

ATTENDANT INCOMING TRUNK—SD-26381-01
TESTS USING MASTER TEST FRAME
TRUNK TEST CIRCUIT—SD25918-01
NO. 5 CROSSBAR OFFICES
ARRANGED FOR PHASE III CENTREX
CENTRALIZED ATTENDANT OPERATION

1. GENERAL

1.01 This section describes the tests required for testing the attendant incoming trunk (reverse battery or E-M lead supervision) circuit SD-26381-01, using the master test frame (MTF) trunk test circuit SD-25918-01, in No. 5 crossbar offices arranged for Phase III centrex and centralized attendant main satellite release link operation.

1.02 This issue affects the Equipment Test Lists.

1.03 The tests covered are:

A. *Trunk Seizure and Disconnect:* This test checks the following features—(1) trunk seizure, (2) supervision, (3) originating end disconnects first, and (4) terminating end disconnects first

B. *Call Through Test:* This test checks the ground start feature of the trunk, completion to the attendant facilities, and destination recall.

1.04 Test B requires assistance at the attendant facilities.

1.05 *Lettered Steps:* A letter a, b, c, etc, added to a step number in Parts 3 and 4 of this section indicates an action which may or may not be required depending on local conditions. The condition under which a lettered step or a series of lettered steps should be made is given in the ACTION column, and all steps governed by the same condition are designated by the same

letter within a test. Where a condition does not apply, all steps designated by that letter should be omitted.

1.06 The manner of selecting some circuits and test conditions at the master test frame (MTF) and its associated circuits varies depending on the apparatus options furnished with these circuits. Therefore, where variable means of selection are provided, precise instructions for selection of circuits and test conditions are not given. Precise instructions for the use of these variable means are given in Section 218-106-301.

1.07 The location statement, At MTF—, is used to refer to all apparatus located on the four basic bays of the MTF.

1.08 The statement between the asterisks (* *) after action or verification statements is added to clarify the function being simulated in the test procedures of Part 4.

1.09 On Issue 76D of SD-25800-01, a group of 18 “class of test” lamps was replaced by a single “start test” lamp designated STT. Since the designation given to the lamp is not specific, the lamp, will not be called out in the section, as well as the 18 discontinued lamps, such as DT, ORIG, ITDO, ITNP, OGT, etc.

1.10 Local instructions should be followed for recording and reporting plant or traffic register operations caused by performing these tests.

NOTICE

Not for use or disclosure outside the
Bell System except under written agreement

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2. APPARATUS

All Tests

- 2.01 Master test control circuit, SD-25800-01.
- 2.02 Trunk test circuit, SD-25918-01.
- 2.03 Patching cords, P3E cord, 6 feet long, equipped with two 310 plugs (3P7A cord)

as follows: One cord required when trunk is arranged for reverse battery supervision to patch from T jack on trunk to ITT jack on relay rack frame; two cords required when trunk is arranged for E-M lead supervision to patch T1, T2 jacks of trunk to TOL 1, TOL 2 jacks, respectively, on relay rack frame.

STEP	ACTION	VERIFICATION
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3. PREPARATION

All Tests

Note: Refer to paragraph 1.05.

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| 1 | At MTF—
Restore all keys and switches. | |
| 2 | Momentarily operate RL key. | All lamps extinguished. |
| 3a | If trunk is arranged for reverse battery supervision and remote make-busy feature is not provided—
Have associated trunk in the satellite office made busy. | |
| 4a | At relay rack—
Check that A relay on trunk under test is not operated, then patch T jack of trunk to ITT jack on relay rack frame. | |
| 5b | If trunk is arranged for reverse battery supervision and remote make-busy feature is provided—
At relay rack—
Check that A relay on trunk under test is not operated, then patch T jack on trunk to ITT jack on relay rack frame. | At satellite office—
CAT-MB lamp associated with dedicated trunk lighted.
Dedicated trunk in satellite office remotely made busy. |
| 6c | If trunk is arranged for E-M lead supervision—
At relay rack frame—
Check that E relay on trunk under test is not operated, then patch T1, T2 jacks of trunk to TOL 1, TOL 2 jacks, respectively, on relay rack frame. | At satellite office—
CAT-MB lamp associated with dedicated trunk lighted.
Dedicated trunk in satellite office remotely made busy. |

STEP	ACTION	VERIFICATION
4. METHOD		
A. Trunk Seizure and Disconnect		
7	At MTF— Select MISC class of test.	
8	Select line location of attendant incoming trunk to be tested.	
9	Select test class of service, rate treatment as required, having access to trunk test circuit simulated 2-wire trunk.	
10	Select dial tone marker.	
11	Select originating register group.	
12	Operate TLK, LLS, AIT, SEZ, KCS keys.	
13d	If reverse battery supervision— Operate SLP key.	
14c	If trunk arranged for E-M lead supervision— Operate OEM key.	
15	Momentarily operate ST key.	TS lamp lighted.
16d	If reverse battery supervision— Dial digit 0.	TS lamp remains lighted.
17	Operate ANS key.	OGT-CS lamp lighted. High tone heard.
18	Restore TLK key. *Originating end disconnects.*	TS, OGT-CS lamps extinguished. High tone silenced. *Linkage released.*
19	Momentarily operate RL key.	All lamps extinguished.
20	Restore ANS key.	
21	Operate TLK key.	
22	Momentarily operate ST key.	TS lamp lighted.
23	Operate ANS key.	OGT-CS lamp lighted. High tone heard.
24	Restore ANS key. *Terminating end disconnect*	OGT-CS lamp extinguished. High tone silenced.

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STEP	ACTION	VERIFICATION
		Linkage not released. Simulates call on hold by attendant.
25	Operate ANS key. *Attendant answers recall.*	OGT-CS lamp lighted. High tone heard.
26	Restore TLK, ANS keys.	TS, OGT-CS lamps extinguished. High tone silenced. *Linkage released.*
27	Momentarily operate RL key.	All lamps extinguished.
28	Restore all keys and switches not required for next test.	
29e	If no further tests are to be performed— At relay rack frame— Remove patching cords from trunk under test and relay rack frame.	If remote make-busy feature is provided— At satellite office— CAT-MB lamp extinguished.
30e	Have associated trunk in satellite office restored to service if Steps 3a, 4a were applied.	
B. Call Through Test		
7	Operate TLK, LLS, AIT, LS keys.	
8d	If reverse battery supervision— Operate SLP key.	
9c	If trunk arranged for E-M lead supervision— Operate OEM key.	
10	Momentarily operate ST key.	Ringing tone heard. At attendant facilities— Assistant answers call. At MTF— Ringing tone silenced. OGT-CS lamp lighted. Talking path established between MTF and attendant facilities.
11	At MTF— Restore LS key.	
12	Request assistant at attendant facilities to place call on hold.	Talking path removed. At MTF— OGT-CS lamp remains lighted.
13	Restore TLK key for 3/4 second. *Destination recall.*	At attendant facilities— Assistant answers recall. Talking path established.

STEP	ACTION	VERIFICATION
14	Request assistant to release source, then release position.	At MTF— OGT-CS lamp extinguished. Talking path removed. *Linkage released.*
15	Momentarily operate RL key.	All lamps extinguished.
16	Restore all keys and switches not required in next test.	
17e	If no further tests are to be performed— At relay rack frame— Remove patching cords from trunk under test and relay rack frame.	If remote make-busy feature is provided— At satellite office— CAT-MB lamp extinguished.
18e	Have associated trunk in satellite office restored to service if Steps 3a, 4a were applied.	



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