug from the trunk terminals at the HIDF or the No. 240-A plug from the test jack at the trunk relay equipment as the case may be.

Note: The lamp of the auxiliary test unit associated with the trunk to be re-

leased will be extinguished when the disconnection has been completed.

3.21 Repeat the above testing procedure to determine the transmission loss of a trunk to be used as a standard and set it up as outlined in paragraphs 3.10 to 3.12, inclusive.

3.22 Proceed with the tests as outlined in paragraphs 3.13 to 3.20, inclusive, for the remaining trunks of the group.

3.23 When all of the trunks in the group have been tested, disconnect the standard trunk by operating key 1 of the auxiliary test unit to OPEN and removing the cord at the manual office switchboard and the No. 234 plug from the trunk terminals at the HIDF or the No. 240-A plug from the test jack at the trunk relay equipment, as the case may be.

Note: The lamp of the auxiliary test unit associated with the trunk to be released will be extinguished when the disconnection has been completed.

4. OUTGOING TRUNKS TO LOCAL MANUAL "B" SWITCHBOARDS (Arranged for Straightforward Operation)

4.01 These circuits are tested from the selector frame terminal strip at the step-by-step office by the loop method.

4.02 The loops are established at the incoming manual office over one of the trunks from which the equipment at the manual office has been disconnected and which is cross-connected to a spare subscriber's multiple jack.

Preliminary Tests and Connections

4.03 Determine the loss of a test or standard trunk as outlined below.

4.04 Where the test or standard trunk plus the equipment of the step-by-step office is of such resistance as not to permit the normal signaling of the circuit, a long line supervisory circuit should be inserted in the trunk for this purpose. The supervisory circuit may be picked up at any convenient location, preferably the incoming manual office and connected to the test or standard trunk at the HMDF. The subscriber's end (HMDF terminals 3-4) should be connected towards the step-by-step office and the central office end (HMDF terminals 1-2) connected towards the manual office. It will be necessary in the computations to allow for the transmission loss of the supervisory circuit.

4.05 Figure 3 shows schematically the connections for the test.

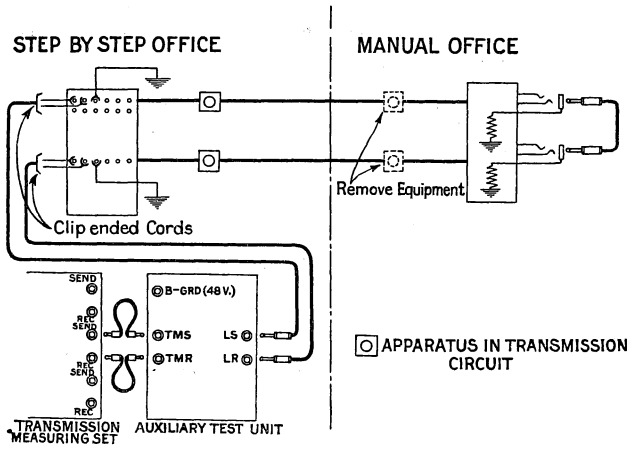

Figure 3

4.06 Select three idle trunks and at the step-by-step office "make busy" these trunks by connecting the sleeve terminals at the selector frame terminal strip to ground.

Note: Where out trunk switches are provided, sweep the master switch having access to the trunks selected to pick up any disengaged plungers.

4.07 At the manual office, MDF, remove the heat coils and connect the cable terminals of these trunks to three spare multiple jacks in the manual "B" switchboard.

4.08 At the manual office, IDF, connect the sleeve terminals of the spare jacks to sleeve resistances of the value normally used on subscribers' multiple jacks.

4.09 At the switchboard remove the signal plugs from the spare multiple jacks at the positions on which the trunks of the group to be tested terminate.

4.10 At the step-by-step office provide three regular double-ended patching cords equipped with 110 type plugs and two special patching cords equipped on one end with 110 type plugs and on the other end with clips of a type suitable for connecting to the punchings on the selector frame terminal strip.

4.11 Connect the TMS and TMR jacks of the auxiliary test unit respectively to the sending and receiving jacks of the transmission measuring set, using two regular patching cords.

4.12 Connect the B-GRD (48V) jack of the auxiliary test unit to 48 volt battery and ground (battery on tip and ground on sleeve), using a regular patching cord.

Note: This battery and ground may be obtained from any source convenient to the location of the testing apparatus, preferably a nearby BATT jack.

4.13 Insert the 110 type plugs of the two special patching cords in the LS and LR jacks of the auxiliary test unit.

4.14 Insert an operator's telephone set in the operator's telephone set jacks of the auxiliary test unit.

4.15 Operate the following keys of the auxiliary test unit to the positions specified. Keys not mentioned should remain in the normal position:

Key 1 to HOLD
Key 2 to HOLD
Key 3 to MET
Key 4 to MET
Key 12 to SL

4.16 Connect the clips (tip, ring and sleeve), of the patching cords connected to the LS and LR jacks of the auxiliary test unit to the selector frame terminal strip punchings of two of the three trunks chosen above.

4.17 At the manual office switchboard loop these trunks with a double-ended patching cord.

4.18 Measure the transmission loss.

Note: This is the loss of two trunks less the equipment at the manual office.

4.19 Make the triangulation measurements to determine the loss of each of the three trunks (less equipment at the manual office) as outlined in paragraphs 4.16 to 4.18 inclusive.

4.20 Select one of these trunks to be used as a test or standard trunk and restore the other two trunks to normal by reversing the procedure of paragraphs 4.06 to 4.09, inclusive.

Note: The ground should not be removed from the sleeve terminals of these trunks until it has been determined that the equipment has been properly reconnected and the trunks are ready for service.

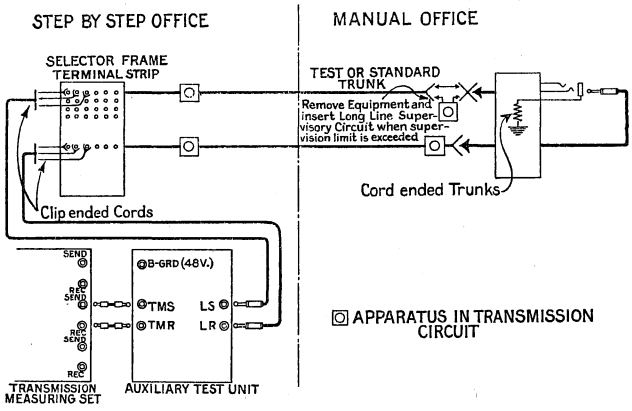

Figure 4

Testing Procedure

4.21 Figure 4 shows schematically the connections for the test.

4.22 Operate the following keys of the auxiliary test unit to the positions specified. Keys not mentioned should remain in the normal position.

Key 1 to OPEN
Key 2 to OPEN
Key 3 to MET
Key 4 to MET
Key 6 to BATT
Key 12 to SL

4.23 Connect the clips (tip, ring and sleeve) of the patching cord connected to the LS jack of the auxiliary test unit to the selector frame terminal strip punchings associated with the test or standard trunk.

4.24 Connect the clips (tip, ring and sleeve) of the patching cord connected to the LR jack of the auxiliary test unit to the selector frame terminal strip punchings associated with one of the trunks to be tested.

4.25 If the sleeve lamp of the auxiliary test unit associated with the LR jack does not light (indicating that the trunk is idle), operate key 6 to GRD.

Note: If the lamp lights (indicating that the trunk is busy) remove the plug and repeat until an idle trunk is found.

4.26 Where out-trunk switches are provided, sweep the master switch having access to the trunk chosen for test to pick up any disengaged plungers.

4.27 Operate key 2 of the auxiliary test unit to TEST and when the operator requests the number desired or in cases where order tone is heard pass the number of the subscriber's multiple jack to which the test or standard trunk is connected at the manual office switchboard.

4.28 Operate key 1 and key 2 of the auxiliary test unit to HOLD.

4.29 Measure the transmission loss.

Note: This will be the loss of the trunk circuit under test together with the loss of the test or standard trunk circuit.

4.30 Release the tested trunk by operating key 1 and key 2 of the auxiliary test unit to OPEN and remove the clip ended cord from the punchings at the selector frame terminal strip.

Note: When the procedure of paragraph 4.30 has been completed, the operator at the manual office switchboard will receive a disconnect signal and remove the trunk cord from the

jack to which the standard trunk is connected.

4.31 Repeat the above testing procedure for the remaining trunk circuits of the group.

4.32 Proceed as follows to test the standard or test trunk with its equipment connected in the circuit.

4.33 Restore the test or standard trunk to normal by reversing the procedure of paragraphs 4.06 to 4.09, inclusive.

Note: Upon removing the clip ended cord from the test or standard trunk the sleeve of this trunk should be connected to ground at the selector frame terminal strip and should remain until it has been determined that the equipment has been properly reconnected and the trunk is ready for service.

4.34 Select one of the other trunks used in the triangulation measurements of paragraph 4.19 to be used as a test or standard trunk for the purpose of testing the test or standard trunk of paragraph 4.20 together with its equipment.

4.35 Connect the sleeve of the trunk selected in paragraph 4.34 to ground at the selector frame terminal strip and remove the equipment at the manual office in accordance with the procedure of paragraphs 4.06 to 4.09, inclusive.

4.36 Operate the following keys of the auxiliary test unit to the positions specified. Keys not mentioned should remain in the normal position.

Key 1 to OPEN	
Key 2 to OPEN	Key 6 to BATT
Key 3 to MET	Key 12 to SL
Key 4 to MET	

4.37 Remove the ground at the selector frame terminal strip from the new test or standard trunk and connect the clips (tip, ring and sleeve) of the special patching cord connected to the LS jack of the auxiliary test unit to punchings associated with this trunk.

4.38 Connect the clips (tip, ring and sleeve) of the special patching cord connected to the LR jack of the auxiliary test unit to the selector frame terminal strip punchings associated with the trunk of paragraph 4.33.

4.39 Proceed with the tests as outlined in paragraphs 4.25 to 4.30, inclusive.

4.40 Restore the standard or test trunk to normal by reversing the procedure of paragraphs 4.06 to 4.09, inclusive.

Note: Upon removing the clip ended cord from the test or standard trunk the sleeve terminal should be grounded and remain so until it has been determined that the equipment has been properly reconnected and the trunk is ready for service.

5. OUTGOING TRUNKS TO TOLL SWITCHBOARDS (RECORDING AND COMPLETING)

5.01 These circuits are tested from the step-by-step office during a period of light traffic load.

5.02 Where the circuits terminate on the HIDF of the step-by-step office they should be tested from the IDF and in cases where they terminate only on the selector frame terminal strip they may be tested from this point.

5.03 The circuits are tested by the loop method, the loops being established at the toll office switchboard by means of a toll cord circuit and completed over one of the trunk circuits from which the equipment has been disconnected at both the step-by-step and toll offices.

Preliminary Tests and Connections

5.04 Determine the loss of a test or standard trunk as outlined in paragraphs 5.05 to 5.18, inclusive.

5.05 Where the test or standard trunk is of such resistance as not to permit normal signaling of the circuit, a long line supervisory circuit should be inserted in the trunk for this purpose. The supervisory circuit may be picked up at any convenient location, preferably the incoming toll office, and connected to the test or standard trunk at the HMDF. The subscriber's end (HMDF terminals 3-4) should be connected towards the step-by-step office and the central office end (HMDF terminals 1-2) connected towards the toll office. It will be necessary in the computations to allow for the transmission loss of the supervisory circuit.

5.06 Figure 5 shows schematically the connections for the test.

5.07 Select three idle trunks and at the step-by-step office "make-busy" these trunks by connecting the respective sleeve conductor terminals to ground at any convenient point.

5.08 At the step-by-step office MDF remove the heat coils from the trunk chosen above.

5.09 At the toll office IDF remove the equipment from these trunks, by unsoldering

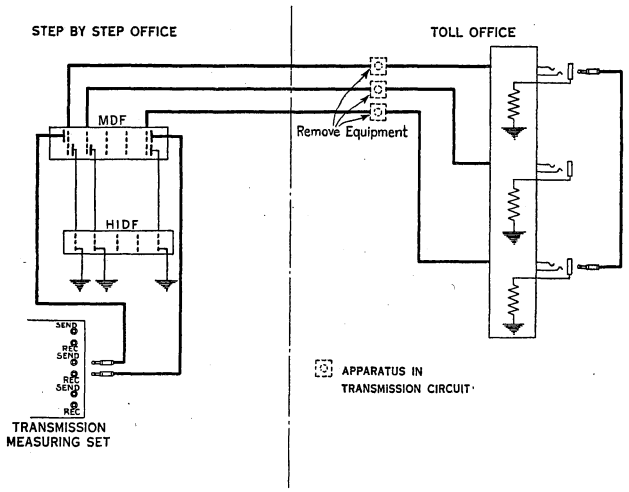

Figure 5

the tip and ring cross-connections to the trunk relay equipment and connecting these terminals respectively to three spare multiple jacks in the toll switchboard.

5.10 At the toll office IDF connect the sleeve terminals of each of the toll switchboard multiple jacks to sleeve resistances of the value normally used on toll line jack circuits.

5.11 At the toll switchboard remove the signal plugs from the multiple jacks at the positions on which the trunks of the group to be tested terminate.

5.12 At the step-by-step office provide two special patching cords (tip and ring) each of which is equipped on one end with clips or No. 206 plugs and on the other end with No. 110 plugs as indicated below.

110 Type Plug connected to a **206 Type Plug or Clips**

Tip	Cable Side Tip
Ring	Cable Side Ring
	Office Side Tip Open
	Office Side Ring Open

5.13 Insert the No. 110 plugs of these cords in the sending and receiving jacks of the transmission measuring set.

5.14 At the MDF connect the No. 206 plugs or clips (as the case may be) of the special patching cords connected to the sending and receiving jacks of the transmission measuring set to two of the three trunks chosen above.

5.15 At the toll office switchboard, loop these trunks with a double ended patching cord.

5.16 Measure the transmission loss.

Note: This is the loss of two trunks less equipment at both the step-by-step and toll offices.

5.17 Make triangulation measurements to determine the loss of each of the three trunks less equipment, as outlined in paragraphs 5.14 to 5.16, inclusive.

5.18 Select one of these trunks to be used as a test or standard trunk and restore the other two trunks to normal by reversing the procedure of paragraphs 5.07 to 5.11, inclusive.

Note: The ground connections should not be removed from the sleeve conductors until it has been determined that the equipment has been properly reconnected and the trunk is ready for service.

5.19 At the step-by-step office provide three regular double-ended patching cords equipped with 110 type plugs and one special patching cord equipped on one end with a 110 type plug and on the other end with clips (tip, ring and sleeve) of a type suited to the punchings of the selector frame terminal strip when tests are made from this point. When tests are made from the HIDF, the special patching cord should be equipped and connected as indicated below.

110 Type Plug connected to a **234 Type Plug**

Tip	No. 1 Terminal
Ring	No. 2 Terminal
Sleeve	No. 3 Terminal
	No. 4 Terminal Open

5.20 Connect the TMS and TMR jacks of the auxiliary test unit respectively to the sending and receiving jacks of the transmission measuring set using two regular patching cords.

5.21 Connect the B-GRD (48V) jack of the auxiliary test unit to 48 volt battery and ground (battery on tip and ground on sleeve) using a regular patching cord.

Note: This battery and ground may be obtained from any source convenient to the location of the testing apparatus preferably a nearby BATT jack.

5.22 Insert the No. 110 plug of one of the special patching cords of paragraph 5.12 in the LS jack of the auxiliary test unit.

5.23 Insert the No. 110 plug of the special patching cord of paragraph 5.19 in the LR jack of the auxiliary test unit.

5.24 Insert an operator's telephone set in the operator's telephone set jacks of the auxiliary test unit.

Testing Procedure

5.25 Figure 6 shows schematically the connections for the test.

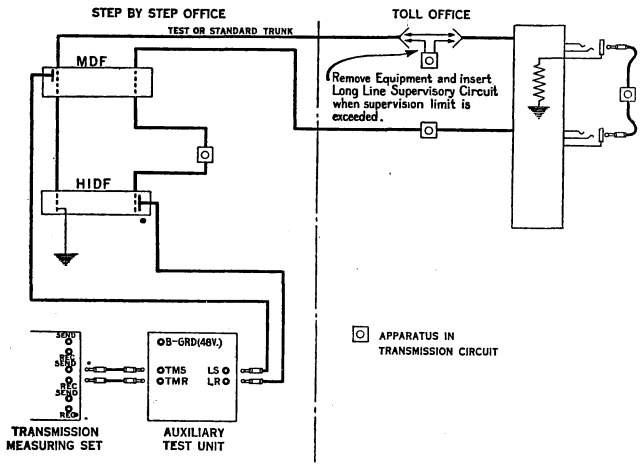

Figure 6

5.26 Operate the following keys of the auxiliary test unit to the positions specified. Keys not mentioned should remain in the normal position.

Key 1 to HOLD	Key 6 to BATT
Key 2 to OPEN	Key 12 to SL
Key 3 to MET	
Key 4 to MET	

5.27 At the MDF connect the No. 206 plug or clips (as the case may be) of the special patching cord connected to the LS jack of the auxiliary test unit to the test or standard trunk.

5.28 Connect the No. 234 plug or the clips (as the case may be) of the special patching cord connected to the LR jack of the auxiliary test unit to the HIDF or selector frame terminals of a trunk to be tested.

5.29 If the sleeve lamp of the auxiliary test unit associated with the LR jack does not light (indicating that the trunk is idle) operate key 6 to GRD.

Note: If the lamp lights (indicating that the trunk is busy) remove the plug and repeat until an idle trunk is found.

5.30 Operate key 2 of the auxiliary test unit to TEST and when the operator answers, request her to connect you with the switchboard multiple jack chosen in paragraph 5.09 to which the test or standard trunk is connected.

5.31 Operate key 2 of the auxiliary test unit to HOLD.

5.32 Measure the transmission loss.

Note: This will be the loss of the trunk circuit under test including a toll switchboard cord circuit and the standard trunk.

5.33 Measure the current supply from the trunk equipment associated with the trunk connected to the LR jack of the auxiliary test unit while depressing key 10 to remove the holding bridge from the circuit.

5.34 Release the tested trunk by operating key 2 of the auxiliary test unit to OPEN and then back to TEST.

Note: When the operator answers the signal, advise her to disconnect by removing the cord circuit from the trunk jacks.

5.35 At the step-by-step office, remove the special patching cord from the terminals of the tested trunk and repeat the above testing procedure for the remaining trunks of the group.

5.36 Proceed as follows to test the standard trunk with its equipment connected in the circuit.

5.37 Restore the test or standard trunk to normay by reversing the procedure of paragraphs 5.07 to 5.11, inclusive, and removing the No. 206 plug or the clips (as the case may be) at the MDF.

Note: The ground connection should not be removed from the sleeve conductor until it has been determined that the equipment has been properly reconnected and the trunk is ready for service.

5.38 Select one of the other trunks used in the triangulation measurements of paragraph 5.17 above to be used as a test or standard trunk for the purpose of testing the test or standard trunk of paragraph 5.18 together with its equipment.

5.39 At the step-by-step office "make-busy" the trunk selected in paragraph 5.38 by grounding the sleeve conductor terminal at any convenient point.

5.40 Repeat the procedure outlined in paragraphs 5.08 to 5.11, inclusive, for the new test or standard trunk.

5.41 Operate the following keys of the auxiliary test unit to the positions specified. Keys not mentioned should remain in the normal position.

Key 1 to HOLD	Key 6 to BATT
Key 2 to OPEN	Key 12 to SL
Key 3 to MET	
Key 4 to MET	

5.42 At the MDF connect the No. 206 plug or clips (as the case may be) of the special patching cord connected to the LS jack of the auxiliary test unit to the test or standard trunk.

5.43 Connect the No. 234 plug or the clips (as the case may be) of the special patching cord connected to the LR jack of the auxiliary test unit to the terminals of the trunk of paragraph 5.38.

5.44 Proceed with the tests as outlined in paragraphs 5.29 to 5.34, inclusive.

5.45 Restore the test or standard trunk to normal by reversing the procedure of paragraphs 5.07 to 5.11, inclusive, and removing the No. 206 plug or clips (as the case may be) at the MDF.

Note: The ground connection should not be removed from the sleeve conductor until it has been determined that the equipment has been properly reconnected and the trunk is ready for service.