

DIMENSION[®] PBX
FEATURE TEST

TEST MESSAGE WAITING (LC03) - CONTROL
BY CONSOLE

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1. GENERAL

- 1.1 This section provides testing information for message waiting feature - control by console.
- 1.2 Perform this handbook section where message waiting is either controlled by console, or by both console and inquiry/display terminal (102E1-A Display Unit); otherwise, perform Section 3041 where message waiting is only controlled by inquiry/display terminal.

2. RECORDS

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

3. TOOL AND TEST EQUIPMENT

3.1 Tool

1-500 W/Y Rotary Telephone Set
or
2500 Y/M Touch-Tone Telephone Set
1-249A Adapter

3.2 Test Equipment

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

PRIVATE

4. DOCUMENT

4.1 COD - Customer Order Document

5. PROCEDURE

- 5.01 Use Line Carrier X-Conn, and Station Line Assignments of the COD for this test section.
- 5.02 Either a 500 W/Y or a 2500 Y/M telephone set can be used by installer.
- 5.03 Place one console in manned position (the console should be located at the DIMENSION PBX equipment room at this time).
- 5.04 At the console, depress MSG WAIT key.
- 5.041 Wait for the MSG WAIT lamp to be turned on.
- 5.05 Depress the lowest ADSS Group Select key which equips with LC03 circuit pack(s).
- 5.051 Verify that the Group Select key flashes.
- 5.06 Set up message waiting signal on all the extensions which specified as MSG L in the COD and equipped with LC03 circuit packs (telephone set will be terminated later) by depressing their associated ADSS keys on the attendant console. Refer to the Station Line Assignment of the COD for all the assigned message waiting stations.
- 5.061 Verify that all the associated ADSS/BSF lamps are lighted steadily.
- 5.07 Repeat steps 5.05 thru 5.061 for each equipped ADSS Group until all the message waiting extensions have been activated with message waiting signal.
- 5.08 Redisplay the lowest ADSS Group (same as step 5.05) by depressing the associated ADSS Group Select key.
- 5.09 Connect either a 500 W/Y or a 2500 Y/M telephone set to one of the the extensions with message waiting. Connection of the telephone set should be done on the LC03 circuit pack by means of a 249A adapter.

Where:

- Test Points 1 & 2 of LC03 - Tip & Ring of CKT 0
- Test Points 3 & 4 of LC03 - Tip & Ring of CKT 1
- Test Points 5 & 6 of LC03 - Tip & Ring of CKT 2
- Test Points 7 & 8 of LC03 - Tip & Ring of CKT 3

- 5.091 Verify that the message waiting lamp on the telephone set is flashing.
- 5.10 Go off-hook on the telephone set.
- 5.101 Verify that the message waiting lamp is off.
- 5.11 Go on-hook on the telephone set and the message waiting lamp should resume flashing.
- 5.12 Remove the message waiting signal on this telephone set which is accomplished by depressing its ADSS key.
- 5.121 Verify the ADSS/BSF lamp on the console and message waiting lamp of the associated telephone set are extinguished.
- 5.13 Repeat steps 5.09 thru 5.121 for each message waiting station (walking thru all stations in an accenting order) of the selected ADSS Group.
- 5.14 Repeat steps 5.08 thru 5.13 for all equipped ADSS Groups.
- 5.15 At this time, all working stations with message waiting feature have been completely tested and all of their message waiting lamps have been turned off.
- 5.16 If the system is arranged with message waiting - control by both console and 102 E1-A Display Unit, one additional message waiting test is required from the 102E 1-A Display Unit setting up one message waiting to one station per HB 282, Section 3041. Otherwise, the message waiting feature test is completed.

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