

DIMENSION® PBX

STATION TEST USING ATTENDANT DSS

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1. GENERAL

- 1.1 This section provides a station call through test using attendant console DSS. Each equipped station will be tested for the following functions.
 - 1.11 Sending off-hook and on-hook supervision as a calling party and called party.
 - 1.12 Detecting dial tone.
 - 1.13 Transmitting dial digits or TOUCH TONE to dial pulse or TOUCH TONE register, respectively.
 - 1.14 Receiving audible ringback tone.
 - 1.15 Receiving ringing signal.

PRIVATE

THE INFORMATION CONTAINED HEREIN SHOULD NOT BE DISCLOSED TO UNAUTHORIZED PERSONS. IT IS MEANT SOLELY FOR USE BY AUTHORIZED BELL SYSTEM EMPLOYEES.

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- 1.16 Testing one-way supervision for those stations which are equipped with origination and/or termination restriction and manual terminating line service features.
- 1.17 Testing all defined busy lamps (if provided) on the BLF of all equipped consoles.
- 1.2 All tests are performed at the cross connect field.
- 1.3 This section does not perform feature test.
- 1.4 Perform this section for the DSS system. Perform Section 540 for the non DSS system.

2. RECORDS

- 2.1 Form SD-97-1313 is required for recording the results of these tests.

3. TOOL AND TEST EQUIPMENT

3.1 Tool

2 - 2500 type TOUCH TONE Telephone Set or ITE 4208A Telephone Hand Set.

3.2 Test Equipment

1 - ITE 5654 Logic Probe (or H05 10525T)
1 - ITE 5632, ITE 5250, or ITE 5356 Digital Voltmeter or equivalent

4. DOCUMENT AND DRAWING

- 4.1 COD - Customer Order Document

5. PROCEDURE

5.1 TESTING STATIONS WITH NON-ORIGINATION AND NON-TERMINATION RESTRICTION AND NON-MANUAL TERMINATING LINE SERVICE FEATURES

- 5.101 Use Line Carrier Cross Connection, Station Line Assignments and Class of Service Assignments of COD for this section.
- 5.102 It is the installer's discretion of using TOUCH TONE or rotary telephone sets for the testing. However, a rotary set can be used on a station with TOUCH TONE line class of service, but a TOUCH TONE set can not be used on a station with rotary line class of service.
- 5.103 Choose a non-restricted station to be tested from Station Line Assignment sheets of the COD. Designate this station as Station A.

- 5.104 Connect a telephone set to Station A at the cross connect field. Connect and activate all equipped consoles and place all of them, but one, in position "busy" condition.
- 5.105 Go off-hook at Station A and verify that dial tone is heard at Station A.
- 5.106 Dial the console. Verify that an audible ringback tone (1.2 seconds on and 4 seconds off) at Station A and incoming call indication at console loop.
- 5.107 At the console, depress ANSWER key. Verify that a good talking connection is established between Station A and console. (For the alphanumeric console, the extension number of the Station A is shown on the display.) The appropriated busy lamp of Station A is on at each console.
- 5.108 Go on-hook at Station A and depress RELEASE key at console. Call is disconnected.
- 5.109 Select the proper Hundreds Group Select key for Station A.
- 5.110 At the console, depress and LOOP key and verify that ATND lamp is on.
- 5.111 Depress the DSS key associated with Station A and verify that the RING and ATND lamps of the associated loop and Station A busy lamp are on. Ringer (two-bursts) is heard at Station A.
- 5.112 Go off-hook at Station A. Verify that a good talking connection is established between the console and Station A; Atnd lamp, ANS lamp and the busy lamp of Station A on each console is on.
- 5.113 Go on-hook at Station A and press RELEASE key at the console. Verify that the connection is disconnected.
- 5.114 Repeat steps 5.103 through 5.113 for the next station until all equipped stations have been tested.

5.2 TESTING STATIONS WITH ORIGINATION RESTRICTION

- 5.21 Select an origination restriction station from the COD and connect a telephone set to this station at the cross connect field. Designate this station as Station A. Connect and activate all equipped consoles and place all of them, but one, in position "busy" condition.
- 5.22 Repeat steps 5.109 through 5.113.
- 5.23 Repeat steps 5.21 and 5.22 for all equipped origination restricted stations.

5.3 TESTING STATIONS WITH TERMINATION RESTRICTION

- 5.31 Select a station with termination restriction as Station A and connect a telephone set to Station A at the cross connect field. Connect and activate all equipped consoles and place all of them, but one, in position "busy" condition.
- 5.32 Repeat steps 5.105 through 5.108.
- 5.33 Repeat steps 5.31 and 5.32 for all equipped termination restricted stations.

5.4 TESTING STATIONS WITH MANUAL TERMINATING LINE SERVICE

- 5.41 Select a manual terminating line service station from the COD as Station A and connect a telephone set at the cross connect field. Connect and activate all equipped consoles and place all of them, but one, in position "busy" condition.
- 5.42 Go off-hook from Station A and verify that Station A receives dial tone.
- 5.43 At Station A, dial an assigned non-restricted station. Verify that Station A receives an audible ringback tone.
- 5.44 Go on-hook at Station A.
- 5.45 At the console, select the proper Hundred Group Select key for Station A and depress an idle LOOP key.
- 5.46 Depress the DSS key associated with Station A. Verify that the RING and ATND lamps of the associated loop and station busy lamp are on and ringer (two bursts) is heard at Station A.
- 5.47 Go off-hook at Station A. Verify that a good talking connection is established between Station A and console. The busy lamp of Station A on each console is on.
- 5.48 At console, depress RELEASE key and go on-hook at Station A. Call is disconnected and the console becomes idle.
- 5.49 Repeat steps 5.41 through 5.48 for all equipped manual terminating line service stations.

→ Arrows indicate new or changed information.

Reason for Issue:
New Section

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