

INCOMING TRUNK CIRCUIT SD-65792-01

OPERATION TESTS

700C, 701A, 701B or 702A PBX

1. GENERAL

1.01 This section describes a method of testing the operating features of incoming trunk SD-65792-01 arranged for inward dialing from step-by-step office, crossbar tandem office, or distant PBX, and transfer of calls to PBX attendant.

1.02 The tests covered are:

A. Incoming DID Call: This test checks the following features: (1) Trunk seizure when called party answers. (2) Called party disconnects first. (3) Calling party disconnects first.

B. Station Flash To Call Attendant: This test checks the following features: (1) Called station flash for attendant. (2) Attendant disconnects first. (3) Called party disconnects first. (4) Calling party disconnects first.

1.03 When performing Tests A and B the traffic register will score. Local instructions should be followed for recording and reporting this register operation.

1.04 The tests require action and verification at trunk unit under test and telephone switchboard.

1.05 The tests should be made at a time when the normal operation of the PBX will not be affected.

1.06 Lettered Steps: A letter a, b, c, etc, added to a step number in Part 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.

2. APPARATUS

2.01 Two 500-type telephone sets, or equivalent.

2.02 1011G handset (dial hand test set) equipped with a 2W39A cord assembly consisting of W2CL cord, 471A jack, and 240A plug.

3. PREPARATION

STEP	ACTION	VERIFICATION
Tests A, B		
1	Connect two telephone sets to spare PBX line terminals at distributing frame. These are referred to as stations A and B.	
2	Operate handset test cord switch to ON.	
3	Operate handset switch to MON.	

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STEP	ACTION	VERIFICATION
4	At trunk unit under test — Connect handset to test jack (T). This is referred to as station C.	

4. METHOD

STEP	ACTION	VERIFICATION
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A. Incoming DID Call

5	At station C — Operate handset switch to TALK.	
6	Dial digits of station B.	Audible ringing tone heard. At station B — Bell rings.
7	At station B — Remove handset from switch hook.	Ringling tripped. At station C — Audible ringing tone silences.

Called Party Disconnects First

8	At station B — Replace handset on switch hook.	After approximately 3 seconds — Trunk circuit restores to normal.
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Calling Party Disconnects First

9	Repeat Steps 5 through 7.	
10	At station C — Operate handset switch to MON.	Trunk unit held busy until called party goes on-hook.
11	At station B — Replace handset on switch hook.	Trunk circuit restores to normal.
12a	If no further tests are to be performed — Remove all telephone sets from spare line terminals, handset from test jack.	

B. Station Flash To Call Attendant

5	At station C — Operate handset switch to TALK.	
6	Dial digits of station B.	Audible ringing tone heard. At station B — Bell rings.
7	At station B — Remove handset from switch hook.	Ringling tripped. At station C — Audible ringing tone silences.

STEP	ACTION	VERIFICATION
8	At station B — Momentarily depress switch hook.	At switchboard — Trunk lamp lights. Audible signal sounds.
9	Attendant answers (inserts plug into TRK jack).	Audible ringing tone silences. Trunk lamp extinguishes.
10	At station B — Request attendant to transfer call to station A.	
11	At station B — Replace handset on switch hook.	
12	At switchboard — Attendant extends call to station A.	At station A — Bell rings.
13	At station A — Remove handset from switch hook.	Ringing tripped.
Attendant Disconnects First		
14	At switchboard — Attendant removes plug from TRK jack.	At station A — Conversation with station C satisfactory.
15	At station A — Replace handset on switch hook.	
16	At station C — Operate handset switch to MON.	Trunk circuit restores to normal.
Called Party Disconnects First		
17	Repeat Steps 5 through 13.	
18	At station A — Replace handset on switch hook.	At switchboard — Conversation with station C satisfactory.
19	Attendant removes plug from TRK jack.	At trunk unit — After approximately 3 seconds — Trunk circuit restores to normal.
20	At station C — Operate handset switch to MON.	
Calling Party Disconnects First		
21	Repeat Steps 5 through 13.	
22	At station C — Operate handset switch to MON.	

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STEP	ACTION	VERIFICATION
23	At switchboard — Attendant removes plug from TRK jack.	At trunk unit — Trunk circuit restores to normal.
24a	If no further tests are to be performed — Remove telephone sets from spare line terminals, handset from test jack.	