

## STATION DIAL TRANSFER METHOD OF OPERATION 701B PBX

### 1. GENERAL

**1.01** This section describes the method of operation for the station dial transfer feature when provided by applique circuit SD-65892-01 and dial transfer circuit SD-65896-01 in conjunction with either central office trunk circuit SD-65812-01, SD-65850-01, or SD-65895-01; or when provided by applique circuit SD-65892-01 in conjunction with central office trunk circuit SD-65893-01. Information in this section is also intended for use in applying an overall operational test of the dial transfer circuits and that portion of the associated central office trunk used for dial transfer.

**1.02** This test checks that a station reached on an incoming central office trunk can:

- (a) Place the incoming call on hold.
- (b) Call another station for consultation.
- (c) Call another station and that either station by switch hook flash, can add a third station to the connection for a 3-way conference.
- (d) Release a called station when busy tone is returned.
- (e) Release a called station when a don't answer condition occurs.

**1.03** This test requires action and verification at the attendant position, unit under test, and two PBX stations. For convenience the two PBX stations should be located in the same general area. The stations may be two 500-type telephone sets or equivalent connected to two spare or work-

ing station line terminals at the main distributing frame or two customer PBX stations.

**1.04** For purposes of identification the incoming calling party is designated station A, the called station is designated station B, and the station to which the call is transferred is designated station C.

**1.05** *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 2W38A cord assembly consisting of one W2DB cord, 4 feet long, equipped with one 471A jack; and two KS-6870 connecting clips with two 108 cord tips (for use with central office trunks SD-65812-01 and SD-65850-01).

**2.03** 1011G handset (dial hand test set) equipped with 2W37A cord assembly consisting of one W2CK cord, 5 feet long, equipped with 310 plug and 471A jack (for use with central office trunks SD-65893-01 and SD-65895-01).

**SECTION 540-516-300**

**3. PREPARATION**

<b>STEP</b>	<b>ACTION</b>	<b>VERIFICATION</b>
1a	If spare or working station line terminals are used — Connect 500-type telephone set or equivalent to each of the two station line terminals. These are referred to as stations B and C.	
2	Refer to Section 540-105-301 for method of taking trunks out of service.	
3	Connect 1011G handset to trunk unit under test using 2W38A or 2W37A cord assembly. This is referred to as station A.	
4	At 1011G handset — Originate test call to station B.	

**4. METHOD**

<b>STEP</b>	<b>ACTION</b>	<b>VERIFICATION</b>
5	At station B — Flash switch hook.	Dial tone heard. Station A placed on hold.
6	At station B — Dial digits of station C.	Audible ringing heard. At station C — Bell rings.
7	Remove handset from switch hook.	Ringing tripped. At station B — Audible ringing silenced. Stations B and C connected for 2-way conference.
8b	At station B — Flash switch hook.	Stations A, B, and C connected for 3-way conference.
9c	At station C — Flash switch hook.	Stations A, B, and C connected for 3-way conference.
10	At station B — Replace handset on switch hook.	Stations A and C connected for 2-way conference.
11	At station C — Flash switch hook.	Audible ringing heard. Station A placed on hold.
12	At station C — Dial digits of station B.	Audible ringing heard. At station B — Bell rings.

STEP	ACTION	VERIFICATION
13	Remove handset from switch hook.	Ringing tripped. At station C — Audible ringing silenced. Stations C and B connected for 2-way conference.
14c	At station C — Flash switch hook.	Stations A, B, and C connected for 3-way conference.
15b	At station B — Flash switch hook.	Stations A, B, and C connected for 3-way conference.
16	At station C — Replace handset on switch hook.	Stations A and B connected for 2-way conference.
17	At station B — Replace handset on switch hook.	
18	At station A — Originate test call to station C.	
19	At station C — Flash switch hook.	Dial tone heard. Station A placed on hold.
20	At station B — Remove handset from switch hook.	
21	At station C — Dial digits of station B.	Busy tone heard.
22	At station C — Flash switch hook.	Busy tone removed. Stations A and C connected for 2-way conference.
23	At station B — Replace handset on switch hook.	
24	At station C — Flash switch hook.	Dial tone heard. Station A placed on hold.
25	At station C — Dial digits of Station B.	Audible ringing tone heard. At station B — Bell rings.
26	At station C — Flash switch hook.	Audible ringing tone silenced. At station B — Ringing tripped. Stations A and C connected for 2-way conference.
27	At station C — Replace handset on switch hook.	
28a	If no further tests are to be performed — Disconnect telephone sets from spare or working station line terminals.	
29	Disconnect handset from trunk unit under test.	