VERIFICATION REQUEST AND INTERCEPT TRUNKS
TESTS USING OUTGOING TRUNK TEST FRAME SD-25177-01
NO. 1 CROSSBAR OFFICES

1. GENERAL

1.01 This section outlines a method of testing verification request, intercepting and trouble intercepting trunks to a central A switchboard, and intercepting trunks to an announcement machine, in No. 1 crossbar offices, using the outgoing trunk test frame SD-25177-01.

1.02 This section is reissued to include a test of trouble intercepting trunks and intercepting trunks to an announcement machine. Since this is a general revision, the arrows ordinarily used to indicate changes have been omitted.

1.03 The tests and features covered are:

(A) Call to Central A Operator: This test checks the correct routing of the call over the desired trunk terminating at the central A switchboard.

(B) Call to Announcement Machine: This test checks the correct routing of a call over the desired trunk to the announcement machine.

1.04 For a trunk arranged to route calls only to a regular intercepting, trouble intercepting, or a verification operator, Test (A) shall apply.

1.05 For a trunk arranged to route calls to more than one of the following terminations - a verification request, regular intercepting or trouble intercepting operator - Test (A) shall be performed using the directory number assigned to each trunk.

1.06 For a trunk arranged to route calls to both a regular intercepting and trouble intercepting operator and to the announcement machine, Test (A) shall be performed using directory numbers assigned the regular intercepting and trouble intercepting trunk and Test (B) shall be performed using the directory number assigned for the announcement machine.

1.07 Local office records should be consulted to determine the directory numbers assigned the various trunks to be tested.

1.08 Lettered Steps: The letters a, b, c, etc, are added to a step number to indicate that the steps cover an action which may or may not be required depending on local conditions. The conditions under which a lettered step or series of steps should be made are given in the ACTION column. All steps governed by the same condition are designated by the same letter. When a condition does not apply, the associated steps should be omitted.

2. APPARATUS

2.01 Outgoing Trunk Test Frame, J28550 (SD-25177-01).

2.02 No. 322A (Make-Busy) Plug.

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STEP ACTION VERIFICATION

2a Where outgoing trunk test frame is arranged to test subscriber lines in two or more units, insert a make-busy plug in the U jack associated with the particular unit into which access is desired. 

3 Set up on the numerical recording keys at the outgoing trunk test frame the directory number assigned the trunk to be tested.

4a Where the assigned number is an extra number not in the regular subscriber numbering series, operate the XN key.

5 Operate DM key at outgoing trunk test frame.

4. METHOD

STEP ACTION VERIFICATION

(A) Call to Central A Operator

6 At outgoing trunk test frame - Operate LT-ST key. 

7 Operate MV key.

8 Momentarily operate ringing (+) key.

9 Operate BAT key.

10 Momentarily operate VM-TLK key.

11 Momentarily operate ringing (+) key.

12 Operate VM-TLK key.

13 Monitor at outgoing test frame. 

At outgoing trunk test frame - A lighted CT, RP, or HG lamp indicates a cut-through condition to the desired trunk.

Audible ringing tone is heard. Operator answers, audible ringing tone is discontinued.

Note: If operator answers before audible ringing tone is heard, release LT-ST, MV, BAT and VM-TLK keys. Momentarily operate LT-DISC key and repeat Steps 6 to 13.

14 Verify with operator, type and number of trunk under test and that trunk lamp is extinguished.

15a If supervision is provided - SV lamp at outgoing trunk test frame will be extinguished when operator answers.

15b If supervision is not provided - SV lamp at outgoing trunk test frame will remain lighted when operator answers.
Step 16: Request operator to operate and release the flashing key a number of times.

Step 17: Request operator to remove and reinsert plug into jack.

Step 18: Release LT-ST, MV, BAT and VM-TLK keys.

Step 19: Momentarily operate LT-DISC key.

Step 20: Repeat Steps 3 to 19 for each trunk in the group.

(B) Call to Announcement Machine

Step 6: At outgoing trunk test frame - Operate LT-ST key.

Step 7: Operate MV key.

Step 8: Momentarily operate ringing (+) key.

Step 9: Operate BAT key.

Step 10: Momentarily operate VM-TLK key.

Step 11: Momentarily operate ringing (+) key.

Step 12: Operate VM-TLK key.

Step 13: Monitor at outgoing trunk test frame.

Note: Should announcement be heard before audible ringing tone, release LT-ST, MV, BAT and VM-TLK keys. Momentarily operate LT-DISC key and repeat Steps 6 to 13.

14a: If supervision is provided -

14b: If supervision is not provided -

Step 15: Release LT-ST, MV, BAT, and VM-TLK keys.

Step 16: Momentarily operate LT-DISC key.

Step 17: Repeat Steps 3 to 16 for each trunk in the group.

Verification

SV lamp at outgoing trunk test frame flashes due to key operation.

Verify with operator that trunk lamp does not relight when plug is removed from jack.

At outgoing trunk test frame -

Operate LT-ST key.

Operate MV key.

Momentarily operate ringing (+) key.

Operate BAT key.

Momentarily operate VM-TLK key.

Momentarily operate ringing (+) key.

Operate VM-TLK key.

Monitor at outgoing trunk test frame.

Note: Announcement should start at beginning of recorded statement, and volume and quality be satisfactory.

Audible ringing tone is heard. Announcement is heard and audible ringing tone is discontinued.

Note: Announcement should start at beginning of recorded statement, and volume and quality be satisfactory.

SV lamp at outgoing trunk test frame will be extinguished when announcement is heard.

SV lamp at outgoing trunk test frame will remain lighted when announcement is heard.