

DIMENSION® PBX
FEATURE TEST

TEST MESSAGE WAITING (LC03) - CONTROL BY
INQUIRY/DISPLAY TERMINAL,
102 E1-A Display Unit

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1. GENERAL

- 1.1 This section provides testing information for message waiting - control by inquiry/display terminal.
- 1.2 Perform this test section where message waiting is controlled by inquiry/display terminal (102 E1-A Display Unit); otherwise, perform Section 3040 where message waiting is controlled by console, or controlled by both console and 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

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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3.2 Test Equipment

- 1 - ITE-5654 Logic Probe (or H5 10525T)
- 1 - ITE-5632 Digital Voltmeter (or equivalent)
- or
- ITE-5250
- or
- ITE-5356

4. DOCUMENT

4.1 COD - Customer Order Document

5. PROCEDURE

5.01 Use Line Carrier X-Conn, and Station Line Assignment 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 Temporarily connect the 102 E1-A Display Unit to the DIMENSION PBX at the PBX equipment room at this time.

5.04 Connect a telephone set to one of message waiting extension to be tested. Connection of the telephone set should be done on the LC03 circuit pack by means of a 249A adapter (Note -all message waiting extensions are specified as MSG L in the COD and equipped with LC03 circuit packs. It is recommended that selecting the extensions to be tested in an accenting numerical order).

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

5.05 If the 102 E1-A Display Unit is also used for Station Message Register Service, go to step 5.09; otherwise, go to next step. (Note - the 102E1-A Display Unit will automatically extinguish after four minutes. When the 102 E1-A Display Unit is not in use, we assume that the Display Unit is in the time-out condition and is being reverted to the station message register service mode).

5.06 Dial the first digit of the selected extension number.

5.061 Verify that - - is displayed in the MESSAGE UNITS field of the 102 E1-A.

5.07 Dial the remaining digits of the selected extension number, and then dial #.

- 5.08 Go to step 5.101.
- 5.09 Activate the 102 E1-A Display Unit for message waiting by dialing * and 4.
- 5.091 Verify that - $\overline{\square}$ - is displayed in the MESSAGE UNITS field of the Display Unit.
- 5.10 At the 102 E1-A Display Unit, dial the selected extension number and then dial #.
- 5.101 Verify that the selected extension number is displayed in the EXTENSION NUMBER field and $\overline{\square}$ - $\overline{\square}$ is displayed in the MESSAGE UNITS field.
- 5.11 At the Display Unit, dial * and 2.
- 5.111 Verify that the MESSAGE WAITING ON lamp at the Display Unit is lighted and the the message waiting lamp on the telephone set is flashing.
- 5.12 Go off-hook on the telephone set.
- 5.121 Verify that the message waiting lamp is off.
- 5.13 Go on-hook on the telephone set and the message waiting lamp should resume flashing.
- 5.14 Remove the message waiting signal on this telephone set by dialing * and 2.
- 5.15 Verify that the MESSAGE WAITING ON lamp at the Display Unit and the message waiting lamp on the telephone set are off.
- 5.16 If the system is arranged with message waiting - control by 102 E1-A Display Unit only, repeat steps 5.04 thru 5.15 for all assigned message waiting (MSG L) extensions.
- If the system is arranged with message waiting - control by both console and 102 E1-A Display Unit, go to next step since one test call is required.
- 5.17 This completes the message waiting feature test.