DIMENSION® PBX
FEATURE TEST
ATTENDANT SIX-WAY CONFERENCE

CONTENTS

---

1. GENERAL

1.1 This section provides information to test the Attendant Six-Way Conference feature.

1.2 Attendant Six-Way Conference feature allows one attendant and six called parties to be connected on a conference circuit at one time.

1.3 One LC06 circuit pack is required for each Attendant Six-Way Conference circuit.

2. RECORDS

2.1 Form SD-97-1313 is required for recording the results of this test.

3. TEST EQUIPMENT

3.1

Qty.	Code	Description
6	ITE-4208A	Telephone Hand Set (or 2500 type tel set and 249A Adapter.)
6	ITE-9153L	Cord Assembly
1	ITE-5735	Trunk Test Set, PBX

4. DOCUMENT AND DRAWINGS

4.1 Document

COD - Customer Order Document

4.2 Drawings

SD1E445-01
SD1E480-01

5. PREPARATION

5.1 Select 6 non-origination and non-termination stations from the Station Line Assignment and the Class of Service Assignment of COD. Call these 6 selected stations, Test Stations 1 thru 6.

5.2 Connect 6 telephone sets to Test Station 1 thru Test Station 6 at the test points of line cirduit packs (such as LC02). For LC02 circuit pack, T & R of circuit 0 are TP1 and TP2; T & R of circuit 1 are TP3 & TP4; T & R of circuit 2 are TP5 & TP6; T & R of circuit 3 are TP7 & TP8.

5.3 Place all 6 Test Stations on-hook.

5.4 Place one console in manned condition.

6. PROCEDURE

6.01 From Test Station 1, originate a station-to-console call.

6.02 After a talking connection is established between Test Station 1 and the console, depress the trunk group select key which is assigned to the Attendant Six-Way Conference (ATT. CONF.) circuit(s).

6.021 Verify that the CONT lamp of the associated Attendant Six-Way Conference key and LED of the LC06 circuit pack are lighted. ATND lamp of the associated loop is on (BUSY lamp of the associated Six-Way Conference key would be on during the whole duration of six-way conference call if the PBX system equipped with one Six-Way Conference circuit, LC06).

6.022 Verify that the talking connection between Test Station 1 and the console remains established.

6.03 Add Test Station 2 to the Six-Way Conference circuit. Depress the START key at the console.

6.031 Verify that the Test Station 1 is splitted, the SPLIT lamp (if provided) is on and the DIMENSION PBX dial tone is heard at the console.

6.04   At the console, dial Test Station 2.

6.041   Verify that the RING lamp is on, audible ringback tone is heard at the console and ringer is heard at the Test Station 2.

6.05   Go off-hook at Test Station 2.

6.051   Verify that CONT, ATND and ANS lamps are on at the console, and a talking connection between the console and Test Station 2 is established.

6.06   At the console, depress the trunk group selection key which is assigned to attendant Six-Way Conference.

6.07   Verify that the CONT and ATND lamps are on, and conference connection are established among all parties. Leave all established conference stations off-hooks.

6.08   Add Test Stations 3 through 6 to the conference circuit by repeating steps 6.03 through 6.07.

6.081   Verify that the WARN lamp of the associated Attendant Six-Way Conference key is on while the last conference party is being added to the conference circuit.

6.082   Verify that a conference connection (good trnasmission - no noise) is established among the 6 Test Stations and the attendant console.

6.09   Go on-hook on Test Stations 5 and 6 which would release from the Six-Way Conference circuit automatically.

6.091   Verify that the WARN lamp of the associated Six-Way Conference trunk group select key is extinguished.

6.10   Add two CO parties to the Six-Way Conference circuit. An ITE-5735 (Trunk Test Set) on a loop-around arrangement can be used if none of the CO facilities are available at this time for testing.

6.11   At the console, depress START key, dial the CO access code (and dial the DIMENSION PBX listed number if CO office trunks are being used for this test, and/or ARS is provided) and sieze a selected outgoing CO trunk which is connected to the ITE-5735, Trunk Test Set.

6.111   Wait for the ANS and CW lamps to be turned on at the console.

6.12   Depress HOLD key at the console.

6.121   Verify that the conference connection is being placed on hold, CONT and ATND lamps of the conference loop are off, HOLD lamp of the conference loop is on.

6.122   Verify that an incoming call indication (ICI lamp on INC) is on and ATND lamp of the associated incoming trunk is flashing at the console. The ANS lamp of the associated conference loop is flashing.

6.13   Depress ANS key.

6.131   Verify that the ATND lamp of the associated incoming call is on steadily.

6.14   Transfer the incoming call from the console to Test Station 5 in the following manner:

6.141   Depress START key.

6.1411   Verify that dial tone is heard and incoming trunk call is splitted.

6.142   Dial Test Station 5 and answer the call at Test Station 5.

6.143   Depress RELEASE key at the console.

6.1431   Verify that the incoming call releases from the console and the associated loop becomes idle.

6.15   The console re-enters to the conference loop by depressing the loop key.

6.151   Verify that a talking connection is established between the console and Test Station 5, the ATND and ANS lamps of the conference loop are lighted.

6.16   Add the first CO party which is connected to Test Station 5 to the Six-Way Conference circuit by depressing the trunk group select key which associated with attendant six-way conference.

6.161   Verify that Test Stations 1 through 5 and the attendant console are connected on the conference circuit.

6.162   Verify that the ANS lamp is off, ATND lamp of the conference loop and CONT lamp of the associated Six-Way Conference trunk group select key are lighted steadily.

6.17   Repeat steps 6.11 through 6.162 for the second CO party. Use Test Station 6 instead of Test Station 5 for terminating the loop-around incoming trunk call.

6.171   Verify that the WARN lamp of the associated Six-Way Conference trunk group select key is on steadily.

6.18   Release the console from the conference circuit by depressing the RELEASE key.

6.181   Verify that ATND, ANS, WARN and CONT lamps are off and PA lamp is on.

6.182   Verify that Test Stations 1 through 6 are connected on the conference circuit.

6.19   Recall the attendant console from Test Section 1 by flashing the switch hook.

6.191   Verify that audible ringback tone is heard at the Test Station 1, ATND lamp flashes, and ICI (ICI lamp or CONF) is on steadily.

6.20   At the console, depress ANSWER key.

6.201   Verify that audible ringback tone is removed at the Test Station 1, ATND lamp is on, CONT & WARN lamps of Six-Way Conference key are on, and attendant is connected to conference circuit.

6.21   Release the attendant from the conference circuit by depressing the RELEASE key.

6.211   Verify that ATND, ANS, WARN, and CONT lamps are off and PA lamp is on.

6.22   Go on-hook on all 6 Test Stations.

6.221   Verify that the conference circuit becomes idle: LED of the LC06 circuit pack is off and CONT lamp of the associated Six-Way Conference trunk group select key is off.

6.23   Repeat steps 6.01 through 6.221 for each equipped Six-Way Conference circuit.

6.24   End of the Test Procedure.

Manager, Denver PBX PECC