DIMENSION® PBX
FEATURE TEST
REMOTE ACCESS TO PBX SERVICES

CONTENTS

1. GENERAL
2. TEST EQUIPMENT
3. SYSTEM CONFIGURATION
4. SHARED REMOTE ACCESS
5. FEATURE VERIFICATION
6. 4 DIGIT PRIVATE AUTHORIZATION
7. SHARED REMOTE ACCESS RESTORATION
8. RESTORATION

1. GENERAL

1.1 This section provides testing information for the Remote Access to PBX Services feature.

1.2 This feature allows a user outside the PBX to access the PBX services via an Exchange Network Connection. The user dials a pre-established DDD number to connect to the PBX and then dials a 4 digit Private Authorization Code. The user may then place any call or use any services as if the user were at a PBX station depending upon the Class of Service limitations assigned this feature. The calling telephone and PBX must be arranged for TOUCH TONE to provide the Remote Access to PBX Services feature.

1.3 DID Trunks or One-Way Incoming Trunks may be used to provide this feature. DID Trunks must be dedicated to this feature and provide this service at all times. The One-Way Incoming Trunk must be in a dedicated trunk group but may be used on a dedicated or shared remote access basis. When used on a shared remote access basis the One-Way Incoming Trunks provide LDN service normally, but when the night service key is activated the trunks are used for Remote Access to PBX Services. The One-Way Incoming Trunks should be dedicated if this feature is to be provided at all times.

1.4 The Console operator has the ability to change the 4 digit Private Dial Authorization Code. To do this a Change Authorization Code followed by the new 4 digit Private Dial Authorization Code is dialed. Confirmation tone (three short bursts of dial tone) is received to indicate that the change has been accepted.

2. TEST EQUIPMENT

2.1 A TOUCH TONE telephone set having access to the Exchange Network. Calls may be placed from the local Test Center or any line accessible which is outside of the PBX being tested.

3. SYSTEM CONFIGURATION

3.1 Trunks

3.11 The trunk configuration required for these tests will vary depending upon whether this is a new PBX or replacing an existing PBX. Provide a testing configuration for access to trunk circuits for your particular situation.

3.12 Determine if trunks being used for remote access to PBX Services have the shared or dedicated option. This can be found in the computer generated output sheets, provided with the system, under system and feature summary. If trunks are dedicated, omit sections referring to Shared Remote Access.

4. SHARED REMOTE ACCESS (OPTIONAL)

4.1 Place an incoming call, using a TOUCH TONE telephone, on a trunk used for Remote Access to PBX.

4.11 Call should be directed to the Console as a LDN call.

4.2 Request Console operator to place system on Night Service.

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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5. FEATURE VERIFICATION

5.1 Using a TOUCH TONE telephone, place an incoming call on a trunk used for Remote Access to PBX Services.

5.11 Caller receives spurt of ringing then receives dial tone.

5.2 Dial 4 digit Private Authorization Code.

5.21 Second dial tone provided.

5.3 Access particular service to be tested by dialing correct access code.

5.31 Verify that particular service has been accessed.

5.4 Repeat Paragraphs 5.1 - 5.31 for each PBX Service to be remotely accessed. (WATS, Tie Trunks, Miscellaneous Trunk Groups, Paging, etc.). Rotate trunks for tests to use each Remote Access Trunk.

6. 4 DIGIT PRIVATE AUTHORIZATION CODE CHANGE

6.1 At Console seize a loop, press START key and dial Change Authorization Code followed by a new 4 digit Private Authorization Code (equal to original Authorization Code +1).

6.11 Confirmation tone received (three short bursts of dial tone).

6.2 Using a TOUCH TONE telephone, place an incoming call on a trunk used for Remote Access to PBX Services.

6.21 Caller receives spurt of ringing then dial tone.

6.3 Dial original 4 digit Private Authorization Code.

6.31 Caller receives intercept tone.

6.4 Place another call over trunk used for Remote Access to PBX Services.

6.41 Caller receives a spurt of ringing then dial tone.

6.5 Dial new 4 digit Private Authorization Code (original Authorization Code +1).

6.51 Second dial tone provided.

6.6 Wait approximately 10 seconds.

6.61 Intercept tone received.

6.7 Caller hang-up.

6.8 At Console seize a loop, press START key and dial Change Authorization Code followed by the original 4 digit Private Authorization Code.

6.81 Confirmation tone received (three short bursts of dial tone).

6.9 Using a TOUCH TONE telephone, place an incoming call on a trunk used for Remote Access to PBX Services.

6.91 Caller receives a spurt of ringing then dial tone.

6.10 Dial original 4 digit Private Authorization Code.

6.101 Second dial tone heard.

6.11 Hang-up.

7. SHARED REMOTE ACCESS RESTORATION (OPTIONAL)

7.1 If trunks are being used as shared remote access, take system out of Night Service at the Console.

8. RESTORATION

8.1 Determine if part of existing setup can be utilized for next test and restore all other facilities to normal.

Attachments: Figures 1 and 2 on Pages 3 and 4.

Manager, Denver PBX PECC

REMOTE ACCESS TO PBX SERVICES

REMOTE ACCESS TRUNKS (CIRCLE ONE) SHARED DEDICATED

REMOTE ACCESS AUTHORIZATION CODE _____

CHANGE REMOTE ACCESS CODE _____

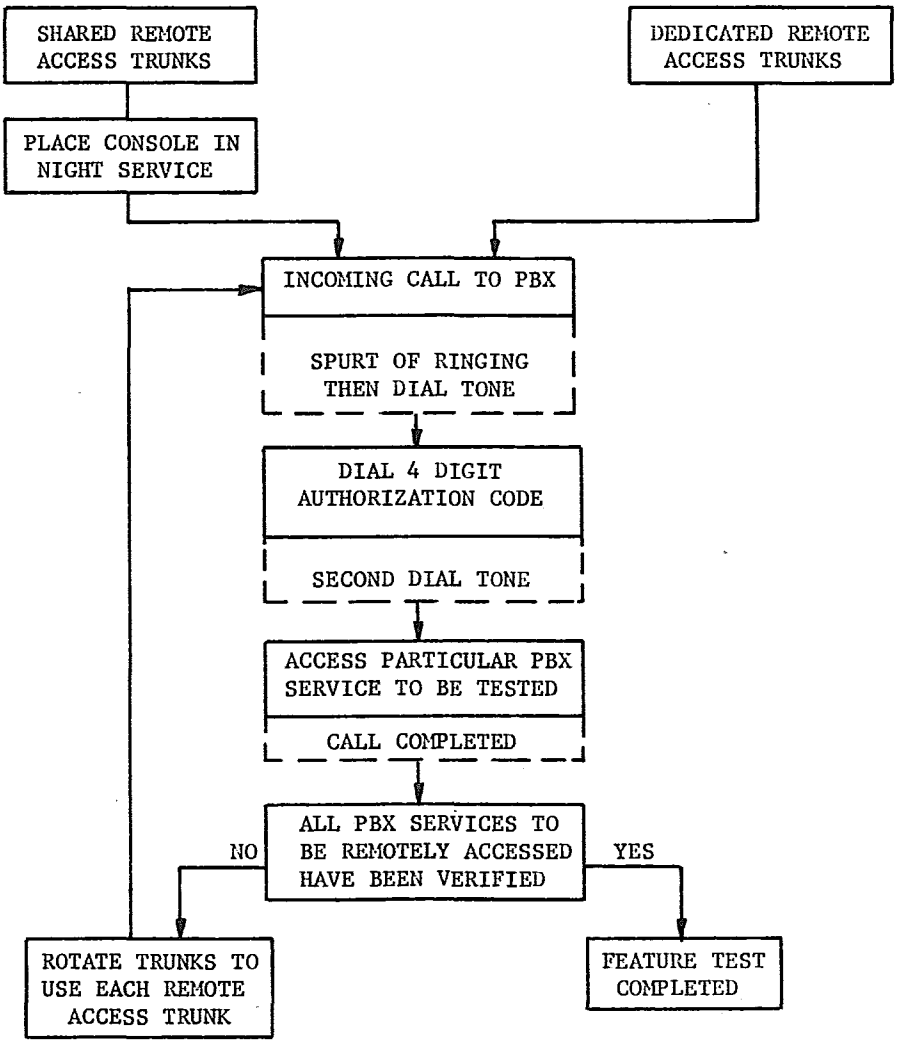

FIGURE 1

4 DIGIT PRIVATE AUTHORIZATION CODE CHANGE

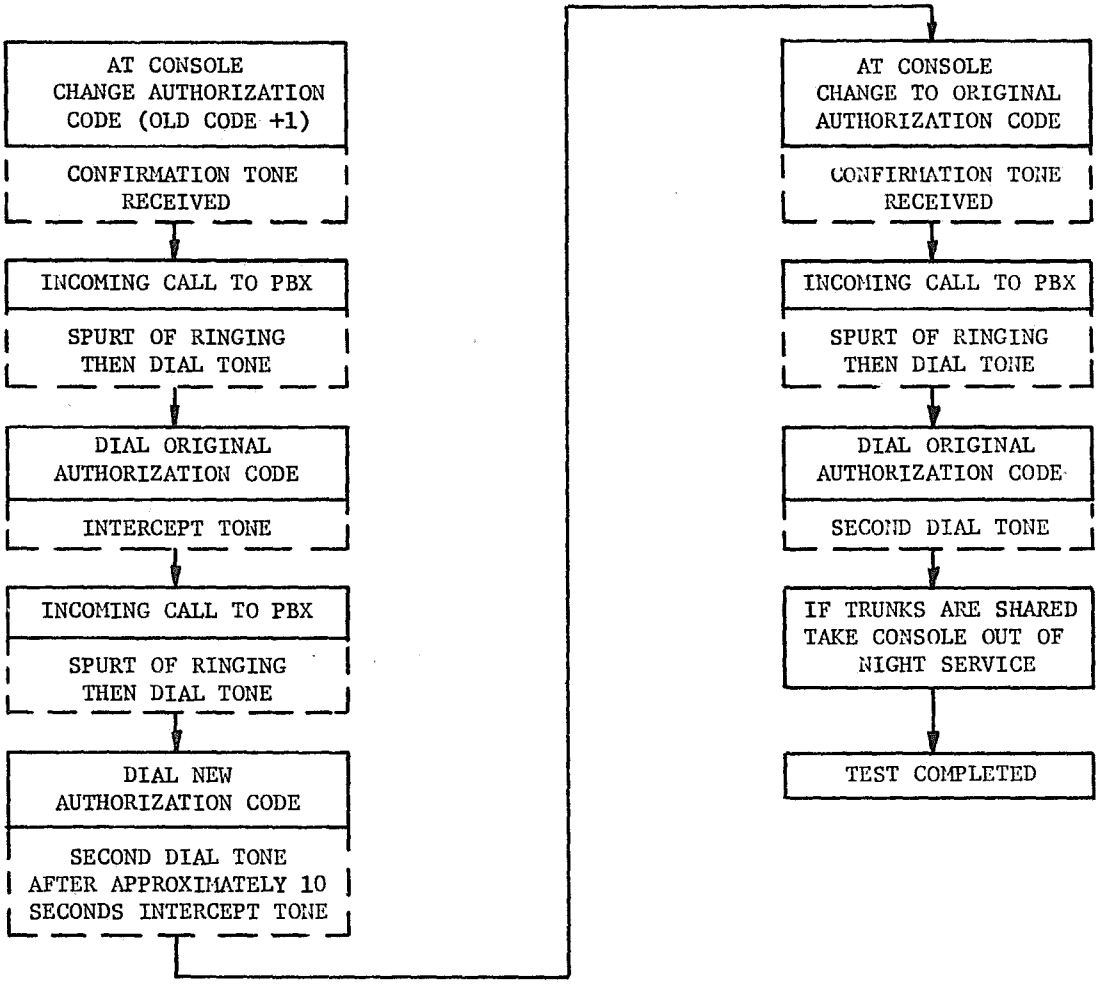

FIGURE 2