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DIMENSION<sup>®</sup> PBX  
DCTS FEATURE TEST  
MANUAL INTERCOM

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1. GENERAL

1.1 This section provides information to test the DIMENSION Custom Telephone Service (DCTS) Manual Intercom feature. Both the Manual Signalling and the Automatic Signalling type are covered in this section.

1.2 The Manual Intercom feature allows the station user the capability of accessing the other stations by operating the Manual Intercom button. If Manual Signalling is provided, the station user can then signal the desired station by operating the proper Manual Signalling button. If Automatic Signalling is provided, the other station associated with the intercom is automatically signalled when the Manual Intercom button is operated. When Automatic Signalling is provided only two stations can be assigned to the same intercom; otherwise, without Automatic Signalling a maximum of 16 stations can be assigned to the same intercom.

2. RECORDS

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

3. TEST EQUIPMENT

<u>3.1 QTY</u>	<u>ITE</u>	<u>DESCRIPTION</u>
2		Electronic Key Telephone Sets

4. PROCEDURE

4.1 Manual Intercom (Manual Signalling)

4.11 Using the DCTS Intercom Assignments section of the Customer Order Document as a guide, determine if there are any Manual Intercoms of signal type = 0. If there are not, go to step 4.3.

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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4.12 Connect the EKT sets to the termination field so that the following requirements are met.

Station A Provided with a Manual Intercom (Signal Type = 0).

Station B Provided with the same Manual Intercom number as Station A.

4.2 Manual Intercom (Signal Type = 0) Test Procedure

4.21 At Station A, momentarily operate the Manual Intercom button, and then go off-hook. Verify:

(a) At Station A, that the I-Use and status lamps light steadily.

(b) At Station B, that the status lamp associated with the Manual Intercom being tested lights steadily.

4.22 At Station B, momentarily operate the Manual Intercom button associated with the steadily lit status lamp and then go off-hook. Verify:

(a) At Station B, that the I-Use and status lamps light steadily.

(b) That a transmission path exists between Station A and Station B.

4.3 Manual Intercom (Automatic Signalling (Signal Type = 1))

4.31 Using the DCTS Intercom Assignments section of the Customer Order Document, determine if there are any Manual Intercoms of signal type = 1. If there are not, go to step 4.43, otherwise, go to the next step.

4.32 Connect two EKT sets to the termination field so that the following requirements are met:

Station A Provided with a Manual Intercom (Signal Type = 1).

Station B Provided with the same Manual Intercom number as Station A.

4.4 Manual Intercom (Automatic Signalling) Test Procedures

4.41 At Station A, momentarily operate the Manual Intercom (Signal Type = 1) and then go off-hook. Verify:

(a) At Station A, that the I-Use and status lamps light steadily, and that ringback is heard.

(b) At Station B, that the status lamp, associated with the Manual Intercom being tested, flashes and that the tone ringer sounds.

- 4.42 At Station B, momentarily operate the Manual Intercom button associated with the flashing lamp and then go off-hook. Verify:
- (a) At Station B, that the Manual Intercom I-Use and status lamps light steadily and that the tone ringer is extinguished.
  - (b) At Station A, that ringback is extinguished and that a transmission path exists between Station A and Station B.
- 4.43 This completes the testing of the Manual Intercoms per this section.

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