Enterprise IP Solutions

OfficeServ 12   Programming Guide

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INTRODUCTION

Purpose

This guide is a programming description for OfficeServ 12 system users. OfficeServ 12 allows you to utilize a digital phone to simply change the system setup. Likewise, using a phone to change the system setup is called MMC(Man Machine Communication) program.

This guide describes how to use a digital phone to use MMC. When there are questions about OfficeServ 12 system or damage to the phone, please call your authorised Samsung reseller.

Document Content and Organization

This programming guide is composed of a total of 2 chapters. Each chapter is introduced as follows :

CHAPTER 1. Before Programming

This chapter describes things to know before starting MMC programming and about the buttons of digital phone and cautions.

CHAPTER 2. MMC Programming

This chapter describes how to use each MMC program as it was listed.

Conventions

The following special paragraphs are used in this document to point out information that must be read.

	WARNING
	Indicates a potentially hazardous situation which if not avoided, could result in death or serious injury.

	CAUTION
	Indicates a potentially hazardous situation which if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

	CHECKPOINT
	Provides the operator with checkpoints for stable system operation.

	NOTE
	Indicates additional information as a reference.

Reference

OfficeServ 12 Installation Guide

Introduces the installation related information for OfficeServ 12 system.

WIP-5000M User Guide

This is a user's guide for WIP-5000M that is designed to use wireless LAN provided from the OfficeServ 12 system.

Revision History

EDITION	DATE OF ISSUE	REMARKS
00	09. 2003.	First Draft

SAFETY CONCERNS

For product safety and correct operation, the following information must be given to the operator/user and shall be read before the installation and operation.

Symbols

	Caution
	Indication of a general caution

	Restriction
	Indication for prohibiting an action for a product

	Instruction
	Indication for commanding a specifically required action

⚠ CAUTION

Trunk Member Deletion

e trunk can appear in more than one trunk group. If necessary, delete the trunk member from other groups to prevent accidental access.

Digital Phone Volume Control

'Program 807 Digital Phone Voice Quality Control ' seriously affects the system credibility. Please call the reseller where you purchased the product to get an expert's advice.

Compliance with the National Version Standard

For the national version, OfficeServ 12 is designed to comply with the standard of the corresponding country.

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INTRODUCTION

CHAPTER 1. Before Programming

CHAPTER 2. MMC Programming

ABBREVIATION

LIST OF FIGURES

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CHAPTER 1

Before Programming

In this chapter, the things to know before you start MMC programming, and the phone buttons and cautions will be discussed.

1   Introduction to Programming

The MMC program means the changes on the data that is used for the system operation program. There are 3 levels of MMC programming, such as technician, operator, and station levels. According to the programming level, the station can program or cannot program the data change. The technician level programming and the operator level programming require a passcode for each level while the station level programming does not require a passcode.

1.1   Technician Level Program

This level is allowed to program every level of program.
This level of programming can be done on every phone within the system, but it can be done for only one phone at a time.

1.2   Operator Level Program

An technician can do programming within the range set by the MMC 802-Operator Program Range Setting.
Programming is allowed for any phone within the tenant group, but it can be done for only one phone at a time.

1.3   Station Level Program

Programming can be done for only station level programs.

2 Phone Buttons

There are several phones that are allowed for MMC programming ; DCS Euro phones(24B/12B/6B LCD), DS-4000 series phones(DS-4028E, DS-4018E, DS-4008E), DS-5000D series phone(DS-5038D, DS-5021D, DS-5014D) and ITP-5000D series phone(ITP-5021D, ITP-5014D)

2.1 DCS Euro phones

The following figure shows the shape of 24B/12B LCD DCS Euro phone.
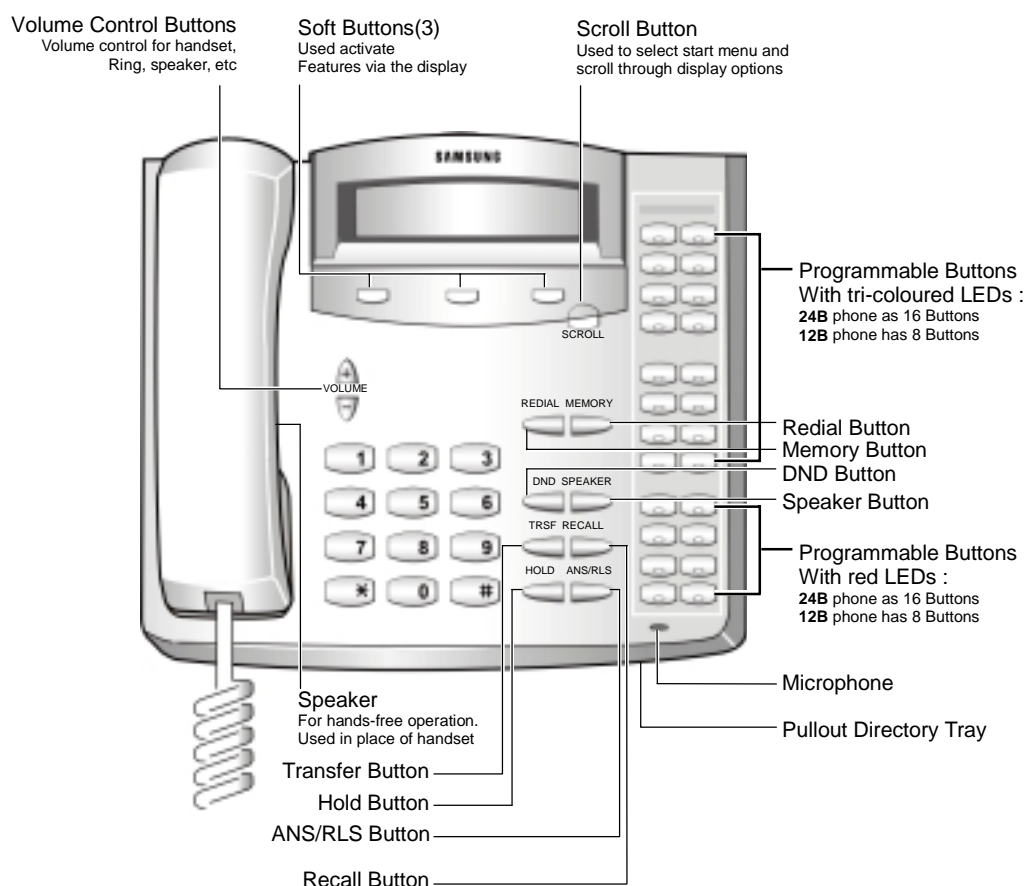
Figure 1.1 24B LCD DCS Euro Phone

24B LCD phone has 24 programmable buttons : left column is numbered 1-12 from the top; right column is numbered 13-24 from the top.

12B LCD phone has 12 programmable buttons numbered 1-12 from top to bottom.

By default : Button 1 and 2 are set as CALL buttons. CALL buttons flash for incoming calls. Button 24(24B LCD phone) or button 12(12B LCD phone) is set as

MSG button. The MSG button flashes to indicate message waiting.

When MMC programming, other functions programmed on the programmable buttons are as follows :

- ANS/RLS Button : Answer and release calls
- Hold Button : Hold Calls
- Memory Button : Speed dialing button
- Redial Button : Last number redial
- Transfer Button : Transfer current call(or enter MMC programming mode)
- Speaker Button : Switch on speakerphone

2.2 DS-4000 Series phones

The following figure shows the shape of DS-4028E phone among DS-4000 series phones.
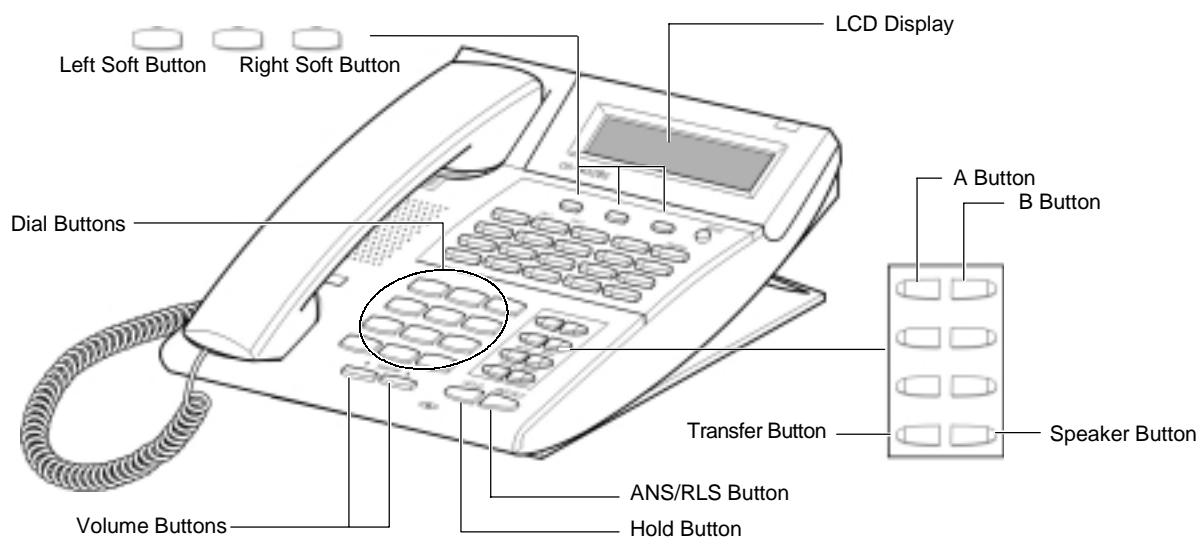
Figure 1.2 DS-4028E Phone

Among 3 Soft buttons, the first one is called the 'Left Soft button', which is used to save the modified data or to move the cursor inside the LCD display in the left direction.

Among 3 Soft buttons, the third one is called the 'Right Soft button', which is used to save the modified data or to move the cursor in the right direction.

Among 8 programmable buttons, the first 6 programmable buttons are assigned as 'A'-'F' to carry out specific functions or usage while programming. Generally, these buttons perform specific functions that you set for each corresponding button.

When MMC programming, other functions programmed on the programmable buttons are as follows :

- Volume Button : Search the selected items.
- Soft Buttons : Move the cursor
- Speaker Button : Save data and proceed to the next program
- Hold Button : Erase the previously entered item
- A Button : Select either a capital letter or small letter
- B Button : Select either a Korean character or English character
- Transfer Button : Enter the programming code

2.3   DS / ITP-5000D Series Phones

There are several DS/ITP-5000D series phones, such as DS-5038D, DS-5021D, DS-5014D, ITP-5021D, ITP-5014D as shown in the figures below :
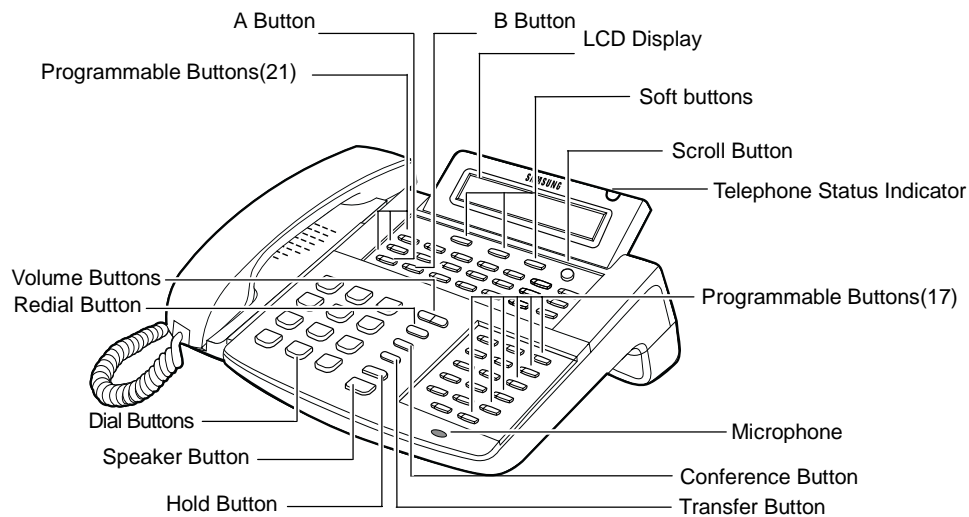
Figure 1.3 DS-5038D Phone
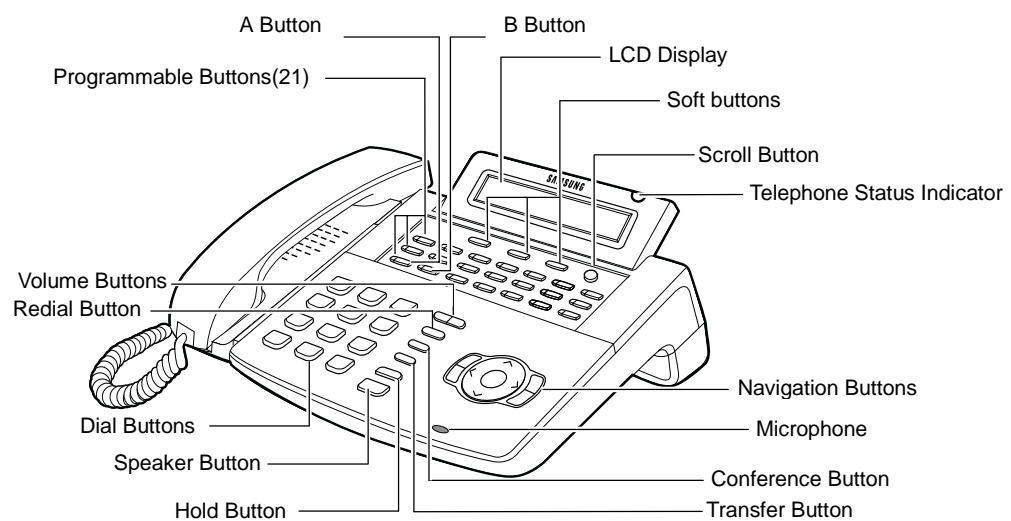
Figure 1.4 DS-5021D/ITP-5021D Phone
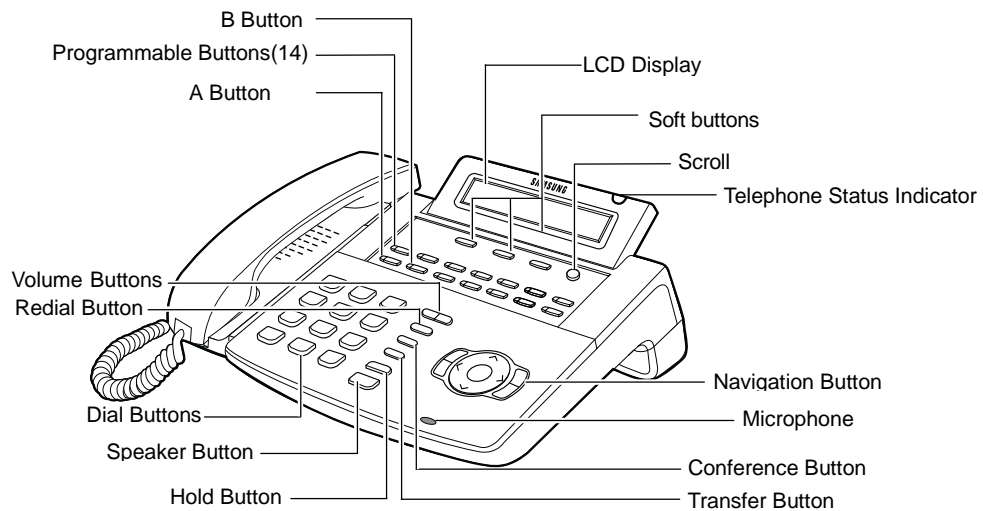
Figure 1.5 DS-5014D/ITP-5014D Phone

The DS-5000D series phones have 38/21/14 programmable buttons that a station can register any functions he/she wants to use. Also, there are several other function buttons : the dial buttons, the volume button for controlling a voice volume, the redial button that allows to redial the latest phone number, the conference button that can be used during the conference, the transfer button that is used to transfer a call received during a phone conversation to another station, the hold button to hold a call for a while, the speaker button, and the navigation buttons that are designed for the convenience of phone users.

And, there is the LCD display that displays the station status and various other kinds of information. With three colors like red, green, and yellow, the station status indicator displays the current status of station.

When MMC programming, other functions programmed on the programmable buttons are as follows :

- Volume Button : Search the selected items.
- Soft Buttons : Move the cursor
- Speaker Button : Save data and proceed to the next program
- Hold Button : Erase the previously entered item
- A Button : Select either a capital letter or small letter
- B Button : Select either a Korean character or English character
- Transfer Button : Enter the programming code

3   Cautions in Programming

- Programming can be done while the handset is placed on the phone at a idle state.

- Programming can be done on any phone.

- Programming can be done only on the phone, not on normal phone.

- If the phone does not have the LCD display, press the numbers using the dial buttons as instructed by the programming guide, without using the volume buttons. However, if the phone does not have Soft buttons, certain programming cannot be done. Therefore, only the station level programming is allowed on the phone that does not have the LCD display.

- If the LCD displays an 'INVALID DATA' message while programming, this means that the entered data is invalid. Enter the correct data again.

- The content of the displayed message for each step shows the status after each step is executed.

- If no key is pressed for a certain period of time during programming   (Key program end time, default is 60 seconds), it becomes a idle state from programming mode.

- If the phone is off hook while programming, it becomes a dial state from programming mode.

- Before the modified data is confirmed by pressing Left Soft button or Right Soft button, the Speaker or Transfer button is pressed to make it at a idle state or the phone is unplugged. In this case, the data entered up to that time will be automatically saved as the data displayed on the LCD.

4   Program List

The MMC program can be divided into programmable one and non-programmable one. The programmable MMC is classified into 3 levels, such as technician, operator, and station level. In this section, the programmable MMC for each level will be introduced.

4.1   Station Level Programming

MMC Program No	Program Description
MMC : 100	Station Lock
MMC : 101	Change User Passcode
MMC : 102	Call Forward
MMC : 103	Set Answer Mode
MMC : 104	Station Name
MMC : 105	Station Speed Dial
MMC : 106	Station Speed Dial Name
MMC : 107	Key Extender
MMC : 108	Station Status
MMC : 109	Date Display
MMC : 110	Station On/Off
MMC : 111	Phone Ring Tone
MMC : 112	Alarm Reminder Clock
MMC : 113	View Memo Number
MMC : 114	Phone Volume
MMC : 115	Set Programmed Message
MMC : 116	Alarm And Message
MMC : 117	Edit Text Message
MMC : 118	Conference Group
MMC : 119	Caller ID Display
MMC : 121	Phone Language
MMC : 122	News Display Speed

4.2   Operator Level Programming

4.2.1   System Related MMC

MMC Program No	Program Description
MMC : 200	Open Customer Programming
MMC : 201	Change Customer Passcode
MMC : 202	Change Feature Passcode
MMC : 203	Assign UA Device
MMC : 204	Common Bell Control
MMC : 205	Assign Loud Bell
MMC : 206	Barge-In Type
MMC : 207	Assign VM/AA Port
MMC : 208	Assign Ring Type
MMC : 209	Assign Add-On Module
MMC : 210	Customer On/Off per Tenant
MMC : 211	Door Ring Assignment
MMC : 214	DISA Alarm Ringing Station
MMC : 217	Traffic Report Option
MMC : 219	Common Relay Service Type
MMC : 220	ISDN Service Type

4.2.2   Station Related MMC

MMC Program No	Program Description
MMC : 300	Customer On/Off per Station
MMC : 301	Assign Station COS
MMC : 302	Pickup Groups
MMC : 303	Assign Boss/Secretary
MMC : 304	Assign Extension/Trunk Use
MMC : 305	Assign Forced Code
MMC : 306	Hot Line/Off Hook Selection
MMC : 308	Assign Background Music Source
MMC : 309	Assign Station MOH Source
MMC : 310	LCR Class Service
MMC : 312	Allow Caller ID
MMC : 314	Confirm Outgoing Call
MMC : 315	Customer Set Relocation
MMC : 316	Copy Station/Trunk Use
MMC : 317	Assign Station/Station Use
MMC : 318	Distinctive Ringing

MMC Program No	Program Description
MMC : 319	Branch Group
MMC : 320	Preset Forward No Answer
MMC : 323	Calling Party Number

4.2.3 Trunk Related MMC

MMC Program No	Program Description
MMC : 400	Customer On/Off per Trunk
MMC : 401	Trunk Line/PBX Line
MMC : 402	Trunk Dial Type
MMC : 403	Trunk Toll Class
MMC : 404	Trunk Name
MMC : 405	Trunk CO Tel Number
MMC : 406	Trunk Ring Assignment
MMC : 407	Forced Trunk Release
MMC : 408	Assign Trunk MOH Source
MMC : 409	Trunk Status Read
MMC : 410	Assign DISA Trunk
MMC : 414	PRS Signal
MMC : 415	Report Trunk Abandon Data
MMC : 418	BRI Card Restart
MMC : 419	BRI Options
MMC : 421	MSN Digit
MMC : 422	Trunk COS
MMC : 423	Station/Trunk Mode
MMC : 424	BRI S0 Mapping
MMC : 425	Assign Caller ID Trunks
MMC : 426	Trunk Gain Control
MMC : 428	Assign Trunk/Trunk Use
MMC : 434	Connection Status
MMC : 436	Trunk TMC Gain

4.2.4 Timer and Tone Related MMC

MMC Program No	Program Description
MMC : 500	System-Wide Counters
MMC : 501	System Timers
MMC : 502	Station-Wide Timers
MMC : 503	Trunk-Wide Timer
MMC : 504	Pulse Make/Break Ratio
MMC : 505	Assign Date And Time
MMC : 506	Tone Cadence
MMC : 507	Assign Ring Plan Time
MMC : 508	Call Cost
MMC : 510	SLI Ring Cadence
MMC : 512	Holiday Assignment
MMC : 514	Tone Source
MMC : 515	Assign Daylight Saving Date

4.2.5 Group Related MMC

MMC Program No	Program Description
MMC : 600	Assign Operator Group
MMC : 601	Assign Station Group
MMC : 602	Station Group Name
MMC : 603	Assign Trunk Group
MMC : 604	Assign Station To Page Zone
MMC : 605	Assign External Page Zone
MMC : 606	Assign Speed Block
MMC : 608	Assign Review Block
MMC : 609	Call Log Block
MMC : 611	Allow Text Messaging
MMC : 612	Allow Group Conference
MMC : 614	Station/Trunk Use Group
MMC : 615	MGI Group
MMC : 616	MGI User

4.2.6 Tables, Codes and VM MMC

MMC Program No	Program Description
MMC : 700	Copy COS Contents
MMC : 701	Assign COS Contents
MMC : 702	Toll Deny Table
MMC : 703	Toll Allowance Table
MMC : 704	Assign Wild Character
MMC : 705	Assign System Speed Dial
MMC : 706	System Speed Dial By Name
MMC : 707	Authorization Code
MMC : 708	Account Code
MMC : 709	Toll Pass Code/Special Code Table
MMC : 710	LCR Digit Table
MMC : 711	LCR Time Table
MMC : 712	LCR Route Table
MMC : 713	LCR Modify Digit Table
MMC : 714	DID Number And Name Translation
MMC : 715	Programmed Station Message
MMC : 716	UK LCR Options
MMC : 718	My Area Code
MMC : 720	Copy Key Programming
MMC : 721	Save Station Key Programming
MMC : 722	Station Key Programming
MMC : 723	System Key Programming
MMC : 724	Dial Numbering Plan
MMC : 725	SMDR Options
MMC : 726	VM/AA Options
MMC : 727	System Version Display
MMC : 728	CID Translation Table
MMC : 740	Station Pair
MMC : 750	VM System Restart
MMC : 751	Assign Mailbox
MMC : 752	Auto Record
MMC : 753	Warning Destination
MMC : 754	VM Halt
MMC : 755	VM Alarm

MMC Program No	Program Description
MMC : 756	Assign VM MOH
MMC : 757	VM In/Out

4.3　Technician Level Programming

MMC Program No	Program Description
MMC : 800	Enable Technician Program
MMC : 801	Change Technician Passcode
MMC : 802	Customer Access MMC Number
MMC : 803	Assign Tenant Group
MMC : 805	Level And Gain
MMC : 807	Phone Volume Control
MMC : 809	System MMC Language
MMC : 811	Reset System
MMC : 812	Set Country Code
MMC : 815	Customer Database Copy
MMC : 816	Conference Gain
MMC : 818	Program Download
MMC : 820	Assign System Link ID
MMC : 822	Set Virtual Extension Type
MMC : 823	Assign Network COS
MMC : 824	Network Dial Translation
MMC : 825	Assign Networking Option
MMC : 829	LAN Printer Parameter
MMC : 830	Ethernet Parameters
MMC : 832	VoIP Access Code
MMC : 833	VoIP IP Table
MMC : 834	H.323 Options
MMC : 835	MGI DSP Options
MMC : 836	H.323 GK Options
MMC : 837	SIP Options
MMC : 840	IP Phone Information
MMC : 841	System IP Options
MMC : 845	WLAN Para
MMC : 846	WIP INFO

MMC Program No	Program Description
MMC : 847	WBS Reset
MMC : 848	WIP List
MMC : 849	WLAN Regist
MMC : 850	System Resource Display
MMC : 851	Alarm Reporting
MMC : 852	System Alarm Assignments
MMC : 853	Maintenance Busy
MMC : 856	Tech Programming Logs
MMC : 858	Assign System Emergency Alarm
MMC : 861	System Options
MMC : 890	Initialize Port

5 Overview of Programming Procedure

Here, the order of programming will be discussed before explaining programming method of each list. Please read the description carefully before programming.

The programming order is as follows :

1) Make the programmable state.
- Press the Transfer button at pause.
- Enter the program number, either 200 or 800.
- Enter either the operator passcode or the technician passcode.
- Press 1 dial button to 'enable' the programming mode.
- In case of Program 800 Technician Program Mode Setting, enter the tenant number to be programmed.

2) Make the program number selectable state.
    If the Speaker button is pressed, the program selection mode appears.
    Or, if the Transfer button is pressed, the programming state ends and the pause state begin.

3) Select a program.
    Enter the program number.
    Or, select the program number with the Volume button and press the Speaker button.
    Or, Press Transfer button in a pause state and enter the program number.

4) Start programming the corresponding program.

CHAPTER 2

MMC Programming

In this chapter, how to use each program will be discussed according to each program list.
First, you set the phone in the programmable state, then either set or change the value according to the corresponding programming procedure. To set the phone in the programmable state, see the 'Overview of Programming Procedure' of chapter1 in this guide.

100 Station Lock

Allows the system administrator or technician to lock or unlock an individual station or all stations simultaneously. The three options are as follows :

No	Option	Description
0	UNLOCKED	Unlocks a locked station.
1	LOCKED OUT	The phone cannot make calls outside the system. It can however make and receive intercom calls and receive incoming Trunk Line calls. When in this mode the Hold button of the phone will flash slow RED.
2	LOCKED ALL	The phone cannot make or receive any calls. When in this mode the Hold button of the phone will light steady RED.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 100
   Display shows

   ```
   [201] STN LOCK
   UNLOCKED
   ```

2. Dial station number(e.g., 205)
   OR
   Press Volume button to select station and use
   Right Soft button to move cursor
   OR
   Press ANS/RLS button to select all stations

   ```
   [205] STN LOCK
   UNLOCKED
   ```

   ```
   [ALL] STN LOCK
   ?
   ```

3. Enter 0 to unlock or 1 to lock(e.g., 1)
   OR
   Press Volume button to make selection and press
   Right Soft button to return to step 2

   ```
   [205] STN LOCK
   LOCKED OUT
   ```

4. Press Transfer button and enter to save and exit
   OR
   Press Speaker button to save and advance to next
   MMC

DEFAULT DATA

ALL STATIONS UNLOCKED

RELATED ITEMS

STATION USER PROGRAMMING

101 Change User Passcode

Allows the system administrator or technician to reset any phone's passcode to its default value of '1234'. This MMC cannot display station passcodes ; it can only reset them to default.

Phone users can set or change their individual passcodes. The passcode is used to lock or unlock the phone for toll restriction(call barring) override and to access the DISA feature.

> **NOTE**   Default passcodes cannot be used for toll restriction override or for DISA access.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry

ACTION

PROCEDURE	DISPLAY

1. Press Transfer button and enter 101
   Display shows

   ```
   [201] PASSCODE
   PASSCODE:****
   ```

2. Dial phone number(e.g., 205)
   OR
   Use Volume button to scroll through phone
   numbers and press Right Soft button to move
   the cursor right

   ```
   [205] PASSCODE
   PASSCODE:****
   ```

3. Press Hold button to reset passcode

   ```
   [205] PASSCODE
   PASSCODE:1234
   ```

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

ALL STATION PASSCODES : 1234

RELATED ITEMS

MMC 100 STATION LOCK

102 Call Forward

Allows the system administrator to program the call forward destinations for other station users. This MMC also allows call forward to be set after the destination has been entered.

Allows several types of call forwarding : FORWARD ALL, FORWARD NO ANSWER, FORWARD BUSY and FORARD DND. There is an additional option, FORWARD BUSY/NO ANSWER, that allows both of these options to be activated at the same time, provided that destinations have been entered for both.

0 : FORWARD CANCEL
1 : FORWARD ALL CALL
2 : FORWARD BUSY
3 : FORWARD NO ANSWER
4 : FORWARD BUSY/NO ANSWER
5 : FORWARD DND

All types forwarding can be set external number. In MMC 701 Class of Service, if 'FORWARD' is set 'OFF', you cannot set call forward but can cancel it. And if 'EXT FWD' is set 'OFF', you cannot set external number.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 102
    Display shows

    ```
    [201] FORWARD
    0:FORWARD CANCEL
    ```

2. Dial station number(e.g., 205)
    OR
    Press Volume button to select station and press
    Right Soft button to move cursor

    ```
    [205] FORWARD
    0:FORWARD CANCEL
    ```

3. Dial 0-* to select forward type
   OR
   Press Volume button to select forward type and
   press Right Soft button to move cursor

```
[205] FORWARD
1:ALL CALL:NONE
```

4. Dial destination number(e.g., 201)
   OR
   Press Volume button to select destination and
   press Right Soft button to move cursor

```
[205] FORWARD
1:ALL CALL:201
```

5. Dial 1 for YES, 0 for NO
   OR
   Press Volume button to select YES or NO and
   press Right Soft button to return to step 2

```
[205] FORWARD
CURENTLY SET :YES
```

6. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance to next MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 301 ASSIGN STATION COS
MMC 501 SYSTEM TIMERS
MMC 502 STATION TIMERS
MMC 701 ASSIGN COS CONTENTS
MMC 722 STATION KEY PROGRAMMING
MMC 723 SYSTEM KEY PROGRAMMING

103 Set Answer Mode

Allows the system administrator to change the answer mode of any phone.
Each phone can have its answer mode set to one of the following options :

No	Answer Mode	Description
0	RING MODE	The phone will ring in one of eight custom ring patterns. Calls are answered by pressing the ANS/RLS Button or by lifting the handset.
1	AUTO ANSWER MODE	After giving a short attention tone, the phone will automatically answer calls on the speakerphone. When a Trunk line is transferred to a phone in Auto Answer, the screened portion of the call will be Auto Answer, but the phone will ring when the transfer is complete if you have not pressed the ANS/RLS Button or lifted the handset.
2	VOICE ANNOUNCE MODE	The phone will not ring. After a short attention tone, callers can make an announcement but the ANS/RLS Button or handset must be used to answer calls.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 103
   Display shows

   ```
   [201] ANS MODE
   RING MODE
   ```

2. Dial phone number(e.g., 205)
   OR
   Press Volume button to select phone and press
   Right Soft button to move cursor
   OR
   Press ANS/RLS button to select All

   ```
   [205] ANS MODE
   RING MODE
   ```

   ```
   [ALL] ANS MODE
   ?
   ```

3. Dial 0, 1 or 2 to change ring mode
    OR
    Press Volume button to select ring mode and
    press Right Soft button to return to step 2 above

```
[205] ANS MODE
VOICE ANNOUNCE
```

4. Press Transfer button and enter to exit
    OR
    Press Speaker button to advance next MMC

DEFAULT DATA

ALL PHONES RING

RELATED ITEMS

MMC 111 PHONE RING TONE

104 Station Name

Allows the system administrator or technician to enter an 11-character name to identify an individual station.

Names are written using the keypad. Each key press selects a character. Pressing the dial keypad key moves the cursor to the next position. For example, if the directory name is 'SAM SMITH', press the number '7' four times to get the letter 'S'. Now press the number '2' once to get the letter 'A'. Continue selecting characters from the table below to complete your message. Pressing A button will change the letter from upper case to lower case.

	When the character you want appears on the same dial keypad key as the previous character, press the Volume Up button to move the cursor to the right.

Count	1	2	3	4	5
DIAL 0	<	>	.	)	0
DIAL 1	Space	?	,	!	1
DIAL 2	A	B	C	@	2
DIAL 3	D	E	F	#	3
DIAL 4	G	H	I	$	4
DIAL 5	J	K	L	%	5
DIAL 6	M	N	O	^	6
DIAL 7	P	Q	R	S	7
DIAL 8	T	U	V	*	8
DIAL 9	W	X	Y	Z	9
DIAL *	:	=	[	]	*

The # button can be used for the following special characters : #, space, &, !, : , ?, ., ,, %, $, -, <, >, /, =, [,], @, ^, (,), _, +, {, }, |, ; , ", →,` , and \.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- A   Acts as toggle between upper case and lower case

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 104
    Display shows

```
[201] STN NAME
```

2. Dial station number(e.g., 205)
    OR
    Press Volume button to select station and press
    Right Soft button to move cursor

```
[205] STN NAME
_
```

3. Enter the station name using the procedure
    described above and press Right Soft button to
    return to step 2

```
[205] STN NAME
SAM SMITH
```

4. Press Transfer button and enter to exit
    OR
    Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

NONE

105 Station Speed Dial

Allows the system administrator or technician to program the personal speed dial locations assigned to a station. This must be done for single line telephones because these stations cannot access programming. Each station may have up to 50 locations or bins assigned to it in MMC 606 Assign Speed Block. The speed dial bins are numbered 00-49. Each speed dial number consists of a trunk or trunk group access code followed by a separator and up to 24 digits to be dial. These dial digits may consist of 0-9, * and #. If the system recognizes a valid trunk or trunk group access number, it will automatically insert the separator.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- B   Used to insert a flash code 'F'
- C   Used to insert a pause code 'P'
- D   Used to insert a pulse/tone conversion code 'C'
- E   Used to mask/unmask following digits(shows as '[' or ']')
- F   Used to enter name for speed dial bin(see MMC 106)

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 105
   Display shows

   ```
   [201] SPEED DIAL
   00:
   ```

2. Dial station number(e.g., 205)
   OR
   Press Volume button to select station and press
   Right Soft button to move cursor

   ```
   [205] SPEED DIAL
   00:
   ```

   If selected station has no speed dial bins, the
   display will be as shown and a new station may
   be selected

   ```
   [205] SPEED DIAL
   SPDBLK NOT EXIST
   ```

3. Dial location number(e.g., 05)
   OR
   Press Volume button to select location and press
   Right Soft button to move cursor

   ```
   [205] SPEED DIAL
   05:_
   ```

4. Enter trunk access code(e.g., 9) followed by the number to be dialled(e.g., 4264100)
    OR
    Press the Right Soft button to return to step 2
    OR
    Press the Left Soft button to return to step 3
    Press HOLD button to clear an entry
    If an error is made, use DOWN arrow to step back

```
[205] SPEED DIAL
05:9-4264100_
```

5. Press 'F' button to access MMC 106 Station Speed Dial Name
    OR
    Press Transfer button and enter to save and exit
    OR
    Press Speaker button to save and advance to next MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 106 STATION SPEED DIAL NAME
MMC 606 ASSIGN SPEED BLOCK

106 Station Speed Dial Name

Allows an 11-character name to be entered for each personal speed dial location. This name enables the speed dial number to be located when the directory dial feature is used. The directory dial feature allows the display phone user to select a speed dial location by viewing its name.

Names are written using the keypad. Each key press selects a character. Pressing the dial keypad key moves the cursor to the next position. For example, if the directory name is 'SAM SMITH, ' press the number '7' four times to get the letter 'S'. Now press the number '2' once to get the letter 'A'. Continue selecting characters from the table below to complete your message. Pressing A button will change the letter from upper case to lower case.

> **NOTE** When the character you want appears on the same dial keypad key as the previous character, press the Volume Up button to move the cursor to the right.

Count	1	2	3	4	5
DIAL 0	<	>	.	)	0
DIAL 1	Space	?	,	!	1
DIAL 2	A	B	C	@	2
DIAL 3	D	E	F	#	3
DIAL 4	G	H	I	$	4
DIAL 5	J	K	L	%	5
DIAL 6	M	N	O	^	6
DIAL 7	P	Q	R	S	7
DIAL 8	T	U	V	*	8
DIAL 9	W	X	Y	Z	9
DIAL *	:	=	[	]	*

The # button can be used for the following special characters : #, space, &, !, :, ?, ., ,, %, $, -, <, >, /, =, [,], @, ^, (,), _, +, {, }, |, ; , ", →,` , and \.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- A   Acts as toggle between upper case and lower case

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 106
   Display shows

   ```
   [201] SPEED NAME
   00:
   ```

2. Dial station number(e.g., 205)
   OR
   Press Volume button to select station and press
   Right Soft button to move cursor
   If selected station has no speed dial bins, the
   display will be as shown and a new station may
   be selected

   ```
   [205] SPEED NAME
   00:
   ```

   ```
   [305] SPEED NAME
   SPDBLK NOT EXIST
   ```

3. Dial speed dial location(e.g., 01)
   OR
   Press Volume button to scroll through location
   numbers and press Right Soft button to move
   cursor

   ```
   [205] SPEED NAME
   01:_
   ```

4. Enter the location name using the procedure
   described above and press Right Soft button to
   return to step 2

   ```
   [205] SPEED NAME
   01:SAM SMITH
   ```

5. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 105 STATION SPEED DIAL
MMC 606 ASSIGN SPEED BLOCK

107 Key Extender

Use this program to view the programmable buttons assigned to phone station.
In addition, it allows the system administrator to assign key extenders to some keys that will make a general access feature key more specific. The feature keys that can have extenders are listed below :

Feature	Extender
AB	Absence(extension number)
ACC	Account code bin(000-999)
BOSS	Boss and Secretary(1-4)
CR	VM Call Record
DIR	Directory dial by name type(1-3)
DP	Direct Pickup(extension or station group number)
DS	Direct Station Select(station number)
FWRD	Call Forward(0-7)
GPIK	Group Pickup(01-99)
IG	IN/Out of Group(station group number)
MMPG	Meet Me Page(0-9, *)
MW	Message Waiting(extension or station group number)
PAGE	Page(0-9, *)
PARK	Park Orbits(0-9)
RP	Ring Plan(1-6)
SG	Station Group(station group number)
PMSG	Programmed Station Messaging(01-20)
SPD	Speed Dial(00-49, 500-999)
VM	VM Memo(extension or station group number)
VT	Voice Transfer(VM group number)

> **NOTE**
> When the Right Soft button will not move the cursor to the right, you are attempting to add an extender to a key that cannot have one.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 107
   Display shows first station

   ```
   [201] EXT (MAST)
   01:CALL1→
   ```

2. Dial station number(e.g., 205)
   OR
   Use Volume button to scroll through station
   numbers and press Right Soft button to move the
   cursor

   ```
   [205] EXT (MAST)
   01:CALL1→
   ```

3. Press the Right Soft button to
   program the phone
   OR
   Use Volume button to scroll through the phone and
   AOM's and use the Right Soft button to move the
   cursor

   ```
   [201] EXT (MAST)
   01:CALL1→
   ```

   ```
   [201] EXT (AOM1)
   01:DS→
   ```

4. Enter key number(e.g., 18)
   OR
   Use Volume button to scroll through keys and use
   Right Soft button to move the cursor
   OR
   Press the key to be programmed
   Dial extender according to above table.
   System will return to this step. If no more entries,
   press Left Soft button to return to step 2

   ```
   [205] EXT (MAST)
   18:DS→
   ```

   ```
   [205] EXT (MAST)
   18:DS207→
   ```

5. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 720 COPY KEY PROGRAMMING
MMC 721 SAVE STATION KEY PROGRAMMING
MMC 722 STATION KEY PROGRAMMING
MMC 723 SYSTEM KEY PROGRAMMING
MMC 724 DIAL NUMBERING PLAN

108 Station Status

Displays the following attributes of a station port. This is a READ-ONLY MMC :

No	Station Port Attribute	Description
0	PORT #	Cabinet(1-3)/Slot(1-9)/Port(1-16)
1	TYPE	Phone Type
2	PICKUP GROUP	None, 01-99
3	SGR	Station Group Number
4	PAGE	None, Page Zone(0-4, *)
5	COS NO	COS(1-30) per Ring Plan(01-06)
6	TENANT GROUP	Tenant Group Number(1-2)

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE

DISPLAY

1. Press Transfer button and enter 108
   Display shows first station

```
[201] STN STATUS
PORT NO:DLI-01
```

2. Dial station number(e.g., 205)

```
[205] STN STATUS
PORT NO:DLI-01
```

   Press Volume button to select station and press
   Right Soft button to move cursor

3. Dial 0-9 to select station status type
   OR
   Press Volume button to select status and press
   Right Soft button to return to step 2

```
[205] STN STATUS
PORT NO:DLI-01
```

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

PORT # : FOLLOWS HARDWARE POSITION
TYPE : DEPENDENT ON CONNECTED PHONE
PICKUP GRP : NONE
SGR : NONE
PAGE ZONE : NONE
COS NUMBER : 01 IN ALL RING PLANS
TENANT GRP : 1

RELATED ITEMS

MMC 301 ASSIGN STATION COS
MMC 302 PICKUP GROUPS
MMC 601 ASSIGN STATION GROUP
MMC 604 ASSIGN STATION TO PAGE ZONE

109 Date Display

Allows the system administrator or technician to select the date and time display mode on a per-station basis or system-wide.

No	Display Item	Description
0	COUNTRY	Sets overall display format and has two options :
		0=ORIENTAL MM/DD DAY HH:MM
		1=WESTERN DAY DD MON HH:MM
1	CLOCK	Sets format of clock display and has two options :
		0=12 HOUR Displays 1 P.M. as 01:00
		1=24 HOUR Displays 1 P.M. as 13:00
2	DISPLAY	Sets format of DAY and MON display and has two options :
		0=UPPER CASE Displays Friday as FRI and March as MAR
		1=LOWER CASE Displays Friday as Fri and March as Mar

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE

DISPLAY

1. Press Transfer button and enter 109
   Display shows

   ```
   [201] DAY FORMAT
   COUNTRY:WESTERN
   ```

2. Dial station number(e.g., 205)

   ```
   [205] DAY FORMAT
   COUNTRY:WESTERN
   ```

   Press Volume button to select station and press
   Right Soft button to move cursor
   OR
   Press ANS/RLS button for all phones

   ```
   [ALL] DAY FORMAT
   COUNTRY:?
   ```

3. Dial 0-2 to select mode
   OR
   Press Volume button to scroll through modes and
   press Right Soft button to move cursor

   ```
   [205] DAY FORMAT
   COUNTRY:ORIENTAL
   ```

4. Press Volume button to scroll through formats
    and press Right Soft button to return to step 2

5. Press Transfer button and enter to exit
    OR
    Press Speaker button to advance next MMC

DEFAULT DATA

COUNTRY : WESTERN
CLOCK : 12 HOUR
DISPLAY : LOWER CASE

RELATED ITEMS

MMC 505 ASSIGN DATE AND TIME

110 Station On/Off

Allows the system administrator to set any of the phone features listed below :

No	Features	Default	Description
00	AUTO HOLD	OFF	Automatically places an existing Trunk Line call on hold if a CALL button, trunk key or trunk route key is pressed during that call.
01	AUTO TIMER	ON	Automatically starts the stopwatch timer during a Trunk Line call.
02	HEADSET USE	OFF	When ON, this feature disables the hook switch allowing a headset user to answer all calls by pressing the ANS/RLS button.
03	HOT KEYPAD	ON	When ON, this feature allows you to dial directory numbers without having to first lift the handset or press the Speaker button.
04	KEY TONE	ON	Allows you to hear a slight tone when pressing buttons on phone.
05	PAGE REJOIN	ON	Allows you to hear the latter part of page announcements if phone becomes free during a page.
06	RING PREF.	ON	When OFF, requires you to press the fast flashing button to answer a ringing call after lifting the handset.
07	CALL COST	OFF	When ON, the cost of the call in progress will show in the upper right corner of the phone display instead of duration of the call.
08	AUTO CAMPON	OFF	When ON, phone users can allow intercom calls to camp-on to other phones without having to press a CAMP-ON key.
09	AME BGM	OFF	This feature selects whether a station using Answer Machine Emulation will hear their personal greeting or BGM while callers are listening to the personal greeting. A BGM source must be selected for this to work.
10	AME PASSCODE	OFF	When ON, station users who have AME set must enter their station password to listen to messages being left.
11	DISP SPDNAME	OFF	When ON, the speed dial name associated with a speed dial number is displayed on a phone equipped a LCD display when using speed dial.
12	CID REVW ALL	ON	When ON, saves information on all calls that ring at an extension, When OFF, saves information only on calls that were not answered at the extension or by voice mail.
13	SECURE OHVA	ON	When ON, OHVA announcements will be heard on the handset. When OFF, OHVA announcements will be heard over the phone speaker.

No	Features	Default	Description
14	NOT CONT.CID	ON	When OFF, the Caller ID will be continue display after the phone user answered call.
15	AUTO ANS CO	OFF	When On, the incoming CO call will be answered follows phone answer mode.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 110
   Display shows

   ```
   [201] STN ON/OFF
   AUTO HOLD   :OFF
   ```

2. Dial the option number from above list(e.g., 4)
   OR
   Press Volume button to select the option and press
   the Right Soft button to move the cursor

   ```
   [201] STN ON/OFF
   HOT KEYPAD  :OFF
   ```

3. Press Volume button to select ON or OFF
   Press the Left or Right Soft button to return to step 2
   OR
   Dial 1 for ON or 0 for OFF

   ```
   [201] STN ON/OFF
   HOT KEYPAD  :ON
   ```

4. Press Transfer button and enter to exit

DEFAULT DATA

SEE DESCRIPTION
SOME OPTIONS ARE DEPEND ON COUNTRY

RELATED ITEMS

MMC 301 ASSIGN STATION COS
MMC 701 ASSIGN COS CONTENTS

111 Phone Ring Tone

Allows the system administrator or technician to select the ring tone heard at each phone. There are eight ring tones available at each phone. A short tone burst of the selection will be heard when the dial keypad is pressed.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 111
   Display shows

   ```
   [201] RING TONE
   SELECTION  5
   ```

2. Dial phone number(e.g., 205)
   OR

   ```
   [205] RING TONE
   SELECTION  5
   ```

   Press Volume button to select station and press
   Right Soft button to move cursor
   OR
   Press ANS/RLS button to select All

   ```
   [ALL] RING TONE
   SELECTION  ?
   ```

3. Dial 1-8 to select ring tone
   OR

   ```
   [205] RING TONE
   SELECTION  5
   ```

   Press Volume button to select ring tone and press
   Right Soft button to move cursor

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

FREQUENCY 5

RELATED ITEMS

MMC 114 PHONE VOLUME

112 Alarm Reminder Clock

Allows the system administrator or technician to set or change the alarm clock/appointment reminder feature for any station. This must be done for single line telephones, as they cannot access programming. Three alarms may be set for each station and each alarm may be defined as a one-time or TODAY alarm or as a DAILY alarm, as described below : The TODAY alarm is automatically cancelled after it rings, while the DAILY alarm rings every day at the same time. Alarm numbers are 1, 2 and 3. In the case of Secondary Pair assignments(MMC 220) the alarm only rings the station that is programmed and does not ring the paired station.

No	Alarm Mode	Description
0	NOTSET	No alarm
1	TODAY	Alarm only once
2	DAILY	Alarm daily at set time

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 112
   Display shows

   ```
   [201] ALM CLK(1)
   HHMM:→NOTSET
   ```

2. Dial station number(e.g., 205)

   ```
   [205] ALM CLK(1)
   HHMM:→NOTSET
   ```

   Press Volume button to select station and press Right Soft button

3. Dial 1-3 to select alarm(e.g., 1)
   OR
   Press Volume button to select alarm and press Right Soft button

   ```
   [205] ALM CLK(1)
   HHMM:→NOTSET
   ```

4. Enter alarm time in 24-hour clock format
   (e.g., 1300 for 1pm)

   ```
   [205] ALM CLK(2)
   HHMM:1300→NOTSET
   ```

5. Dial entry from above list for alarm type(e.g., 2)
   OR
   Press Volume button to select alarm type and
   press Right Soft button to move cursor and return
   to step 2

```
[205] ALM CLK(2)
HHMM:1300➔DAILY
```

6. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

ALARMS ARE NOTSET

RELATED ITEMS

NONE

113 View Memo Number

Allows a station user the ability to view a memo left by the user. A memo can be left by entering it via the dial keypad using the table below : A memo of up to and including 13 characters can be entered. For example, using the dial keypad, press '6' once to enter the letter 'M', and press '3' twice for an 'E'. Pressing the A button will change the letters from upper case to lower case.

> When the character you want appears on the same dial keypad key as the previous character, press the Volume Up button to move the cursor to the right.

Count	1	2	3	4	5
DIAL 0	<	>	.	)	0
DIAL 1	Space	?	,	!	1
DIAL 2	A	B	C	@	2
DIAL 3	D	E	F	#	3
DIAL 4	G	H	I	$	4
DIAL 5	J	K	L	%	5
DIAL 6	M	N	O	^	6
DIAL 7	P	Q	R	S	7
DIAL 8	T	U	V	*	8
DIAL 9	W	X	Y	Z	9
DIAL *	:	=	[	]	*

The # button can be used for the following special characters: #, space, &, !, :, ?, ., ,, %, $, -, <, >, /, =, [,], @, ^, (,), _, +, {, }, |, ; ,", →,` , and \.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- A   Acts as toggle between upper case and lower case

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 113
    Display shows

```
[201] VIEW MEMO
1:
```

2. Press Right Soft button to move cursor and add
    memo via dial keypad using procedure above

```
[205] VIEW MEMO
1:NEED BREAD
```

3. Press Transfer button and enter to exit
    OR
    Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

NONE

114 Phone Volume

Allows the station user or system administrator to set the ring volume, off hook ring volume, handset receive volume, speaker volume, background music volume and page volume for any or all phones.

No	Item	Description
0	RING VOL	This is the volume setting for the phone ringer. There are eight volume levels : level 1 is the lowest and level 8 the highest.
1	OFF-RING VOL	This is the volume of the alert tone that tells you there is a call camped on to your phone. There are eight volume levels : level 1 is the lowest and level 8 the highest.
2	HANDSET VOL	This is the volume setting for conversations on the handset receiver. There are eight volume levels : level 1 is the lowest and level 8 the highest.
3	SPEAKER VOL	This is the receive volume setting for conversations on the speaker phone of a phone. There are 16 volume levels : level 1 is the lowest and level 16 the highest.
4	BGM VOL	This is the volume you will hear background music over the phone speaker at when your phone is idle and BGM is turned on. There are 16 volume levels : level 1 is the lowest and level 16 the highest.
5	PAGE VOL	This is the volume you will hear internal page over the phone speaker when your phone is idle and BGM is turned on. There are 16 volume levels : level 1 is the lowest and level 16 the highest.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 114
   Display shows

   ```
   [201] STN VOLUME
   RING VOLUME :4
   ```

2. Dial phone number(e.g., 205)

   ```
   [205] STN VOLUME
   RING VOLUME :4
   ```

3. Press Volume button to select volume type

```
[205] STN VOLUME
SPEAKER VOL :13
```

4. Press Volume button to select volume

```
[205] STN VOLUME
SPEAKER VOL :08
```

5. Press Transfer button and enter to exit
    OR
    Press Speaker button to advance next MMC

DEFAULT DATA

RING VOLUME : 4
OFF-HOOK RING VOLUME : 4
HANDSET VOLUME : 4
SPEAKER VOLUME : 13
BGM VOLUME : 13
PAGE VOLUME : 13

RELATED ITEMS

MMC 111 PHONE RING TONE

115 Set Programmed Message

Allows the system administrator to set a programmed message at any or all phones. There are 20 messages available. The first ten are pre-programmed and the remaining entries can be customized in MMC 715, Programmed Station Message. The last five message are can be modified by each phone user.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 115
   Display shows

   ```
   [201] PGMMSG(00)
   CANCEL PGM MSG
   ```

2. Dial station number(e.g., 205)
   OR
   Press Volume button to select station and
   press Right Soft button to move cursor
   OR
   Press ANS/RLS button to select All

   ```
   [205] PGMMSG(00)
   CANCEL PGM MSG
   ```

   ```
   [ALL] PGMMSG(??)
   ```

3. Dial an entry number to select message number
   (e.g., 05)
   OR
   Press Volume button to select message and press
   Right Soft button to return to step 2

   ```
   [205] PGMMSG(05)
   PAGE ME
   ```

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

NO MESSAGES SELECTED

RELATED ITEMS

MMC 715 PROGRAMMED MESSAGE
MMC 722 STATION KEY PROGRAMMING
MMC 723 SYSTEM KEY PROGRAMMING

116 Alarm And Message

Allows the system administrator or technician to set or change the alarm clock/appointment reminder feature for any station. This must be done for single line telephones because they cannot access programming. Three alarms may be set for each station and each alarm may be defined as a one-time or TODAY alarm or as a DAILY alarm, as described below : The TODAY alarm is automatically cancelled after it rings, while the DAILY alarm rings every day at the same time. It is also possible to set a message to display when the alarm is sounded.

No	Alarm Mode	Description
0	NOTSET	No alarm
1	TODAY	Alarm only once
2	DAILY	Alarm daily at set time

Names are written using the keypad. Each key press selects a character. Pressing the dial keypad key moves the cursor to the next position. For example, if the message is 'SAM SMITH, ' press the number '7' four times to get the letter 'S'. Now press the number '2' once to get the letter 'A'. Continue selecting characters from the table below to complete your message. Pressing the bottom left programmable button will change the letter from upper case to lower case.

> **NOTE** When the character you want appears on the same dial keypad key as the previous character, press the Volume Up button to move the cursor to the right.

COUNT	1	2	3	4	5
DIAL 0	<	>	.	)	0
DIAL 1	Space	?	,	!	1
DIAL 2	A	B	C	@	2
DIAL 3	D	E	F	#	3
DIAL 4	G	H	I	$	4
DIAL 5	J	K	L	%	5
DIAL 6	M	N	O	^	6
DIAL 7	P	Q	R	S	7
DIAL 8	T	U	V	*	8
DIAL 9	W	X	Y	Z	9
DIAL *	:	=	[	]	*

The # button can be used for the following special characters: #, space, &, !, :, ?, ., ,, %, $, -, <, >, /, =, [,], @, ^, (,), _, +, {, }, |, ;,", ➔,` , and \.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- A   Acts as toggle between upper case and lower case

ACTION

PROCEDURE	DISPLAY

1. Press Transfer button and enter 116
   Display shows

```
[201] ALM REM(1)
HHMM:→NOTSET
```

2. Dial station number(e.g., 205)
   OR
   Press Volume button to select station and press
   Right Soft button to move cursor
   OR
   Press ANS/RLS button to select all stations

```
[205] ALM REM(1)
HHMM:→NOTSET
```

```
[ALL] ALM REM(1)
HHMM:→NOTSET
```

3. Dial 1-3 to select alarm(e.g., 2)
   OR
   Press Volume button to select alarm and press
   Right Soft button to move cursor

```
[205] ALM REM(2)
HHMM:→NOTSET
```

4. Enter alarm time in 24-hour clock format
   (e.g., 1300 for 1pm)
   Display will automatically advance to step 5

```
[205] ALM REM(2)
HHMM:1300→NOTSET
```

5. Dial valid entry from above list for alarm type
   (e.g., 2)
   OR
   Press Volume button to select alarm type and
   press Right Soft button to move cursor

```
[205] ALM REM
HHMM:1300→DAILY
```

6. Enter messages using above table and press Right
   Soft button to return to step 2

```
[205] ALM REM
Sam SMITH
```

7. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

ALARMS ARE NOTSET

RELATED ITEMS

NONE

117 Edit Text Message

Allows the system administrator or technician to set or change text message for any station. One station can use up to 10 text messages.
In MMC 611 Text Message Station set USED station only uses this feature.

Messages are written using the keypad. Each key press selects a character. Pressing the dial keypad key moves the cursor to the next position. For example, if the message is 'SAME TIME', press the number '7' four times to get the letter 'S'. Now press the number '2' once to get the letter 'A'. Continue selecting characters from the table below to complete your message. Pressing the bottom left programmable button will change the letter from upper case to lower case.

	When the character you want appears on the same dial keypad key as the previous character, press the Volume Up button to move the cursor to the right.
NOTE	

Count	1	2	3	4	5
DIAL 0	<	>	.	)	0
DIAL 1	Space	?	,	!	1
DIAL 2	A	B	C	@	2
DIAL 3	D	E	F	#	3
DIAL 4	G	H	I	$	4
DIAL 5	J	K	L	%	5
DIAL 6	M	N	O	^	6
DIAL 7	P	Q	R	S	7
DIAL 8	T	U	V	*	8
DIAL 9	W	X	Y	Z	9
DIAL *	:	=	[	]	*

The # button can be used for the following special characters: #, space, &, !, :, ?, ., ,, %, $, -, <, >, /, =, [,], @, ^, (,), _, +, {, }, |, ;,", →,` , and \.

PROGRAM BUTTONS

- VOLUME　　Used to scroll through options
- KEYPAD　　Used to enter selections
- SOFT　　Move cursor left and right
- SPEAKER　Used to advance next MMC
- HOLD　　　Used to clear previous entry
- A　　　　　Acts as toggle between upper case and lower case

ACTION

PROCEDURE

DISPLAY

1. Press Transfer button and enter 117
   Display shows

   ```
   [201] TXTMSG (01)
   Blank Message
   ```

2. Dial station number(e.g., 205)
   OR
   Press Volume button to select station and press
   Right Soft button to move cursor

   ```
   [205] TXTMSG (01)
   Blank Message
   ```

3. Dial 01-10 to select message
   OR
   Press Volume button to select message and press
   Right Soft button to move cursor

   ```
   [205] TXTMSG (02)
   Blank Message
   ```

4. Enter messages using above table and press Right
   Soft button to return to step 3

   ```
   [205] TXTMSG (02)
   SAME TIME
   ```

5. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

BLANK MESSAGE

RELATED ITEMS

MMC 611 TEXT MESSAGE STATION

118 Conference Group

Allows the system administrator or technician to set one touch conference group using GCONF key for any station. One station can use up to 6 conference groups, and each group can be set 5 member.
In MMC 612 Conference Group Station set USED station only uses this feature. On conference member, allows both internal station or station group number and outgoing access code plus external telephone number.

Conference group names are written using the keypad. Each key press selects a character. Pressing the dial keypad key moves the cursor to the next position.
For example, if the group name is 'SAMSUNG', press the number '7' four times to get the letter 'S'. Now press the number '2' once to get the letter 'A'. Continue selecting characters from the table below to complete your message. Pressing the bottom left programmable button will change the letter from upper case to lower case.

NOTE	When the character you want appears on the same dial keypad key as the previous character, press the Volume Up button to move the cursor to the right.

Count	1	2	3	4	5
DIAL 0	<	>	.	)	0
DIAL 1	Space	?	,	!	1
DIAL 2	A	B	C	@	2
DIAL 3	D	E	F	#	3
DIAL 4	G	H	I	$	4
DIAL 5	J	K	L	%	5
DIAL 6	M	N	O	^	6
DIAL 7	P	Q	R	S	7
DIAL 8	T	U	V	*	8
DIAL 9	W	X	Y	Z	9
DIAL *	:	=	[	]	*

The # button can be used for the following special characters: #, space, &, !, :, ?, ., ,, %, $, -, <, >, /, =, [,], @, ^, (,), _, +, {, }, |, ; , ", →, `, and \.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- A   Acts as toggle between upper case and lower case

ACTION

PROCEDURE	DISPLAY

1. Press Transfer button and enter 118
   Display shows

   `[201] GRP(1)NAME`

2. Dial station number(e.g., 205)
   OR
   Press Volume button to select station and press
   Right Soft button to move cursor

   `[203] GRP(1)NAME`

3. Dial 1-5 to select group
   OR
   Press Volume button to select group and press
   Right Soft button to move cursor

   `[203] GRP(1)NAME`

4. Dial 0 to select name or dial 1-4 to select member
   OR
   Press Volume button to select name or member
   and press Right Soft button to move cursor
   OR
   Press Left Soft button to return to step 3

   `[203] GRP(1)MBR1`
   `NONE`

5. Enter conference member dial number and press
   Right Soft button to return to step 4

   `[203] GRP(1)MBR1`
   `9-2794296`

6. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 612 CONFERENCE GROUP STATION
MMC 722 STATION KEY PROGRAMMING
MMC 723 SYSTEM KEY PROGRAMMING

119 Caller ID Display

Allows the technician to set the individual station display preference on a per station basis. Caller ID or CLI can be selected to either show the name, number first, or no display depending on the type of call. Caller ID or CLI displays have the following options :

No	Display Type	Description
0	NO DISPLAY	No Caller ID or CLIP data will be displayed.
1	NUMBER FIRST	The Caller ID or CLIP number received from the Central Office will be displayed first.
2	NAME FIRST	The Caller ID or CLIP name received will be displayed first. In the case of CLIP the number must be programmed in the CLIP translation table(MMC 728). CLIP does not provide names.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SPEAKER   Used to advance next MMC
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 119
   Display shows first station

   ```
   [201] CID DISP
   NUMBER FIRST
   ```

2. Enter station number(e.g., 205)
   OR
   Press Volume button to scroll through stations and
   press the Right Soft button to select a station
   OR
   Press ANS/RLS button to select ALL and press
   the Right Soft button.

   ```
   [205] CID DISP
   NUMBER FIRST
   ```

   ```
   [ALL] CID DISP
   NUMBER FIRST
   ```

3. Dial display option 0, 1 or 2(e.g., 2)
   OR
   Press Volume button to select option and press
   Right or Left Soft button to return to step 2

   ```
   [205] CID DISP
   NAME FIRST
   ```

4. Press Transfer button and enter to exit
    OR
    Press Speaker button to save and advance to next
    MMC

DEFAULT DATA

NUMBER FIRST

RELATED ITEMS

MMC 312 ALLOW CALLER ID
MMC 425 ASSIGN CID TRUNKS
MMC 608 ASSIGN REVIEW BLOCKS
MMC 728 CALLER ID TRANSLATION TABLE

121 Phone Language

Allows phone users the ability to assign an LCD display based on user's own language.

0 : ENGLISH
1 : GERMAN
2 : PORTUGAL
3 : NORSK
4 : DANISH
5 : DUTCH
6 : ITALY
7 : SPANISH
8 : SWEDISH
9 : SPANISH/USA
10 : FRENCH/CANADA

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 121
    Display shows

    ```
    [201] LANGUAGE
    ENGLISH
    ```

2. Dial station number(e.g., 205)
    OR
    Press Volume button to select station and use
    Right Soft button to move cursor
    OR
    Press ANS/RLS button to select all stations

    ```
    [205] LANGUAGE
    ENGLISH
    ```

    ```
    [ALL] LANGUAGE
    ?
    ```

3. Dial 00-10 for language required
    OR
    Press Volume button to make selection and
    press Right Soft button

    ```
    [205] LANGUAGE
    GERMAN
    ```

4. Press Transfer button and enter to save and exit
    OR
    Press Speaker button to save and advance to next
    MMC

DEFAULT DATA

ENGLISH

RELATED ITEMS

MULTIPLE LANGUAGE

122 News Display Speed

Used to set the Smart news display speed. This timer is only related to the Smart News PC Application Package.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 122
   Display shows first station

   ```
   [201] CALL SPEED
   03→
   ```

2. Enter station number(e.g., 205)
   OR
   Press Volume button to scroll through stations
   and press the Right Soft button to select a station
   OR
   Press ANS/RLS button to select ALL.

   ```
   [205] CALL SPEED
   03→
   ```

3. Dial speed option(03-10).

   ```
   [205] CALL SPEED
   03→04
   ```

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to save and advance to next MMC

DEFAULT DATA

03

RELATED ITEMS

NONE

125 Executive State

Allows the system administrator or technician to set executive station's the following options.

No	Option	Description
0	EXEC STATE	When inter-working with EASYSET, the state of executive station can be displayed.
1	STATE(IN)	If EXEC STATE sets to OTHERS(IN), the EASYSET display this message.
2	STATE(OUT)	If EXEC STATE sets to OTHERS(OUT), the EASYSET display this message.
3	ANSWER MODE	When the secretary call by BOSS key, the executive station ringing or automatically answer follows this option.

State display messages are written using the keypad. Each key press selects a character. Pressing the dial pad key moves the cursor to the next position. For example, if the message is 'CONFERENCE', press the number '2' three times to get the letter 'C'. Now press the number '6' three times to get the letter 'O'. Continue selecting characters from the table below to complete your message. Pressing the bottom left programmable button will change the letter from upper case to lower case.

> When the character you want appears on the same dial pad key as the previous character, press the Volume Up button to move the cursor to the right.
>
> NOTE

Count	1	2	3	4	5
DIAL 0	<	>	.	)	0
DIAL 1	Space	?	,	!	1
DIAL 2	A	B	C	@	2
DIAL 3	D	E	F	#	3
DIAL 4	G	H	I	$	4
DIAL 5	J	K	L	%	5
DIAL 6	M	N	O	^	6
DIAL 7	P	Q	R	S	7
DIAL 8	T	U	V	*	8
DIAL 9	W	X	Y	Z	9
DIAL *	:	=	[	]	*

The # button can be used for the following special characters: #, space, &, !, :, ?, ., ,, %, $, -, <, >, /, =, [,], @, ^, (,), _, +, {, }, |, ;,", →, `, and \.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- A   Acts as toggle between upper case and lower case

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 125
   Display shows

   ```
   [201] EXEC STATE
   IN THE ROOM
   ```

2. Dial executive station number(e.g., 205)
   OR
   Press Volume button to select station and press
   Right Soft button to move cursor

   ```
   [205] EXEC STATE
   IN THE ROOM
   ```

3. Dial 0-3 for selects option
   OR
   Press Volume button to make selection and
   press Right Soft button

   ```
   [205] EXEC STATE
   IN THE ROOM
   ```

4. Dial 0-9 for selects state
   OR
   Press Volume button to make selection and
   press Right Soft button

   ```
   [205] EXEC STATE
   IN A MEETING
   ```

5. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

NONE

200 Open Customer Programming

Used to open(enable) and close(disable) customer-level programming.
If programming is not opened and an attempt is made to access a system MMC,
the error message [NOT PERMIT] will be displayed. A four digits passcode is
required to access this MMC. Each digit can be 0-9. When opened, this MMC
enables access to all MMCs allowed in MMC 802 Customer Access MMC Number.

PROGRAM BUTTONS

- VOLUME   Select open or closed
- KEYPAD   Used to enter passcode
- SPEAKER   Save data and advance to next MMC
- TRANSFER   Exit Programming

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 200
   Display shows

   ```
   ENABLE CUS.PROG.
   PASSCODE:
   ```

2. Enter passcode

   ```
   ENABLE CUS.PROG.
   PASSCODE:
   ```

   Correct code shows

   ```
   ENABLE CUS.PROG.
   DISABLE
   ```

   Incorrect code shows

   ```
   ENABLE CUS.PROG.
   PASSCODE ERROR
   ```

3. Press Volume button arrow key to select ENABLE
   OR
   DISABLE and press Right Soft button OR
   Dial 1 for ENABLE or 0 for DISABLE

   ```
   ENABLE CUS.PROG.
   ENABLE
   ```

4. Press Speaker button to advance MMC entry
   level and press Volume button to select MMC
   OR
   Enter MMC number and press Right Soft button
   to enter MMC

   ```
   201:CUS.PASSCODE
   SELECT PROG. ID
   ```

5. Press Transfer button to exit

DEFAULT DATA

DISABLE

RELATED ITEMS

MMC 201 CHANGE CUSTOMER PASSCODE
MMC 501 SYSTEM-WIDE TIMERS
MMC 802 CUSTOMER ACCESS MMC NUMBER

201 Change Customer Passcode

Used to change the passcode allowing access to MMC 200 Open Customer Programming from its current value.

> **NOTE**
> The passcode is four digits long. Each digit can be 0-9. The current (old) passcode is required for this MMC.

PROGRAM BUTTONS

- KEYPAD   Used to enter passcodes
- SPEAKER   Save data and advance to next MMC

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 201

```
CUST. PASSCODE
NEW CODE:_
```

2. Enter new passcode via dial keypad (maximum four digits)

```
CUST. PASSCODE
NEW CODE:****
```

3. Verify new passcode via dial keypad

```
CUST. PASSCODE
VERIFY  :****
```

   Passcode verified(go to step 4)
OR
Passcode failure
Return to step 2

```
CUST. PASSCODE
VERIFY  :SUCCESS
```

```
CUST. PASSCODE
VERIFY  :FAILURE
```

4. Press Transfer button and enter to exit
OR
Press Speaker button to advance next MMC

DEFAULT DATA

PASSCODE : 1234

RELATED ITEMS

MMC 200 OPEN CUSTOMER PROGRAMMING

202 Change Feature Passcode

Used to change the passcodes for the following features.

No	Feature	Description
0	RING PLAN	This is the passcode required to place the system in different ring plans(RP) or change the ring time override(RTO).
1	DISA ALARM	This is the passcode required to clear a DISA ALARM generated when the number of DISA attempts are exceeded.
2	WLI REGST	This is the passcode required to registration of WIP phone.

> **NOTE** The passcode is four digits long. Each digit can be 0-9.

PROGRAM BUTTONS

- KEYPAD   Used to enter passcodes
- SPEAKER   Save data and advance to next MMC

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 202
   Display shows

   ```
   CHANGE PASSCODE
   RING PLAN :0000
   ```

2. Press Volume button to make selection. Press
   Right Soft button to move cursor to passcode entry

   ```
   CHANGE PASSCODE
   DISA ALARM :5678
   ```

3. Enter new passcode via digits from dial keypad

   ```
   CHANGE PASSCODE
   DISA ALARM :9999
   ```

   Press Right Soft button to return to step 2
   Continue to change other passcodes

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

RING PLAN : 0000
DISA ALARM : 5678
ALARM CLR : 8765
WLI REGIST : 0000

RELATED ITEMS

MMC 410 ASSIGN DISA TRUNK
MMC 507 ASSIGN AUTO NIGHT TIME
MMC 722 STATION KEY ASSIGNMENTS
RING PLAN PROGRAMMING

203 Assign UA Device

Assigns ringing device to be accessed when a Universal Answer(UA) key is pressed or the UA pickup code is dialled. UA assignment is made in MMC 601 Assign Station Group for a group and then the group is entered here. The device type is automatically determined by the directory number(DN) entered.

> Only one of the above options can be selected. If the ability to ring more than one item(e.g., all four external page zones) is required, a station group containing all four zone codes must be created.
>
> NOTE

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter DN of selected device
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 203
   Display shows current assignment

   ```
   ASSIGN UA PORT
   NONE-NO UA
   ```

2. Dial DN of UA device(e.g., 205)
   OR
   Use Volume buttons to scroll through
   available devices

   ```
   ASSIGN UA PORT
   205 -STATION
   ```

3. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 601 ASSIGN STATION GROUP
MMC 605 ASSIGN EXTERNAL PAGE ZONE

204 Common Bell Control

Determines whether the common bell relay contacts have an interrupted or continuous closure when activated. If interrupted is chosen, the relay follows an internal Trunk Line ring pattern of one second closed followed by three seconds open.
If assigned dry contact to common bell, common bell relay pairs are assigned as 362.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 204
   Display shows current setting

   ```
   [362]COM. BELL
   CONTINUOUS
   ```

2. Dial common bell number
   OR
   Press Volume button to make selection of common bell numbers and press Right Soft button to advance cursor

   ```
   [362]COM. BELL
   CONTINUOUS
   ```

3. Dial 0 for continuous or 1 for interrupted operation
   OR
   Use Volume button to scroll through options and press Right Soft button to return to step 2

   ```
   [362]COM. BELL
   INTERRUPTED
   ```

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

CONTINUOUS

RELATED ITEMS

MMC 203 ASSIGN UA DEVICE
MMC 219 COMMON RELAY SERVICE TYPE

MMC 601 ASSIGN STATION GROUP

205 Assign Loud Bell

Designates the station that controls the loud bell ring output of a MISC module (assigned in MMC 219, Common Relay Service Type). The loud bell will follow the ring cadence of the designated station. Only a station can be assigned to control the loud bell; a station group cannot be assigned.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Clears previous entry

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 205
   Display shows current setting

   ```
   [362]LOUD BELL
   RING PAIR:NONE
   ```

2. Dial loud bell number(e.g., 3902)
   OR
   Use Volume button to scroll through loud bell numbers and press Right Soft button to move the cursor

   ```
   [362]LOUD BELL
   RING PAIR:NONE
   ```

3. Enter station number(e.g., 201)

   Press Volume button to make selection and press Right Soft button to return to step 2

   ```
   [362]LOUD BELL
   RING PAIR:201
   ```

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

UNASSIGNED

RELATED ITEMS

MMC 219 COMMON RELAY SERVICE TYPE

206 Barge-In Type

Sets the type of barge-in that is permitted.

No	Barge-in Type	Description
0	NO BARGE-IN	Barge-in feature is unavailable regardless of a station's barge-in status.
1	BARGE-IN WITH TONE	Barge-in will have an intrusion tone and display at the barged-in on station.
2	BARGE-IN WITHOUT TONE	Barge-in is allowed. There is no barge-in tone or display at the barged-in on station and the barging-in station will be muted.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 206
   Display shows

   ```
   BARGE IN TYPE
   NO BARGE IN
   ```

2. Dial 0-2 to select barge-in type(e.g., 2)
   OR
   Press Volume button to select barge-in type and
   press Right Soft button

   ```
   BARGE IN TYPE
   WITHOUT TONE
   ```

3. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

NO BARGE-IN

RELATED ITEMS

MMC 301 ASSIGN STATION COS
MMC 701 ASSIGN COS CONTENTS

207 Assign VM/AA Port

Enables SLI ports to be designated as NORMAL or VMAA. VMAA ports receive digits designated in MMC 726 VM/AA Options and also receive a true disconnect signal upon completion of a call. Only SLI ports, not key daughter board, support disconnect signal. Do not make VMAA ports data; this will return them to a single line port and stop voice mail integration. VMAA ports have the equivalent of data protect written in the program and are protected against tones.

> This MMC is not used to assign voice mail port. Voice mail port is assigned automatically when the system detects a SVM-400.
>
> NOTE

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE	DISPLAY

1. Press Transfer button and enter 207 Display shows

```
[209] VMAA PORT
NORMAL PORT
```

2. Dial station number(e.g., 205)
   OR
   Press Volume button to select station and press Right Soft button to move cursor

```
[205] VMAA PORT
NORMAL PORT
```

3. Dial 1 or 0 to select port type
   (1=VMAA, 0=NORMAL)
   Press Volume button to select option and press Right Soft button

```
[205] VMAA PORT
VMAA PORT
```

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

NORMAL PORT

RELATED ITEMS

MMC 726 VM/AA OPTIONS
MMC 601 STATION GROUP

208 Assign Ring Type

Provides the flexibility to program single lines to have ICM ringing, Trunk Line ringing and data secure. With the many types of external ringing devices, all configurations can be met. All devices will also have a positive disconnect signal. Do not make VM/AA ports data; this will return them to a single line port and stop voice mail integration.

No	Ring Type	Description
0	ICM RING	Follows normal SLI ring cadence.
1	CO RING	Follows Trunk line ring cadence.
2	DATA RING	Follows Trunk line ring cadence and not supports off hook ring.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 208
   Display shows

   ```
   [209] RING TYPE
   ICM RING
   ```

2. Dial station number(e.g., 205)
   OR
   Press Volume button to select station and press
   Right Soft button to move cursor

   ```
   [205] RING TYPE
   ICM RING
   ```

3. Dial 1,2 or 0 to select port type(e.g., 2)
   OR
   Press Volume button to select option and press
   Left or Right Soft button to return to step 2 above

   ```
   [205] RING TYPE
   DATA RING
   ```

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

ICM RING

RELATED ITEMS

NONE

209 Assign Add-On Module

Designates to which phone an add-on module(AOM) is assigned.
There is no limit to the number of AOMs that can be assigned in the system.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- RELEASE   Used to advance next MMC
- HOLD   Clears previous entry

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 209
   Display shows first AOM

```
[301] AOM MASTER
MASTER:NONE
```

2. Dial AOM number
   OR
   Use Volume button to scroll through AOM numbers
   and use Soft buttons to move cursor

```
[301] AOM MASTER
MASTER:NONE
```

3. Enter station number(e.g., 301)
   OR
   Use VOLUME for selection of stations and
   press Right Soft button to return to step 2

```
[301] AOM MASTER
MASTER:201
```

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to save and advance to next
   MMC

DEFAULT DATA

NONE FOR MASTER

RELATED ITEMS

NONE

210 Customer On/Off per Tenant

Allows the system administrator to set in system features on a per-tenant basis.
Each system option has a corresponding dialing number, as listed below : All options
toggle ON/OFF.

No	Option	Default	Description
00	DISA PSWD	OFF	When ON, a caller must enter extension number and DISA password when they call a DISA trunk. When OFF, extension number and DISA password are not required and the caller has full access to all features allowed on this trunk.
01	LCR ENABLE	OFF	This option determines whether the system will or will not route outgoing calls based on the information in the LCR routing tables
02	CID CODE INS	OFF	When ON, the system will insert the country code when receiving CID information. This feature can use the CID display call back feature.
03	DISA MOH	OFF	When ON, outside parties will hear trunk MOH instead of dial tone from the time the system answers a DISA trunk until the caller dials a digit.
04	TRANSFER MOH	OFF	When ON, outside parties will hear trunk MOH instead of ring back tone from the time a transfer is completed until the call is answered by an internal party.
05	DID BSY ROUT	OFF	When ON, a DID call directed to a busy station will re-route to the destination in MMC 406 for that trunk if CW is set to OFF in MMC 714. If the CW option is set to ON the call will camp on. When OFF and the CW option is set to OFF, the call will re-route to the operator.
06	RECALL PIKUP	OFF	When ON, a call recalling to a station can be picked up using Direct Call Pickup, Pickup Group and My Group features. This applies to held calls recalling and transferred calls recalling to a station. This applies to held calls recalling and transferred calls recalling to a station.
07	ICM EXT FWD	OFF	When ON, call forward external is allowed when intercom calls are placed to a station that has Call Forward External programmed and set.
08	DID ERR TONE	OFF	This option was added to provide error tone when an invalid DID number is received.
09	KTS DISC ALM	OFF	When ON, generates system alarm when a phone disconnect or connect.

No	Option	Default	Description
10	OFF HOOK ALM	OFF	When ON, generates system alarm when a phone maintains off hook condition longer than timer.
11	SL SELF RING	OFF	When ON, generates ring during 10 seconds when a single line phone dials self number and hang up.
12	SGR INC BUSY	OFF	When ON, generates busy tone when all station group member busy for group call.
13	TRANSFER CANCEL	OFF	When OFF, a single line phone will be able to handle 2 calls simultaneously. Using the hook-flash to toggle between them. When ON, a single line telephone will be able to connect to the second call, but pressing the hook flash will not toggle between the two calls it will disconnect the second call and reconnect the single line telephone to the first call.
14	RECALL DISC	OFF	When ON, the system disconnects a call when transfer recall.
15	ARD TONE CHK	ON	When OFF, the system use time for checking destination is busy when auto retry.
16	VPN ENABLE	OFF	When ON, the Australia type VPN enabled.
17	IN TOLL CHK	OFF	When OFF, the system doesn't toll restrict when incoming call.
18	ISDN PROGCON	OFF	When ON, if an outgoing call receives PROGRESS message from ISDN trunk, the call will connect without CONNECT message.
19	DSS KEY DPU	OFF	When ON, directed pick-up the call when press ringing DS key.
20	BEGN DGT DSP	OFF	When ON, an outside call is made via speed dial or LNR where more than 11 digits are dialled then the first dialled digits are shown on the phone display.
21	ONE TCH FACC	OFF	When OFF, the forced account mode user can not use one touch account code(ACC) key.
22	CHAIN FWD	ON	When ON, a call is directed to a station that may be forwarded to another station that is call forwarded to a VMAA, then the caller will be directed to the last station's mailbox it reached. When OFF, the caller will be directed to the first station's mailbox instead of the last.
23	TRK MONITER	OFF	When ON, can override to trunk and a call is connected override extension when a original caller hang on. When OFF, can override to extension only and a call is disconnected when a original caller hang on.

No	Option	Default	Description
24	VOIP MFRALOC	OFF	When ON, a MFR assigned for VoIP tandem call when a call incoming from VoIP trunk to another trunk outgoing.
25	NTWK AUTOTMR	OFF	When OFF, a call duration timer disabled via networking intercom call.
26	USE EURO	OFF	When ON, a call cost display by euro currency.
27	REDIAL REVW	OFF	When ON, the CALL LOG review status will be appeared when LNR button is pressed.
28	ISDN KEYFAC	OFF	When ON, if phone user press '*' or '#' during conversation via BRI trunk, system send information message instead of digit message.
29	CHK SPV TRK	OFF	When ON, if both trunks don't have supervision feature then cannot make outgoing transfer or unsupervised conference.
30	PRE FWD BUSY	OFF	When ON, a call arrives busy station, that is not set forward busy, if preset no answer destination is available, a call re-route to that destination immediately.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 210
   Display shows

   ```
   TEN. ON AND OFF
   DISA PSWD   :OFF
   ```

2. Dial option number(e.g., 00)
   Press Right Soft button to move cursor

   ```
   TEN. ON AND OFF
   DISA PSWD   :OFF
   ```

3. Dial 1 for ON or 0 for OFF
   OR
   Press Volume button to make selection and
   press Right Soft button

   ```
   TEN. ON AND OFF
   DISA PSWD   :ON
   ```

4.   Repeat steps 2-3 for other options
     OR
     Press Transfer button and enter to exit
     OR
     Press Speaker button to advance next MMC

DEFAULT DATA

SEE DESCRIPTION/SOME OPTIONS ARE DEPEND ON COUNTRY

RELATED ITEMS

LCR PROGRAMMING
MOH PROGRAMMING
CID PROGRAMMING
DID PROGRAMMING
VMAA PROGRAMMING
ALARM PROGRAMMING
MMC 410 ASSIGN DISA TRUNK

211 Door Ring Assignment

Designates which station or group of stations will ring when a door box button is pressed. If the ring plan destinations are not input the default ring plan 1 is used. Available Ring Plan inputs are 1 through 6.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Clears previous entry
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 211
   Display shows first door phone

   ```
   [229] DOOR RING
   1:500    2:500
   ```

2. Dial door phone number(e.g., 230)
   OR
   Press Volume button to scroll through door phone numbers and use the Right Soft button to move cursor
   OR
   Press ANS/RLS button to select All door ring

   ```
   [230] DOOR RING
   1:500    2:500
   ```

   ```
   ALL] DOOR RING
   1:500    2:500
   ```

3. Enter new ring plan number selection via dial keypad
   OR
   Press Volume button to make selection and press Right Soft button

   ```
   [250] DOOR RING
   1:301    2:500
   ```

4. Press Right Soft button to return to step 2
   OR
   Press Left Soft button to return to step 3
   OR
   Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

STATION GROUP 500

RELATED ITEMS

NONE

214 DISA Alarm Ringing Station

Assigns the DISA alarm to ring at a specific phone. It is recommended that the person who can clear the alarm also receives the notification. A valid destination can be either a station group or an individual station. The alarm ringing station or group will follow the ring plan time destination.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 214
    Display shows

```
DISA ALARM RING
1:500    2:500
```

2. Enter in valid destination number for ring
    plan(e.g., 217)
    OR
    Press Volume button to make selection and
    press Right Soft button to advance cursor

```
DISA ALARM RING
1:217    2:500
```

3. Enter in valid destination number for another
    ring plan(e.g., 249)
    OR
    Press Volume button to make selection

```
DISA ALARM RING
1:217    2:249
```

4. Press Transfer button and enter to exit
    OR
    Press Speaker button to advance next MMC

DEFAULT DATA

ALL RING PLAN : 500

RELATED ITEMS

MMC 202 CHANGE FEATURE PASSCODES
MMC 410 ASSIGN DISA TRUNK

217 Traffic Report Option

This MMC is used to print a traffic report and select options. The traffic report can be printed upon demand, every hour, at a programmed time of each day, or up to three separate timed shifts. Automatic printing will always clear the totals.

When report **MANUAL PRINT OUT** is selected, the options are :

Option	Description
PRINT AND CLEAR	A report is printed and all totals are reset to 0.
PRINTOUT ONLY	A report is printed and all the totals are saved.
CANCEL PRINTOUT	The program return to previous menu if no report is ended.

When **AUTO PRINT OPTN** is selected, the options are :

Option	Description
AUTO PRINT OFF	Automatic print feature is disabled.
DAILY	A report is printed at a programmable time every day and all the totals are reset to '0'
EVERY HOUR	A Traffic report will be printed every hour
TIME SHIFTS	Up to three separate Start and End times may be programmed to report traffic within certain times of a day. A report is printed at the end of each End time and all totals are reset to '0'

When a report is printed, the totals represent call statistics accumulated from the date of the last report stated as BEGINNING : D & T up to the date of this printout stated as ENDING D & T. See the sample report at the end of this MMC.

If there are no trunks in a group, the trunk group report for that group will not print.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 217
   Display shows

   ```
   TRAFFIC REPORT
   MANUAL PRINTOUT
   ```

2. Dial 0 for demand or 1 for automatic print
   OR
   Press Volume button to select and press RIGHT
   Soft button

   ```
   TRAFFIC REPORT
   AUTO PRINT OPTN
   ```

3. Dial 0, 1, 2 or 3 for automatic print option
   OR
   Press Volume button to select option and press
   Right Soft button

   ```
   TRAFFIC REPORT
   DAILY  HHMM:2359
   ```

4. Enter daily report time(HHMM)

   ```
   TRAFFIC REPORT
   DAILY  HHMM:2200
   ```

5. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

NO REPORT

RELATED ITEMS

NONE

219 Common Relay Service Type

This MMC is used to define the function of the common relay in the baseboard.
The relay can be used for one of the following:

0 EXTERNAL PAGE
1 COMMON BELL
2 LOUD BELL
3 NOT USE

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 219
   Display shows

```
[362] RELAY TYPE
EXTERNAL PAGE
```

2. Press Right Soft button to move the cursor
   And
   Use Volume button to scroll through options

```
[362] RELAY TYPE
COMMON BELL
```

```
[362] RELAY TYPE
LOUD BELL
```

3. Press Transfer button and enter button to exit .
   OR
   Press Speaker button to advance next MMC

```
[362] RELAY TYPE
COMMON BELL
```

DEFAULT DATA

EXTERNAL PAGE

RELATED ITEMS

MMC 203 Assign UA Device
MMC 204 Common Bell Control
MMC 205 Assign loud bell
MMC 605 Assign External Page Zone

220 ISDN Service Type

Assign the ISDN service type of single line telephone port. Service consist of BC (Bearer Capability) and HLC(High Layer Capability).

No	Type	Description	BC	HLC
0	VOICE	Voice service	Speech	
1	FAX 3	G3 FAX service	3.1 KHz Audio	FAX G2/G3
2	AUDIO 3.1	3.1 KHz Audio service	3.1 KHz Audio	None
3	MODEM	MODEM service	3.1 KHz Audio	Telephony

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 220
   Display shows

   ```
   [209] ISDN SVC
   VOICE
   ```

2. Enter the station number(e.g., 210)
   OR
   Press Volume button to select station and press
   Right Soft button

   ```
   [210] ISDN SVC
   VOICE
   ```

3. Select service type(0-3)
   OR
   Press Volume button to select option and press
   Right Soft button

   ```
   [210] ISDN SVC
   AUDIO 3.1
   ```

4. Press Transfer button and enter button to exit .
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

VOICE

RELATED ITEMS

NONE

300 Customer On/Off per Station

Allows the following features to be enabled on a per-station basis.

No	Option	Default	Description
00	ACCESS DIAL	ON	Determines whether a user can select a trunk or trunk group by dialling its directory number(DN). This selection should be turned to off when using LCR.
01	MICROPHONE	ON	Allows all 12 and 24 button phones to be used in the speakerphone mode.
02	OFF-HOOK RING	ON	Will allow a short burst of ring tone to indicate another call.
03	SMDR PRINT	ON	When the station is set for no Trunk Line calls to and from this station, the station will not print on SMDR. This includes transferred calls or calls picked up from hold or park.
04	TGR ADV.TONE	ON	When this feature is set to ON, a warning tone will be heard each time LCR advances to the next route.
05	VMAA FORWARD	ON	This feature selects whether Trunk Line calls can be forwarded to voice mail. When ON, Permits forward to voice mail. When OFF, No forward to voice mail.
07	NGT PASSCODE	ON	When ON, the steps verifying the RING PLAN passcode will be added in Ring Plan change.
08	INTRCOM SMDR	OFF	When the station is set to OFF, the station will not print intercom calls on SMDR.
09	FWD DLY USE	OFF	When the station is set to ON, if the station has no answer forward number without no answer forward set then a call both ringing original extension and no answer forward number when a incoming call is directed to the station and the station does not answer until no answer forward time.
11	FORWARD OVRD	OFF	When the station is set to ON, if the station call to forwarded station, the call will not forward.
12	RECL TO OPER	OFF	When the station is set to ON, if the station transfer a call and the destination doesn't answer, the call will be recall to operator instead of the station.
13	SLT PWR DISC	OFF	When the normal phone is set to ON, if the station receives real disconnect signal instead of busy tone or error tone. In case of VMAA ports or DATA RING ports are not reference this option, this type SLI ports are always receives real disconnect signal.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 300
   Display shows

   ```
   [201] CUS.ON/OFF
   ACCESS DIAL :ON
   ```

2. Dial station number(e.g., 205)
   OR

   ```
   [205] CUS.ON/OFF
   ACCESS DIAL :ON
   ```

   Press Volume button to select station
   OR
   Press ANS/RLS button for all and press RIGHT
   Soft button to move cursor

   ```
   [ALL] CUS.ON/OFF
   ACCESS DIAL :ON
   ```

3. Press Volume button to select feature and press
   Right Soft button to move cursor

   ```
   [ALL] CUS.ON/OFF
   ACCESS DIAL :ON
   ```

4. Dial 1 for ON or 0 for OFF
   OR

   ```
   [ALL] CUS.ON/OFF
   ACCESS DIAL :OFF
   ```

   Press Volume button to select and press RIGHT
   Soft button

5. Press Left Soft button to return to step 2
   Press Right Soft button to return to step 1
   OR
   Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

SEE DESCRIPTION/SOME OPTIONS ARE DEPEND ON COUNTRY

RELATED ITEMS

LCR PROGRAMMING

301 Assign Station COS

Used to assign class of service to each phone. There are 30 different classes of service that are defined in MMC 701, Assign COS Contents. There are 6 ring plans based on the Ring Plan Time in MMC 507 that can apply to the COS. Classes of service are numbered 01-30. Default is COS 01.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 301
   Display shows first station

   ```
   [201] STN COS
   1:01  2:01  3:01
   ```

2. Dial station number(e.g., 205)
   OR
   Use Volume button to scroll through stations
   Press Right Soft button to advance step 3
   OR
   Use Volume button to scroll through stations and
   press Left Soft button to advance Step 4
   OR
   Press ANS/RLS button to select all stations

   ```
   [205] STN COS
   1:01  2:01  3:01
   ```

   ```
   [ALL] STN COS
   1:01  2:01  3:01
   ```

3. Enter new ring plan selection via dial keypad
   OR
   Press Volume button to make selection OR
   press Right Soft button to move cursor

   ```
   [205] STN COS
   1:01  2:01  3:01
   ```

4. Enter ring plan class of service(e.g., 05)
   OR
   Use Volume button to scroll through classes of
   service and press Right Soft button to advance
   the next ring plan.

   ```
   [205] STN COS
   1:05  2:01  3:01
   ```

OR
Use Volume button to scroll through classes of
service and press Left Soft button to return to step 2

5. Enter the next ring plan class of service(e.g., 05)
   OR
   Use Volume button to scroll through classes of
   service and press Right Soft button to move
   cursor to the next ring plan.
   OR
   Use Volume button to scroll through classes of
   service and press Left Soft button to return to
   previous step.

```
[205] STN COS
1:05  2:01  3:01
```

6. Press Transfer button and enter to save and exit
   OR
   Press Speaker button to save and advance to next
   MMC

DEFAULT DATA

RING PLANS 1-6 : 01

RELATED ITEMS

MMC 701 ASSIGN COS CONTENTS
MMC 507 ASSIGN RING PLAN TIME
MMC 220 SECONDARY STATION

302 Pickup Groups

Allows the assignment of stations into call pickup groups. There is a maximum of 10 pickup groups. An unlimited number of members can belong to each group. Stations can only be in one pickup group at any given time.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 302
   Display shows

   ```
   [201] PICKUP GRP
   PICKUP GRP:NONE
   ```

2. Dial station number(e.g., 205)
   OR
   Use Volume button to select station number and press Right Soft button
   OR
   Press ANS/RLS button to select all

   ```
   [205] PICKUP GRP
   PICKUP GRP:NONE
   ```

   ```
   [ALL] PICKUP GRP
   PICKUP GRP:??
   ```

3. Dial pickup group number(e.g., 05)
   OR
   Press Volume button to select group number

   ```
   [205] PICKUP GRP
   PICKUP GRP:05
   ```

4. Press Right Soft button to return to step 2 to enter more stations
   OR
   Press Left Soft button to return to step 3
   OR
   Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

NO PICKUP GROUPS ASSIGNED

RELATED ITEMS

MMC 107 KEY EXTENDER
MMC 722 STATION KEY PROGRAMMING
MMC 723 SYSTEM KEY PROGRAMMING

303 Assign Boss/Secretary

Assigns BOSS phones to SECRETARY phones. One BOSS station can have up to and including four SECRETARY stations and one SECRETARY station can have up to and including four BOSS stations. A dedicated BOSS button must be programmed on the SECRETARY phone(s). A dedicated BOSS button must also be programmed on the BOSS phone.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- ANS/RLS   Used to select ALL
- F   Used to toggle BOSS/SECRETARY field

ACTION

PROCEDURE	DISPLAY

1. Press Transfer button and enter 303
   Display shows

   ```
   BOSS STN:NONE
   SECR 1:NONE
   ```

2. Dial BOSS station number(e.g., 205)
   OR
   Press Volume button to select station and press
   Right Soft button

   ```
   BOSS STN:205
   SECR 1:NONE
   ```

3. Dial SECRETARY number(1, 2, 3 or 4)
   OR
   Press Volume button to select number and press
   Right Soft button

   ```
   BOSS STN:205
   SECR 1:NONE
   ```

4. Dial SECRETARY station number(e.g., 201)
   OR
   Press Volume button to select station
   Press Right Soft button to return to step 3 to
   enter more SECR numbers

   ```
   BOSS STN:205
   SECR 1:201
   ```

   ```
   BOSS STN:205
   SECR 2:202
   ```

5. Press Left Soft button to return to step 2 and
   continue entries
   OR
   Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 722 STATION KEY PROGRAMMING

304 Assign Extension/Trunk Use

Allows trunk use groups on a per-station use group basis the ability to answer incoming calls, to dial out or to do both. If a station is set to NO Dial, the station will not have the ability to place a call. If the station is set to NO Answer, the station cannot answer an incoming call.

Stations are set within the use group number 001-300 and trunks are within the use group number 301-500 at MMC 614. ASSIGN USE GROUP.

PROGRAM BUTTONS

- VOLUME　　Used to scroll through options
- KEYPAD　　Used to enter selections
- SOFT　　Move cursor left and right
- SPEAKER　　Used to advance next MMC
- HOLD　　Used to clear previous entry
- ANS/RLS　　Used to select ALL

ACTION

PROCEDURE	DISPLAY
1. Press Transfer button and enter 304 Display shows	(<u>0</u>01) USE (301) DIAL:YES ANS:YES
2. Dial the station use group number(e.g., 005) OR Press Volume button to select station use group and press Right Soft button OR Press ANS/RLS button to select all station use Group	(005) USE (<u>3</u>01) DIAL:YES ANS:YES (ALL) USE (<u>3</u>01) DIAL:YES ANS:YES
3. Dial the station use group number(e.g., 304) OR Press Volume button to select trunk use group and press Right Soft button OR Press ANS/RLS button to select all trunk use group	(005) USE (304) DIAL:<u>Y</u>ES ANS:YES (005) USE (ALL) DIAL:<u>Y</u>ES ANS:YES

4. Press Volume button to select YES/NO option
   OR
   Dial 1 for YES or 0 for NO and press RIGHT
   Soft button to move cursor to ANS option

```
(005) USE (304)
DIAL:NO  ANS:YES
```

   Press Volume button to select YES/NO Option
   OR
   Dial 1 for YES or 0 for NO and press RIGHT
   Soft button to return to step 2

```
(005) USE (304)
DIAL:NO  ANS:YES
```

5. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

DIAL : YES
ANS : YES

RELATED ITEMS

MMC 316 COPY STATION/TRUNK USE
MMC 317 ASSIGN STATION/STATION USE
MMC 428 ASSIGN TRUNK/TRUNK USE
MMC 614 STATION/TRUNK USE GROUP

305 Assign Forced Code

This MMC allows only one of the four options to be selected; the assignment of account code with verification, account code without verification, authorization codes, or none on a per-station basis or on an all-station basis. The system supports 100 authorization codes. The system supports 200 account codes that are verified when account codes verified is selected. If account codes without verification is selected, then there will be no table used.

No	Code Type	Description
0	NONE	No Account or Authorization code required (NOT forced strictly voluntary).
1	AUTHORIZE CODE	Forces user to enter a valid over four digit Authorization code listed in AUTHORIZATION CODE Table(MMC 707).
2	ACCT VERIFIED	Forces user to enter a valid account code listed in ACCOUNT CODE Table(MMC 708).
3	ACCT NO VERIFIED	Forces user to enter an account code but this code is NOT verified. User can make up any code (any account code up to 12 digits including ∗ and #).

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 305
   Display shows

   ```
   [201] FORCD CODE
   NONE
   ```

2. Dial station number(e.g., 205)
   OR
   Press Volume button to select station and press
   Right Soft button to move cursor

   ```
   [205] FORCD CODE
   NONE
   ```

3. Dial a feature option 0-3(e.g., 2)
   OR

   ```
   [205] FORCD CODE
   ACCT VERIFIED
   ```

　　　　Press Volume button to select option and press
　　　　Right Soft button to return step 2

　4.　Press Transfer button and enter to exit
　　　OR
　　　Press Speaker button to advance next MMC

DEFAULT DATA

　　NONE

RELATED ITEMS

　　MMC 707 AUTHORIZATION CODE
　　MMC 708 ACCOUNT CODE

306 Hot Line/Off Hook Selection

Allows a station the ability to make a predetermined call similar to a ring down circuit, upon the expiration of a timer(see MMC 502 STN TIMERS, Off-Hook Selection Timer). The hotline destination can be a station, a station group, a trunk, a trunk group or an external number. There can be a maximum of 18 digits in the dial string for the external number. The access code for the trunk or trunk group access code is not counted as part of the 18.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- B   Used to insert a flash code 'F'
- C   Used to insert a pause code 'P'
- D   Used to insert a pulse/tone conversion code 'C'
- E   Used to mask/unmask following digits-shows as ' [' or '] '

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 306
   Display shows

   ```
   [201] HOT LINE
   NONE
   ```

2. Dial station number
   OR
   Use Volume button to scroll through stations
   Press Right Soft button to move the cursor

   ```
   [205] HOT LINE
   NONE
   ```

3. Enter the hot line destination i.e., a station or
   trunk ID(e.g., 9 or 701) with a maximum of
   18 outgoing digits
   after the access code for the CO call
   (see above list of options if needed)

   ```
   [205] HOT LINE
   9-1305P4264100_
   ```

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 502 STN TIMERS, OFF-HOOK SELECTION TIMER

308 Assign Background Music Source

Assigns a background music source to the phones. One music source is in the system and the telephone number is 371. The number 371 can be used both for an internal and an external music source. If 'NONE' is selected as a background music source, or if a music source is not connected to the external music source port selected as the background music source, no music will be heard.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 308
    Display shows current setting

    ```
    [201] BGM SOURCE
    BGM SOURCE:NONE
    ```

2. Dial phone number(e.g., 205)
    OR

    ```
    [205] BGM SOURCE
    BGM SOURCE:NONE
    ```

    Use Volume button to scroll through phone
    numbers and press Right Soft button to move
    the cursor
    OR

    ```
    [ALL] BGM SOURCE
    BGM SOURCE:?
    ```

    Press ANS/RLS button to select all stations

3. Enter source number(e.g., 371)
    OR

    ```
    [205] BGM SOURCE
    BGM SOURCE:371
    ```

    Press Volume button to make selection and press
    Right Soft button to return to step 2

4. Press Transfer button and enter to exit
    OR
    Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 309 ASSIGN STATION MOH SOURCE
MMC 408 ASSIGN TRUNK MOH SOURCE

309 Assign Station MOH Source

Assigns a Music on Hold source to the phones. Allows the system administrator to select which Music On Hold(MOH) source can be heard on each station. There are four possible selections for each music sources : TONE, NONE, INTERNAL and EXTERNAL(customer-provided MOH source and switch select internal/external). There is a music source selection jumper on the baseboard(switch select internal/external). The default directory number on a background music source is 371.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 309
   Display shows current setting

   ```
   [201] STN MOH
   MOH SOURCE:NONE
   ```

2. Dial phone number(e.g., 205)
   OR
   Use Volume button to scroll through phone numbers and press Right Soft button to move the cursor
   OR
   Press ANS/RLS button to select all stations

   ```
   [205] STN MOH
   MOH SOURCE:NONE
   ```

   ```
   [ALL] STN MOH
   MOH SOURCE:?
   ```

3. Enter source number(e.g., 371)
   OR
   Press Volume button to make selection and press Right Soft button to return to step 2
   Press Transfer button and enter to exit

   ```
   [205] STN MOH
   MOH SOURCE:371
   ```

4. OR
   Press Speaker button to advance next MMC

DEFAULT DATA

TONE

RELATED ITEMS

MMC 308 ASSIGN BACKGROUND MUSIC SOURCE

310 LCR Class Of Service

Assigns the LCR class of service allowed on a per-station basis. There are eight classes which may be assigned. LCR class of service allows specific users to trunk advance up to a matching LCR class of service programmed in MMC 712.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 310
   Display shows

```
[201] LCR CLASS
LCR CLASS 1
```

2. Dial station number(e.g., 205)
   OR

```
[205] LCR CLASS
LCR CLASS 1
```

   Press Volume button to select station and press
   Right Soft button to move cursor
   OR

```
[ALL] LCR CLASS
LCR CLASS ?
```

   Press ANS/RLS button to select All stations

3. Dial 1-8 to select class type(e.g., 3)
   OR

```
[205] LCR CLASS
LCR CLASS 3
```

   Press Volume button to select class type and
   press Right Soft button to return to step 2

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

LEAST COST ROUTING COS : 1

RELATED ITEMS

LCR PROGRAMMING

312 Allow Caller ID

Allows the system administrator or technician to allow or deny CID data to be send or displayed at with LCD phones.

PROGRAM BUTTONS

- VOLUME Used to scroll through options
- KEYPAD Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER Used to advance next MMC
- HOLD   Used to clear previous entry
- ANS/RLS Used to select ALL

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 312
   Display shows

   ```
   [201] CID/ANI
   RCV:YES SND:YES
   ```

2. Dial station number(e.g., 205)
   OR

   ```
   [205] CID/ANI
   RCV:YES SND:YES
   ```

   Press Volume button to select station and press
   Right Soft button to move cursor
   OR
   Press ANS/RLS button to select ALL

   ```
   [ALL] CID/ANI
   RCV:YES SND:YES
   ```

3. Dial 0 or 1 to select receive option
   OR

   ```
   [205] CID/ANI
   RCV:YES SND:YES
   ```

   Press Volume button to select receive option and
   press Right Soft button to move cursor

4. Dial 0 or 1 to select send option
   OR

   ```
   [205] CID/ANI
   RCV:YES SND:YES
   ```

   Press Volume button to select send option and
   press Right Soft button to return to step 2.

5. Press Transfer button and enter to exit
   OR
   Press Speaker button to save and advance to next
   MMC

DEFAULT DATA

RCV : YES
SND : YES

RELATED ITEMS

MMC 119 CALLER ID DISPLAY
MMC 425 ASSIGN CALLER ID TRUNKS

314 Confirm Outgoing Call

Allows the outgoing call restricted by call duration time, disconnect or confirm with tone.

No	Confirm Type	Description
0	NONE	No action
1	CONFIRM TONE	When a Trunk Line confirm tone time expire, a call user heard system confirmation tone and next a Trunk Line confirm tone time started.
2	DISCONNECT	When a Trunk Line confirm tone time expire, a call is disconnected.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 314
   Display shows

   ```
   [201] CO CONFIRM
   NONE
   ```

2. Dial station number(e.g., 205)
   OR
   Press Volume button to select station and use
   Right Soft button to move cursor
   OR
   Press ANS/RLS button to select all stations

   ```
   [205] CO CONFIRM
   NONE
   ```

   ```
   [ALL] CO CONFIRM
   NONE
   ```

3. Dial a feature option 0-2
   OR
   Press Volume button to make selection and
   press Right Soft button to return to step 2

   ```
   [205] CO CONFIRM
   CONFIRM TONE
   ```

4. Press Transfer button and enter to save and exit
   OR
   Press Speaker button to save and advance to next
   MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 501 SYSTEM WIDE TIMER

315 Customer Set Relocation

Customer Set Relocation allows System Administration level or Technician level access to relocate or exchange similar stations in the system without wiring changes (see Allow Table bellow). This program is a one for one exchange with like stations. e.g., Single line to single line, 6 button phone to 6 button phone, etc.

All individual station assignments such as trunk ring, station group, station COS, station speed dial, button appearances, etc. will follow the Customer Set Relocation program. 12 button phones and 24 button phones can be exchanged. 48 button modules and 64 button modules can also be exchanged. Single line stations numbers can be exchanged. If incompatible set types are selected the system will provide an ERROR : NO MATCH message. If 48 or 64 button module units are to be exchanged the Master assignment must be removed prior to using Customer Set relocation.

If the 48 or 64 button module Master station is not removed the error code ERROR : NOT ALONE will appear on the LCD display. A station must be in the idle state(on hook) to perform Customer Set Relocation. If a wired location has a station port connected but no telephone instrument the Customer Set Relocation program will allow set relocation as long as the station types are similar.

12 button and 24 button assignments should be taken in consideration when relocating these types of sets due to the button configurations of the instruments. If a 12 button set and a 24 button set are exchanged using the Customer Set Relocation program the first twelve buttons on the 24 button set will have the button programming of the 12 button set. The 12 button set will then have the programming of the first twelve buttons of the 24 button set. In other words, when exchanging 12 and 24 button set only the first twelve buttons will swapped.

> **NOTE**
>
> Customer access to this feature is default OFF in MMC 802.

Customer set relocation allow table is as follows :

	S/L	DS-6B	DS-12B	DS-24B	DS-48B	DS-64B	DS-28B	DS-18B	DS-8B	DS-21D	DS-14D	IP-21D	IP-14D
S/L	Y	N	N	N	N	N	N	N	N	N	N	N	N
DS-6B	N	Y	N	N	N	N	N	N	N	N	N	N	N
DS-12B	N	N	Y	Y	N	N	N	N	N	N	N	N	N
DS-24B	N	N	Y	Y	N	N	N	N	N	N	N	N	N
DS-48B	N	N	N	N	Y	Y	N	N	N	N	N	N	N
DS-64B	N	N	N	N	Y	Y	N	N	N	N	N	N	N
DS-28B	N	N	N	N	N	N	Y	Y	N	N	N	N	N
DS-18B	N	N	N	N	N	N	Y	Y	N	N	N	N	N
DS-8B	N	N	N	N	N	N	N	N	Y	N	N	N	N
DS-21D	N	N	N	N	N	N	N	N	N	Y	Y	N	N
DS-14D	N	N	N	N	N	N	N	N	N	Y	Y	N	N
IP-21D	N	N	N	N	N	N	N	N	N	N	N	Y	Y
IP-14D	N	N	N	N	N	N	N	N	N	N	N	Y	Y

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 315
   Display shows

   ```
   SET RELOCATION
   EXT_    EXT
   ```

2. Enter first station number(e.g., 202)
   press Right Soft button to move cursor

   ```
   SET RELOCATION
   EXT202  EXT_
   ```

3. Enter second station number(e.g., 210)
   Press Right Soft button to enter data

   ```
   SET RELOCATE
   EXT202  EXT210
   ```

4. Display will return to step1
   Go to step 2

   ```
   SET RELOCATION
   EXT_    EXT
   ```

5. Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

NONE

316 Copy Station/Trunk Use

Provides a tool for duplicating station/trunk use assignments in MMC 304 from one station user group to another. This can be done on a per-station use group basis or on all station use groups.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 316
   Display shows

   ```
   (001] CPY USABLE
   FROM:NONE
   ```

2. Enter station use group number(e.g., 005)
   OR
   Press Volume buttons to make selection and press
   Right Soft button to move cursor

   ```
   (005] CPY USABLE
   FROM:NONE
   ```

3. Enter station use group number to copy from
   Cursor is returned to step 2
   OR
   Press Volume button to make selection

   ```
   (005) CPY USABLE
   FROM:003
   ```

4. Press Right Soft button to return to step 2
   OR
   Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

   NONE

RELATED ITEMS

   MMC 304 ASSIGN EXTENSION/TRUNK USE
   MMC 317 ASSIGN STATION/STATION USE
   MMC 428 ASSIGN TRUNK/TRUNK USE
   MMC 614 STATION/TRUNK USE GROUP

317 Assign Station/Station Use

This MMC is used to allow or restrict stations from making intercom calls to each other within the same tenant.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 317
   Display shows

   ```
   (001) USE (001)
   DIAL:YES
   ```

2. Dial the station use group number(e.g., 005)
   OR
   Press Volume button to select station and
   press Right Soft button
   OR
   Press ANS/RLS button to select all station use
   groups

   ```
   (005) USE (001)
   DIAL:YES
   ```

   ```
   (ALL) USE (001)
   DIAL:YES
   ```

3. Dial the station use group number(e.g., 004)
   OR
   Press Volume button to select station and
   press Right Soft button

   ```
   (005) USE (004)
   DIAL:YES
   ```

4. Dial 1 for YES or 0 for NO
   OR
   Press Volume button to select YES/NO and
   press Right Soft button to move cursor

   ```
   (005) USE (004)
   DIAL:NO
   ```

5. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

DIAL : YES

RELATED ITEMS

MMC 304 ASSIGN EXTENSION/TRUNK USE
MMC 316 COPY STATION/TRUNK USE
MMC 428 ASSIGN TRUNK/TRUNK USE
MMC 614 STATION/TRUNK USE GROUP

318 Distinctive Ringing

Allows the technician to select the ring tone heard at a phone when called by a specific station or when a specific trunk rings that phone. There is also a cadence control option to perform a similar function for single line sets. There are eight ring tones available along with a Follow Station(F-STN) option for the phones. There are 5 cadences and a follow station option for SLT's.

TONE OPTION

Tone Option	Description
F-STN	Calls will ring with the phone users choice of ring frequency.
1-8	Calls from the programmed station or trunk will ring phones with this ring frequency.

CADENCE OPTION

Cadence Option	Description
F-STN	Calls will ring with the normal SLT ring cadences.
1	Calls from the programmed station or trunk will ring SLT's with the intercom ring cadence.
2	Calls from the programmed station or trunk will ring SLT's with the CO ring cadence.
3	Calls from the programmed station or trunk will ring SLT's with the DOOR ring cadence.
4	Calls from the programmed station or trunk will ring SLT's with the ALARM ring cadence.
5	Calls from the programmed station or trunk will ring SLT's with the CALLBACK ring cadence.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE　　　　　　　　　　　　**DISPLAY**

1. Press Transfer button and enter 318
   Display shows first station

```
[201] RING TONE
T:F-STN C:F-STN
```

2. Dial trunk or station number(e.g., 701)
   OR

   Press Volume button to select trunk or station
   and press Right Soft button to move cursor

```
[701] RING TONE
T:F-STN C:F-STN
```

3. Dial 1-8 to select ring tone
   OR

   Press Volume button to select ring tone and press
   Right Soft button to move cursor

```
[701] RING TONE
T:5     C:F-STN
```

4. Dial 1-5 to select ring cadence
   OR

   Press Volume button to select ring cadence and
   press Right Soft button to move cursor

```
[701] RING TONE
T:5     C:3
```

5. Press Transfer button and enter to exit
   OR
   Press Speaker button to save and advance to next
   MMC

DEFAULT DATA

F-STN FOLLOW STATION SETTING

RELATED ITEMS

MMC 111 PHONE RING TONE

319 Branch Group

Allows the assignment of stations into branch groups. There is a maximum of 30 branch groups. When C.O. line ring is ringing at station assigned the same branch group can answer the incoming call by off hook.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 319 Display shows

```
[201] BRANCH GRP
BRANCH GRP:NONE
```

2. Dial station number(e.g., 205)
   OR
   Press Volume button to select station and use Right Soft button to move cursor
   OR
   Press ANS/RLS button to select all stations

```
[205] BRANCH GRP
BRANCH GRP:NONE
```

```
[ALL] BRANCH GRP
BRANCH GRP:??
```

3. Dial a branch group number(01-99)
   OR
   Press Volume button to make selection and press Right Soft button to return to step 2

```
[205] BRANCH GRP
BRANCH GRP:10
```

4. Press Transfer button and enter to save and exit
   OR
   Press Speaker button to save and advance to next MMC

DEFAULT DATA

NONE

RELATED ITEMS

NONE

320 Preset Forward No Answer

Allows a technician to assign a default destination for FNA to each station on the system. These destinations may be different for each station or they may be the same. The preset FNA destination will be temporarily overwritten if the station user enters a different FNA destination. If you cancel the new destination, the preset destination will once more be in effect. Preset Forward No Answer time follows the station no answer forward timer.

Preset forward no answer can be assigned respectively for each type of call.

No	Call Type	Description
0	INT	Preset forward no answer applies only to intercom call.
1	EXT	Preset forward no answer applies only to incoming call.
2	BOTH	Preset forward no answer applies to both intercom and incoming call.

If MMC 210. PRE FWD BUSY sets ON, the forward busy follows this feature.

PROGRAM BUTTONS

- VOLUME　　Used to scroll through options
- KEYPAD　　Used to enter selections
- SOFT　　Move cursor left and right
- SPEAKER　　Used to advance next MMC
- HOLD　　Used to clear previous entry
- ANS/RLS　　Used to select ALL

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 320
   Display shows

```
[201] PRESET FNA
NONE    OPT:BOTH
```

2. Dial station number(e.g., 205)
   OR
   Press Volume button to select station and press
   Right Soft button to move cursor
   OR
   Press ANS/RLS button to select all stations

```
[205] PRESET FNA
NONE    OPT:BOTH
```

```
[ALL] PRESET FNA
NONE    OPT:BOTH
```

3. Dial valid number via keypad
   OR

```
[205] PRESET FNA
202     OPT:BOTH
```

Press Volume button to select call type and press
Right Soft button to move cursor

4. Dial call type (0, 1 or 2)
    OR
    Press Volume button to make selection and press
    Right Soft button to return to step 2

```
[205] PRESET FNA
202    OPT:EXT
```

5. Press Transfer button and enter to save and exit
    OR
    Press Speaker button to save and advance to next
    MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 102 FORWARDING
MMC 210 CUSTOMER ON/OFF PER TENANT
MMC 502 STATION FWD NO ANS TIMER

323 Calling Party Number

Allows a maximum 16 digits number to be entered and associated with a station or trunk number on a per PRI/BRI basis. When this station makes an outgoing call on this PRI, the maximum 16 digits number entered will be the Calling Party Number sent on this outgoing PRI call. There are 4 tables for system.
In case of empty, system use MMC 405 : CO TRUNK NUMBER for the Calling Party Number.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options/move cursor left or right
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 323
   Display shows

   ```
   [201] SEND CLIP
   1:
   ```

2. Dial extension or trunk number(e.g., 230)
   OR
   Press Volume button to select extension and
   press Right Soft button to move the cursor

   ```
   [230] SEND CLIP
   1:
   ```

3. Dial table number.
   OR
   Press Volume button to select table number and
   press Right Soft button to move the cursor

   ```
   [230] SEND CLIP
   2:
   ```

4. Enter the Calling Party Number.

   ```
   [230] SEND CLIP
   2:3055922900
   ```

5. Repeat Step 3 & 4 to enter other tables and
   Calling Party Numbers.
   OR
   Repeat Steps 2, 3, & 4 to enter other station or
   trunk and Calling Party Numbers.

6. Press Transfer button and enter to exit
    OR
    Press Speaker button to advance next MMC

DEFAULT DATA

EMPTY

RELATED ITEMS

MMC 405 CO TRUNK NUMBER
MMC 419 BRI OPTIONS
MMC 834 VOIP H.323 OPTIONS
MMC 837 VOIP SIP OPTIONS

400 Customer On/Off per Trunk

Assigns several options(listed below) on a per-trunk basis.

No	Options	Default	Description
0	1A2 EMULATION	OFF	When this option is set to ON up to 4 internal stations can participate in a conversation on this trunk by pressing the trunk key.
1	TRUNK INC DND	OFF	When this option is set to ON a trunk that is programmed to ring a specific station(a private line or DIL) will ring at that station if the station is in DND.
2	TRUNK FORWARD	ON	When this option is set to OFF this trunk will not follow a ringing stations call forwarding.
2	LCR ALLOW	OFF	When this option is set to ON, if the station access this trunk will re-route via LCR outgoing. This feature available in Australia, New Zealand, Italy and U.K. only
4	MOH/BGM USE	OFF	When this option is set to ON, this trunk uses MOH source. This feature available Australia's 8TRK/7TRK only.
6	EFWD EXT CLI	ON	This option determines what kinds of CLI number will be sent to the external forwarded outgoing call. (Station or Received CLI from Trunk)
7	REPEAT CLI	ON	This option determines what kinds of CLI number will be sent to the trunk to trunk call. (Trunk or Received CLI from Trunk)

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 400

    Display show

```
[701] TRK ON/OFF
1A2 EMULATE:OFF
```

2. Dial trunk number(e.g., 704)

    OR

    Press Volume button to select trunk

    OR

    Press ANS/RLS button for all trunks and press

    Right Soft button to move cursor to options

```
[704] TRK ON/OFF
1A2 EMULATE:OFF
```

```
[ALL] TRK ON/OFF
1A2 EMULATE:?
```

3. Dial option number from above list(0-4)

    OR

    Press Volume button to select option and press

    Right Soft button to move cursor

```
[704] TRK ON/OFF
TRK FORWARD:ON
```

4. Dial 1 for ON or 0 for OFF

    OR

    Press Volume button to select ON/OFF and

    press Right Soft button to return to step 2

```
[704] TRK ON/OFF
TRK FORWARD:OFF
```

5. Press Transfer button and enter to exit

    OR

    Press Speaker button to advance next MMC

DEFAULT DATA

SEE DESCRIPTION

SOME OPTIONS ARE DEPEND ON COUNTRY

RELATED ITEMS

MMC 405 CO TRUNK NUMBER

MMC 323 CALLING PARTY NUMBER

MMC 714 DID NUMBER AND NAME TRANSLATION

LCR PROGRAMMING

CALL FORWARD

401 Trunk Line/PBX Line

Used to select the mode of the Trunk line. If the PBX mode is chosen, this allows PBX access codes to be recognized, thus allowing more complete toll restriction(call barring). This mode is assigned on a per-trunk basis.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 401
   Display shows

   ```
   [701] PBX LINE
   CO LINE
   ```

2. Dial trunk number(e.g., 704)
   OR
   Use Volume button to scroll through trunk
   numbers and press Right Soft button to move
   OR
   Press ANS/RLS button to select ALL

   ```
   [704] PBX LINE
   CO LINE
   ```

   ```
   [ALL] PBX LINE
   ?
   ```

3. Dial 1 for PBX or 0 for Trunk Line
   OR
   Use Volume button to scroll through options
   Press Right Soft button to return to step 2

   ```
   [704] PBX LINE
   PBX LINE
   ```

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

ALL TRUNK LINES

RELATED ITEMS

NONE

402 Trunk Dial Type

Used to determine the dialling type of each Trunk line. There are three options :

0 : Dual Tone Multi-Frequency(DTMF).
1 : DIAL PULSE(rotary dial)

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 402
   Display shows

   ```
   [701] DIAL TYPE
   DTMF TYPE
   ```

2. Dial trunk number(e.g., 704)
   OR
   Use Volume button to scroll through trunk
   numbers
   and press Right Soft button to move the cursor
   OR
   Press ANS/RLS button to select ALL

   ```
   [704] DIAL TYPE
   DTMF TYPE
   ```

   ```
   [ALL] DIAL TYPE
   ?
   ```

3. Dial 0 for DTMF, 1 for PULSE or 2 for
   R2MFC TYPE
   OR
   Use Volume button to scroll through options
   Press Right Soft buttons to return to step 2

   ```
   [704] DIAL TYPE
   DIAL PULSE TYPE
   ```

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

ALL TRUNKS DTMF

RELATED ITEMS

MMC 501 SYSTEM TIMERS
MMC 503 TRUNK-WIDE TIMERS

403 Trunk Toll Class

Assigns toll class level assignments on a per-trunk or all-trunk basis in a day or night condition. The options for toll level will follow either the station class or the class of service defined in MMCs 702, Toll Deny Table, and 703, Toll Allowance Table. The toll classes that are available are listed below with their entry numbers.

No	Class	Description
0	F-STN	Follow station toll restriction
1	CLS-A	Follow toll class A(Unrestricted)
2	CLS-B	Follow toll class B
3	CLS-C	Follow toll class C
4	CLS-D	Follow toll class D
5	CLS-E	Follow toll class E
6	CLS-F	Follow toll class F
7	CLS-G	Follow toll class G
8	CLS-H	Follow toll class H(All restricted)

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 403
    Display shows

    ```
    [701] TOLL CLASS
    1:F-STN 2:F-STN
    ```

2. Dial trunk number(e.g., 704)
    OR

    ```
    [704] TOLL CLASS
    1:F-STN 2:F-STN
    ```

    Use Volume button to scroll through trunk numbers
    and press Right Soft button to move the cursor
    OR
    Press ANS/RLS button to select ALL

    ```
    [ALL] TOLL CLASS
    1:F-STN 2:F_STN
    ```

3. Dial ring plan number(1-6)
  OR
  Use Volume button to scroll through ring plan
  numbers and press Right Soft button to move
  the cursor

```
[704] TOLL CLASS
1:F-STN 2:F-STN
```

4. Enter day toll class (e.g., 2 for CLS-B)
  OR
  Press Volume button to scroll through toll classes and
  use Right Soft button to move the cursor

```
[704] TOLL CLASS
1:CLS-B 2:F-STN
```

5. Press Transfer button and enter to store data and exit
  OR
  Press Speaker button to advance next MMC

DEFAULT DATA

ALL TRUNKS F-STN

RELATED ITEMS

MMC 301 ASSIGN STATION COS
MMC 507 ASSIGN AUTO RING PLAN TIME
MMC 701 ASSIGN COS CONTENTS
TOLL RESTRICTION

404 Trunk Name

Allows an 11-character name to be entered to identify an individual trunk.

Names are written using the keypad. Each key press selects a character. Pressing the dial keypad key moves the cursor to the next position. For example, if the directory name is 'SAM SMITH, ' press the number '7' four times to get the letter 'S'. Now press the number '2' once to get the letter 'A'. Continue selecting characters from the table below to complete your message. Pressing A button will change the letter from upper case to lower case.

	When the character you want appears on the same dial keypad key as the previous character, press the Volume Up button to move the cursor to the right.
NOTE	

Count	1	2	3	4	5
DIAL 0	<	>	.	)	0
DIAL 1	Space	?	,	!	1
DIAL 2	A	B	C	@	2
DIAL 3	D	E	F	#	3
DIAL 4	G	H	I	$	4
DIAL 5	J	K	L	%	5
DIAL 6	M	N	O	^	6
DIAL 7	P	Q	R	S	7
DIAL 8	T	U	V	*	8
DIAL 9	W	X	Y	Z	9
DIAL *	:	=	[	]	*

The # button can be used for the following special characters: #, space, &, !, :, ?, ., ,, %, $, -, <, >, /, =, [,], @, ^, (,), _, +, {, }, |, ;,", →,` , and \.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- A   Acts as toggle between upper case and lower case

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 404
   Display shows

   ```
   [701] TRUNK NAME
   ```

2. Dial trunk(e.g., 704)
   OR
   Press Volume button to select trunk and press
   Right Soft button to move the cursor

   ```
   [704] TRUNK NAME
   ```

3. Enter trunk name using the procedure
   described above Press Right Soft button to
   return to step 2

   ```
   [704] TRUNK NAME
   TELECOMS
   ```

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 104 STATION NAME
MMC 405 TRUNK NUMBER

405 Trunk C.O. Telephone Number

Allows an 11-digit number to be entered to identify an individual trunk.

Numbers are written using the keypad. Each press of a key selects a digit. Pressing the desired key moves the cursor to the next position. For example, if the directory number is 426-4100, press the number 4 once to get the number 4. Now press the number 2 once for number 2. Continue selecting characters from the table below to complete your number.

> When the number you want appears on the same dial keypad key as the previous number, press the Volume Up button to move the cursor to the right or the Volume Down button to move the cursor left. A space can be entered by using these keys.
>
> NOTE

Count	1	2	3	4	5
DIAL 0	0	<	>	.	)
DIAL 1	1	Space	?	,	!
DIAL 2	2	A	B	C	@
DIAL 3	3	D	E	F	#
DIAL 4	4	G	H	I	$
DIAL 5	5	J	K	L	%
DIAL 6	6	M	N	O	^
DIAL 7	7	P	Q	R	S
DIAL 8	8	T	U	V	*
DIAL 9	9	W	X	Y	Z
DIAL *	*	:	=	[	]

The # button can be used for special characters : #, space, &, !, :, ?, ., %, $, -, <, >, /, =, [,], @, ^, (,), _, +, {, }, |, ;, \, " and ~.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options/move cursor left or right
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- A   Acts as toggle between upper case and lower case

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 405
   Display shows

   ```
   [701] CO TEL NO.
   ```

2. Dial trunk(e.g., 704)
   OR
   Press Volume button to select trunk and press
   Right Soft button to move the cursor

   ```
   [704] CO TEL NO.
   ```

3. Enter trunk number using the procedure
   described above

   ```
   [704] CO TEL NO.
   3054264100
   ```

4. Press Right Soft button to return to step 2
   OR
   Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 404 TRUNK NAME

406 Trunk Ring Assignment

Enables ringing to a specific station or to a group of stations when incoming calls are received. This MMC controls ring plan destinations for ring down trunks. If the ring plan destinations are not input the default ring plan is ring plan 1. Station group 500 is default in Ring Plan 1.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- ANS/RLS   Used to select ALL(trunks only)

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 406
   Display shows

   ```
   [701] TRK RING
   1:500   2:500
   ```

2. Dial trunk number(e.g., 704)
   OR
   Use Volume button to scroll through trunk
   numbers and press the Right Soft button to move
   the cursor
   OR
   Press ANS/RLS button for ALL

   ```
   [704] TRK RING
   1:500   2:500
   ```

   ```
   [All] TRK RING
   1:500   2:500
   ```

3. Dial ring plan number or press the Right Soft
   button to move the next step.

   ```
   [704] TRK RING
   1:500   2:500
   ```

4. Dial station number or station group number
   (e.g., 205)
   OR
   Press Volume button to make selection and
   press Right Soft button to move cursor to the
   next ring plan destination and repeat step 5
   OR
   Press Left Soft button to return to step 5
   OR

   ```
   [704] TRK RING
   1:205   2:500
   ```

   ```
   [704] TRK RING
   1:205   2:501
   ```

5. Press Transfer button and enter to exit
    OR
    Press Speaker button to advance next MMC

DEFAULT DATA

ALL TRUNKS RING DEFAULT OPERATOR GROUP

RELATED ITEMS

MMC 202 CHANGE FEATURE PASSCODES
MMC 507 ASSIGN RING PLAN TIME
MMC 601 ASSIGN STATION GROUP

407 Forced Trunk Release

Provides a positive forced trunk release to a specific trunk or all trunks in the event of a trunk lock-up.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 407
    Display shows

```
[701] TRK RELS.
RELEASE?_Y:1,N:0
```

2. Dial in trunk number(e.g., 704)
    OR
    Press Volume button selected trunk and press
    Right Soft button
    OR
    Press ANS/RLS button to select all trunks

```
[704] TRK RELS.
RELEASE?_Y:1,N:0
```

```
[ALL] TRK RELS.
RELEASE?_Y:1,N:0
```

3. Dial 1 for YES or Dial 0 for NO
    (Pressing 1 or 0 will return to step 2)

```
[704] TRK RELS.
RELEASE?_Y:1,N:0
```

4. Press Transfer button and enter to exit
    OR
    Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

NONE

408 Assign Trunk MOH Source

Allows the system administrator to select which Music On Hold (MOH) source can be heard on each trunk. There are three selections: TONE, NONE and one of the customer-provided MOH sources connected to the system. The default directory number of the MOH source is 371.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 408
   Display shows current setting

   ```
   [701] TRK MOH
   MOH SOURCE:TONE
   ```

2. Dial trunk number(e.g., 702)
   OR
   Use Volume button to scroll through trunk numbers
   and press Right Soft button to move cursor
   OR
   Press ANS/RLS button to select ALL

   ```
   [702] TRK MOH
   MOH SOURCE:TONE
   ```

   ```
   [ALL] TRK MOH
   MOH SOURCE:?
   ```

3. Enter source number(e.g., 371)
   OR
   Press Volume button to select option
   Press Right Soft button to return to step 2 above

   ```
   [703] TRK MOH
   MOH SOURCE:371
   ```

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

TONE

RELATED ITEMS

NONE

409 Trunk Status Read

Allows the status of trunks to be read in a format that will enable the servicing personnel to quickly identify the ownership and position of a trunk. This is a read-only MMC.

Trunk Status Type No	Description
00	Port Number(Cabinet/Slot/Port)
01	Type : LOOP, GND, E & M, DID, BRI, PRI, VOIP…
02	1A2 Emulation On/Off
03	Trunk Forward On/Off
04	Line Type : CO/PBX
05	Dial Type : DTMF/Dial Pulse
06-11	Ring Plan Toll Restriction(1-6)
12-17	Ring Plan Ring Destination(1-6)
18	MOH Source
19	DISA Status

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 409
   Display shows

   ```
   [701] TRK STATUS
   PORT:C1-S5-P01
   ```

2. Enter trunk number via dial keypad(e.g., 704)
   OR
   Press Volume button to make selection and press
   Right Soft button to advance cursor

   ```
   [704] TRK STATUS
   PORT:C1-S5-P04
   ```

3. Enter in desired option 00-12(e.g., 02)
   OR
   Press Volume button to make selection

   ```
   [704] TRK STATUS
   TYPE:LOOP TRUNK
   ```

4. Press Transfer button and enter to exit
  OR
  Press Speaker button to advance next MMC

DEFAULT DATA

FOLLOW TRUNK

RELATED ITEMS

MMC 400 CUSTOMER ON/OFF PER TRUNK
MMC 401 Trunk Line/PBX LINE
MMC 402 TRUNK DIAL TYPE
MMC 403 TRUNK TOLL CLASS
MMC 404 TRUNK NAME
MMC 406 TRUNK RINGING ASSIGNMENT
MMC 408 ASSIGN TRUNK MUSIC ON HOLD SOURCE
MMC 410 ASSIGN DISA TRUNK

410 Assign DISA Trunk

Allows the system the ability to have Direct Inward System Access(DISA).
Because there is a possibility that unauthorized calls will be made via this feature,
several safeguards have been added. The end user must be informed of these to
prevent unnecessary service calls. DISA can lockout when a predetermined number
of invalid consecutive calls are attempted.
Callers will then receive error tone until the programmable timer has expired.
The * key may be used to initiate new dial tone while in a station to station call.
The # button may be used to terminate the DISA call and disconnect the central
office line. DISA lines must be assigned to the Ring Plan(s).

PROGRAM BUTTONS

- VOLUME　　Used to scroll through options
- KEYPAD　　Used to enter selections
- SOFT　　Move cursor left and right
- SPEAKER　　Used to advance next MMC
- HOLD　　　Used to clear previous entry
- ANS/RLS　　Used to select ALL(trunks)

ACTION

PROCEDURE　　　　　　　　　　　　DISPLAY

1. Press Transfer button and enter 410
   Display shows

   ```
   [701]    123456
   DISA LINE:000000
   ```

2. Dial trunk number(e.g., 704)
   OR

   ```
   [704]    123456
   DISA LINE:000000
   ```

   Press Volume button to select trunk and press
   Right Soft button
   OR
   Press ANS/RLS button to select all trunks
   OR

   ```
   [ALL]    123456
   DISA LINE:000000
   ```

3. Press VOL key Volume button to select a
   Ring Plan.

   ```
   [704]    123456
   DISA LINE:001000
   ```

   OR
   Using the dial keypad press 1 to apply and 0 not
   to apply to a particular Ring Plan and press Right
   Soft button to return to step 2

4.　Press Transfer button and enter to exit
　　OR
　　Press Speaker button to advance next MMC

DEFAULT DATA

ALL TRUNKS NORMAL

RELATED ITEMS

MMC 500 SYSTEM-WIDE COUNTERS
MMC 507 ASSIGN RING PLANS

414 PRS Signal

Used on a per-trunk basis to define if a Trunk line is to be either a Metering Pulse Detection(MPD) or a Polarity Reversal Signal(PRS) trunk.

A Metering Pulse Trunk will detect a C.O provided metering pulse. A Polarity Reversal trunk will detect the line reversal signal which may be provided by the Trunk Line When the other party answers the outgoing call or the outside party clears the call.
If the trunk is designated as PRS detection, the call duration timer will be started and the results printed on the SMDR record. PRS detection is also essential for dropping a trunk-to- trunk conversation which is unsupervised by an internal party.

There are three types of PRS mode : PRS 1, PRS 2 and PRS 3.

PRS Mode	Description
PRS 1	When first PRS is detected, call duration is started. When second PRS is detected, call duration timer stopped. The call is not released until hanging-on.
PRS 2	When first PRS is detected, call duration timer is started. When second PRS is detected, call duration timer is stopped and call is released.
PRS 3	The call duration timer starts based on the timer. When first PRS is detected, call duration timer is stopped and call is released.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 414
   Display shows

   ```
   [701] TRK PRS
   NONE
   ```

2. Dial desired trunk number(e.g., 702)
   OR
   Press Volume button to select trunk and use Right
   Soft button to move cursor

   ```
   [702] TRK PRS
   NONE
   ```

3. Dial 0 for PRS 1, 1 for PRS 2, 2 for PRS 3 or 3 for MPD or 4 for NORMAL
    OR
    Press Volume button to scroll through options and use LEFT or Right Soft button to return to step 2

```
[702] TRK PRS
PRS 2
```

4. Press Transfer button and enter to save and exit
    OR
    Press Speaker button to save and advance to next MMC

DEFAULT DATA

NORMAL(NONE)

RELATED ITEMS

MMC503 TRUNK-WIDE TIMER

415 Report Trunk Abandon Data

Allows the system administrator or technician to enable or disable the reporting of abandoned Trunk Line calls for which CID, CLIP information has been collected on a per-trunk basis. There are two options for this MMC as follows :

No	Report Type	Description
0	REPORT : NO	Abandoned call records for incoming calls with CID information will not be printed on SMDR or stored in the system call abandon list. These records will continue to be stored in the station review list.
1	REPORT : YES	Abandoned call records for incoming calls with CID information will be printed on SMDR and stored in the system call abandon list. These records will also be stored in the station review list.

	In order for these abandoned call records to print on SMDR, MMC 725 SMDR OPTIONS Option 11 Print Abandoned Call Records must be set to YES.
CHECK	

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE　　　　　　　　　　　　　　　　**DISPLAY**

1. Press Transfer button and enter 415
   Display shows

   ```
   [701] TRK ABNDN
   REPORT:YES
   ```

2. Dial trunk number(e.g., 702)
   OR
   Use Volume button to select trunk and press
   Right Soft button to move cursor

   ```
   [702] TRK ABNDN
   REPORT:YES
   ```

3. Dial 1 for YES or 0 for NO
   OR

   ```
   [702] TRK ABNDN
   REPORT:NO
   ```

Use Volume button to select option and press
Right Soft button to return to step 2.

4. Press Transfer button and enter to save and exit
    OR
    Press Speaker button to save and advance to next MMC

DEFAULT DATA

ALL TRUNKS REPORT : YES

RELATED ITEMS

MMC 725 SMDR OPTIONS
MMC 425 ASSIGN CALLER ID TRUNKS

418 BRI Card Restart

Enables any changes you make in MMC 419 (BRI Option) or MMC 423 (S/T Mode) and applies them, as appropriate, to BRI card that you restart.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 418
    Display shows first BRI or PRI circuit

    ```
    [701] RESTART
    CARD RESTART?NO
    ```

2. Dial first trunk on a BRI or PRI card(e.g., 733)
    OR
    Press Volume button to select the first trunk
    and press Right Soft button to move the cursor

    ```
    [701] RESTART
    CARD RESTART?NO
    ```

3. Dial 1 for YES or Dial 0 for NO
    Pressing 1 will advance to step 4

    ```
    [701] RESTART
    CARD RESTART?YES
    ```

4. Dial 1 for YES or Dial 0 for NO
    Pressing 1 or 0 will return to step 2

    ```
    [701] RESTART
    ARE YOU SURE?YES
    ```

5. Press Transfer button and enter to exit
    OR
    Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 419 BRI OPTIONS
MMC 420 PRI OPTIONS
MMC 423 S/T MODE, MMC 424 BRI S0 MAPPING

419 BRI Options

Assigns several options on a per-BRI basis and there are different options depending on whether the BRI is programmed as a trunk or station in MMC 423.

OPTIONS FOR BRI PORTS PROGRAMMED AS TRUNKS

No	Option	Description
0	CHANNEL ANY	When this option is set to YES, the system will place calls on any free channel of that BRI if the channel chosen by the user is busy. If set to NO, you will receive a busy signal if they attempt to access a busy channel even if the other channel on that BRI is free.
1	BRI MODE	BRI access mode select.
	P-P NOR	Point to Point NORmal. This operates like a standard telephone line with one CO number per channel and ring according to MMC 406.
	P-P DID	Point to Point Direct Inward Dial. This operates in a similar manner to an analog DID circuit with multiple CO numbers pointed to a single channel and translated within the system(MMC714) to a single device.
	P-M NOR	Point to Multi-point NORmal. This type of circuit operates in a similar manner to P-P NORmal but allows multiple devices to be attached to the circuit. Ringing is defined in MMC 406.
	P-M MSN	Point to Multi-point MSN. This setting is used when the line uses the MSN supplementary service. Ringing is defined in MMC 421.
2	DLSEND	BRI dial sending mode select.
	ENBLOCK	Digits will be collected and sent in a single block similar to a Cell phone.
	OVERLAP	Digits will be sent as they are dialled by the user.
3	CLIP TABLE	Used to select the Calling Party Number to send to the network. In case of NONE, MMC405 CO TRUNK NUMBER is sent to the network. In other cases, MMC 323 Calling Party Number entry corresponding with the selected number is sent to the network.
4	NB TYPE	Used to select the type of the Calling Party Number to send to the network.
	UNKNOWN	Unknown number
	INT.NAT	International number
	NATIONAL	National number
	NETWORK	Network specific number
	SUBSCRIB	Subscriber number
	EXTEN	Local number
	ABBREV	Abbreviated number

No	Option	Description
5	NB PLAN	Used to select the type of the Calling Party Number Plan to send to the network.
	UNKNOWN	Unknown numbering plan
	ISDN	ISDN numbering plan(CCITT E.163-164)
	DATA	Data numbering plan(CCITT X.121)
	TELEX	Telex numbering plan(CCITT F.69)
	NATIONAL	National standard numbering plan
	PRIVATE	Private numbering plan
	EXTEN	Local numbering plan

OPTIONS FOR BRI PORTS PROGRAMMED AS STATIONS

No	Option	Description
0	ANY CHANNEL	When this option is set to YES, the system will place calls on any free channel of that BRI if the channel chosen by the user is busy(e.g., Preferred channel selection). If set to NO, the user will receive a busy signal if they attempt to access a busy channel even if the other channel on that BRI is free(e.g., Exclusive channel selection).
1	POWER FEED	This field determines if power to a BRI access will be supplied.(YES or NO)

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 419
   Display shows first BRI channel

   ```
   [701] BRI-TRK
   CHANNEL ANY:YES
   ```

2. Dial BRI trunk number(e.g., 702)
   OR
   Press Volume button to select BRI trunk and
   Press Right Soft button.

   ```
   [702] BRI-TRK
   CHANNEL ANY:YES
   ```

3. Select option item.
    OR
    Press Volume button to select option item and
    Press Right Soft button.

```
[702] BRI-TRK
CHANNEL ANY:NO
```

```
[702] BRI-TRK
BRI MODE:P-M MSN
```

```
[702] BRI-TRK
DLSEND  :OVERLAP
```

```
[702] BRI-TRK
CLIP TABLE :NONE
```

```
[702] BRI-TRK
NB TYPE:UNKNOWN
```

4. Select option.
    OR
    Press Volume button to select BRI station and
    Press Right Soft button.

```
[702] BRI-TRK
CLIP TABLE:1
```

5. Dial BRI station number(e.g., 703)
    OR
    Press Volume button to select BRI station and
    Press Right Soft button.

```
[703] BRI-STN
CHANNEL ANY:YES
```

6. Select option item.
    OR
    Press Volume button to select BRI station and
    Press Right Soft button.

```
[729] BRI-STN
CHANNEL ANY:YES
```

```
[703] BRI-STN
POWER FEED :NO
```

7. Select option.
    OR
    Press Volume button to select option item and
    Press Right Soft button.

```
[703] BRI-STN
POWER FEED :YES
```

8. Press Transfer button and enter to exit
    OR
    Press Speaker button to advance next MMC

DEFAULT DATA

For BRI Ports programmed as Trunks :
- CHANNEL ANY : YES
- BRI MODE : P-P DDI
- DLSEND : OVERLAP
- CLIP TABLE : NONE
- NB TYPE : NATIONAL
- NB PLAN : ISDN

For BRI Ports programmed as Stations :
- CHANNEL ANY : YES
- POWER FEED : NO

RELATED ITEMS

MMC 323 CALLING PARTY NUMBER
MMC 405 CO TRUNK NUMBER
MMC 421 MSN DIGITS
MMC 423 S/T MODE
MMC 714 DID NAME AND NUMBER TRANSLATION

421 MSN Digit

Provides a method of assigning an incoming MSN call to a specific station. If any entry in MSN DIGIT TABLE matches an incoming call's called party number, either the specific station is alerted, if it is programmed to accept the call, or the call is cleared if it is programmed to reject the call.

If the incoming called party number does not have a matching entry in the MSN table, MMC 406 ringing destination is alerted or the call is released by option.

You can give each MSN number to a specific station and you can select call waiting option: when a destination is busy, the incoming call must be cleared or camped-on to the station(which is alerted to the call).

There is a total of eight entries on a trunk basis and each entry consists of the following fields :

Entry Field	Description
DIGIT	Digits to be received. There is a maximum of 16 digits
RING 1-6	These numbers correspond to the six ring plan destinations for this MSN. The destinations can be either stations or station groups.
CALL WAIT	Toggles YES or NO : if YES then the call will be camped-on at busy destination while NO gives busy indication.
OPTION	if Accept then the selected destination party will be alerted. If Reject then the call will be cleared.

For each BRI access, two adjacent ports are assigned. You need only change the value for one of the two ports; the value for the other port will be changed automatically.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 421
   Display shows

```
[701] MSN DGT (1)
DGT:
```

2. Enter trunk number(e.g., 704)
   OR
   Press Volume button to scroll through ISDN
   PORT and press Right Soft button to move
   cursor

```
[704] MSN DGT (1)
DGT:
```

3. Enter the location 1-8(e.g., 4)
   OR
   Press Volume button to select location and press
   Right Soft button to move cursor

```
[704] MSN DGT (4)
DGT:
```

4. Enter digits to be translated(e. g., 4603881) via
   dial keypad and press Right Soft button to move
   to the destination selection(Max. Digit is 12)

```
[704] MSN DGT (4)
DGT:4603881
```

5. Enter destinations for 6 ring plan via dial keypad
   (e.g., 204 for ring plan 1)
   OR
   Press Volume button to make selection and
   press Right Soft button

```
[704] MSN DGT (4)
1:204    2:NONE
```

6. Enter 1 for YES or 0 for NO
   OR
   Press Volume button to make selection and
   press Right Soft button

```
[704] MSN DGT (4)
CW:NO  OPT:ACEPT
```

7. Enter 1 for ACCEPT or 0 for REJECT
   OR
   Press Volume button to make selection and
   press Right Soft button

```
[704] MSN DGT (4)
CW:NO  OPT:ACEPT
```

8. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 210 CUSTOMER ON/OFF PER TENANT
MMC 423 S/T MODE
MMC 419 BRI OPTIONS

422 Trunk COS

Used to assign a class of service to each trunk during one of the 6 different ring plans available. There are 30 different classes of service that are defined in MMC 701 Assign COS Contents. Classes of service are numbered 01-30. Trunk COS applies on Tandem connections.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 422
    Display shows first trunk

    ```
    [701] TRK COS
    1:01  2:01  3:01
    ```

2. Dial trunk number(e.g., 702)
    OR
    Use Volume button to scroll through trunks
    Press Right Soft button to advance step 3
    OR
    Use Volume button to scroll through trunks and
    press Left Soft button to advance step 4
    OR
    Press ANS/RLS button to select all trunks

    ```
    [702] TRK COS
    1:01  2:01  3:01
    ```

    ```
    [ALL] TRK COS
    1:01  2:01  3:01
    ```

3. Enter day class of service(e.g., 05)
    OR
    Use Volume button to scroll through classes of
    service and press Right Soft button to advance
    step 4
    OR
    Use Volume button to scroll through classes of
    service and press Left Soft button to return to
    step 2

    ```
    [702] TRK COS
    1:05  2:01  3:01
    ```

4.   Enter the next ring plan class of service
     (e.g., 05)
     OR
     Use Volume button to scroll through classes of
     service and press Right Soft button to return to
     step 2
     OR
     Use Volume button to scroll through classes of
     service and press Left Soft button to return to
     the previous step.

5.   Press Transfer button and enter to save and exit
     OR
     Press Speaker button to save and advance to
     next MMC

```
[702] TRK COS
1:05  2:05  03:01
```

DEFAULT DATA

ALL RING PLANS COS 01

RELATED ITEMS

MMC 701 ASSIGN COS CONTENTS
MMC 507 ASSIGN RING PLANS

423 Station/Trunk Mode

Allows the technician to select whether a BRI circuit is a station port or a trunk port.

Port Mode	Description
TRUNK	The BRI trunk port use ISDN trunk.
STATION	The BRI trunk port use for ISDN phone.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 423
   Display shows first BRI

   ```
   [701] S/T MODE
   TRUNK
   ```

2. Dial trunk number(e.g., 701)
   OR
   Use Volume button to scroll through BRI
   numbers and press Right Soft button to move
   cursor
   OR
   Press ANS/RLS button to select ALL

   ```
   [701] S/T MODE
   TRUNK
   ```

   ```
   [ALL] S/T MODE
   TRUNK
   ```

3. Enter Circuit type
   OR
   Press Volume button to select option
   Press Right Soft button to return to step 2

   ```
   [702] S/T MODE
   STATION
   ```

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 419 BRI OPTION
MMC 421 MSN DIGIT
MMC 424 S0 MAPPING

424 BRI S0 Mapping

This MMC assigns an ISDN terminal number to a BRI station port.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 424
   Display shows first terminal number

```
[8701]S0 MAPPING
NONE
```

2. Dial terminal number
   OR
   Press Volume button to make selection of
   terminal numbers and press Right Soft button to
   advance cursor

```
[8704]S0 MAPPING
NONE
```

3. Dial BRI port number
   OR
   Use Volume button to scroll through ports
   Press Right Soft button to return to step 2

```
[8704]S0 MAPPING
712
```

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 419 BRI OPTION
MMC 423 S/T MODE

425 Assign Caller ID Trunks

Allows the system administrator or technician to activate analog loop trunk Caller ID on a per-trunk basis. Activating Caller ID will delay the incoming ring indication at the operator by two ring cycles to allow for the collection of the calling party data.

Each trunk has the following options :

No	Option	Description
0	NORMAL	This is not a Caller ID trunk.
1	CID TRUNK	This is a Caller ID trunk.

NOTE	Supports Bellcore type data only for Caller ID, others type will not supports. Available in Australia, Israel and Italy only.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 425
   Display shows

   ```
   [701] CID TRUNK
   NORMAL
   ```

2. Dial trunk number(e.g., 702)
   OR
   Press Volume button to select trunk and press
   Right Soft button to move cursor
   OR
   Press ANS/RLS button to select ALL

   ```
   [702] CID TRUNK
   NORMAL
   ```

   ```
   [ALL] CID TRUNK
   ?
   ```

3. Dial 0, 1 or 2 to change options
   OR

   ```
   [702] CID TRUNK
   CID TRUNK
   ```

Press Volume button to select an option and press Right Soft button to return to step 2.

```
[702] CID TRUNK
CID TRUNK
```

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to save and advance to next MMC

DEFAULT DATA

ALL TRUNKS ARE CID TRUNK

RELATED ITEMS

MMC 501 SYSTEM TIMERS
MMC 728 CID TRANSLATION TABLE

426 Trunk Gain Control

Allows loss levels to be adjusted on a per trunk basis. There are two adjustments available in this MMC. 'TX' is the transmit level adjustment of the trunk to the station. 'RX' is the receive level adjustment of the station to the trunk. See the Trunk Gain Setting Tables for level option definitions.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 426
   Display shows

   ```
   [701] TRK GAIN
   RX:+0.0  TX:+0.0
   ```

2. Enter desired trunk number(e.g., 702)
   via the dial keypad
   OR
   Press Volume button to make selection
   Press Right Soft button to move cursor

   ```
   [702] TRK GAIN
   RX:+0.0  TX:+0.0
   ```

3. Press Volume button to make selection
   Press Right Soft button to move cursor

   ```
   [702] TRK GAIN
   RX:+0.0  TX:+0.0
   ```

4. Press Volume button to make selection
   Press Right Soft button to move cursor and
   return to step 1

   ```
   [702] TRK GAIN
   RX:+0.0  TX:-2.5
   ```

5. Press ANS/RLS button to select ALL

   ```
   [ALL] TRK GAIN
   RX:+0.0  TX:+0.0
   ```

6. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

TX : +0.0
RX : +0.0

RELATED ITEMS

NONE

428 Assign Trunk/Trunk Use

This MMC is used to allow or restrict trunks from making outgoing calls to each other within the same system.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 428
   Display shows

```
(301) USE (301)
DIAL:YES
```

2. Dial the trunk use group number(e.g., 305)
   OR
   Press Volume button to selection and press Right
   Soft button
   OR
   Press ANS/RLS button to select all trunk use
   groups

```
(305) USE (301)
DIAL:YES
```

```
(ALL) USE (301)
DIAL:YES
```

3. Dial the trunk use group number(e.g., 304)
   OR
   Press Volume button to selection and press Right
   Soft button

```
(305) USE (304)
DIAL:YES
```

4. Dial 1 for YES or 0 for NO
   OR
   Press Volume button to select YES/NO and
   press Right Soft button to move cursor

```
(305) USE (304)
DIAL:NO
```

5. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

DIAL : YES

RELATED ITEMS

MMC 304 ASSIGN EXTENSION/TRUNK USE
MMC 316 COPY STATION/TRUNK USE
MMC 317 ASSIGN STATION/STATION USE
MMC 614 STATION/TRUNK USE GROUP

434 Connection Status

This read only MMC will confirm the connection status of stations or trunks. Display status actually displays the status of a station or trunk at the time requested. If a conference is in progress with the selected trunk or station the display will show one of the conference parties and an arrow($\rightarrow$). The technician or system administrator can then display the next parties in the conference. If a station or trunk is in an idle state the display will show 'IDLE'. If the station or trunk selected is not a valid selection the display will show 'INVALID DATA'. If the station or trunk is made busy by the CPU the display will show 'MADE BUSY'. If the station is in busy state with no other connection, the display will show 'BUSY' only.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- TRANSFER   Exit

ACTION

PROCEDURE   DISPLAY

Display trunk connection status

1. Press Transfer button and enter 434

```
DISPLAY STATUS
201  IDLE
```

2. Enter station or trunk number
   Display show connection status

```
DISPLAY STATUS
702  227
```

3. Enter another station or trunk OR
   Press transfer to exit

```
DISPLAY STATUS
702  227
```

Display station connection status

1. Press Transfer button and enter 434

```
DISPLAY STATUS
201  IDLE
```

2. Enter station or trunk number
   Display show connection status

```
DISPLAY STATUS
235  703
```

3. Enter another station or trunk OR
   Press transfer to exit

```
DISPLAY STATUS
235  703
```

Display trunk status in conference.

1. Press Transfer button and enter 434

```
DISPLAY STATUS
201  IDLE
```

2. Enter station or trunk number.
   Display shows connection status

```
DISPLAY STATUS
702  227 ,215 →
```

3. Press Right Soft button to display the next
   station or trunks involved

```
DISPLAY STATUS
702  216      →
```

4. Enter another station or trunk OR
   Press transfer to exit

```
DISPLAY STATUS
216  702 ,227 →
```

Display status no connection.

1. Press Transfer button and enter 434

```
DISPLAY STATUS
201  IDLE
```

2. Enter station or trunk number
   Display show connection status

```
DISPLAY STATUS
702  NONE
```

3. Enter another station or trunk OR
   Press transfer to exit

```
DISPLAY STATUS
702  NONE
```

Display status no connection.

1. Press Transfer button and enter 434

```
DISPLAY STATUS
201  IDLE
```

2. Enter invalid station or trunk number
   Display show INVALID DATA

```
DISPLAY STATUS
INVALID DATA
```

3. Enter another station or trunk OR
   Press transfer to exit

```
DISPLAY STATUS
201  IDLE
```

**Display connection status with invalid trunk or
station number.**

1. Press Transfer button and enter 434

```
DISPLAY STATUS
201  IDLE
```

2. Enter invalid station or trunk number
   Display show INVALID DATA

```
DISPLAY STATUS
INVALID DATA
```

3. Enter another station or trunk OR
   Press transfer to exit

```
DISPLAY STATUS
201  IDLE
```

Display connection status with trunk or station number in maintenance busy.

1. Press Transfer button and enter 434

```
DISPLAY STATUS
201  IDLE
```

2. Enter station or trunk number
   Display show connection status

```
DISPLAY STATUS
704  MADE BUSY
```

3. Enter another station or trunk OR
   Press transfer to exit

```
DISPLAY STATUS
704   MADE BUSY
```

DEFAULT DATA

NONE

RELATED ITEMS

MMC 108 STATION STATUS
MMC 409 TRUNK STATUS

436 Trunk TMC Gain

Allows loss levels for analog trunks to be adjusted on a per trunk basis. There are two adjustments available in this MMC. 'TX' is the transmit level adjustment of the trunk to the station. 'RX' is the receive level adjustment of the station to the trunk.

> This MMC is not to correct low volume. To be used with the support of Samsung Electronics Co. local distributor.
> NOTE

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 436
   Display shows

   ```
   [701] TRK GAIN
   RX:+0.0  TX:+0.0
   ```

2. Enter desired trunk number(e.g., 702) via the
   dial keypad
   OR
   Press Volume button to make selection
   Press Right Soft button to move cursor
   OR
   Press ANS/RLS button to select ALL

   ```
   [702] TRK GAIN
   RX:+0.0  TX:+0.0
   ```

   ```
   [ALL] TRK GAIN
   RX:+0.0  TX:+0.0
   ```

3. Press Volume button to make selection
   Press Right Soft button to move cursor

   ```
   [702] TRK GAIN
   RX:+0.0  TX:+0.0
   ```

4. Press Volume button to make selection
   Press Right Soft button to move cursor and
   return to step 2

   ```
   [701] TRK GAIN
   RX:+0.0  TX:-2.5
   ```

5. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

TX : +0.0
RX : +0.0

RELATED ITEMS

NONE

500 System-Wide Counters

Used to set the values of the system counters. The counters are listed below with a brief description of each.

No	Counter	Default	Description
0	ALARM REM. CNTER	5	The number of times that an alarm reminder will ring a station before cancelling. RANGE=1-99.
1	AUTO RDL COUNTER	3	The number of times the system will redial an outside number after the auto redial feature has been activated. RANGE=1-99.
2	DISA CALL CNTER	99	Sets the maximum number of intercom calls that can be made after accessing a DISA line. RANGE=1-99.
3	DISA LOCK CNTER	3	Number of attempts the system will allow to incorrectly access a DISA line before locking out the DISA line. RANGE=-99
4	NEW CALL COUNTER	99	Number of times the system will allow a user to signal New Call on a Trunk line during one call. RANGE=1-99.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 500
   Display shows

   ```
   ALARM REM.CNTER
   05→
   ```

2. Enter number from above list(e.g., 6)
   OR
   Press Volume button to make selection and
   press Right Soft button to move cursor

   ```
   UCDS AUDIO ALARM
   00→
   ```

3. Enter in new value via dial keypad
   If entry is valid, system will return to step 2

   ```
   UCDS AUDIO ALARM
   00→02
   ```

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

SEE DESCRIPTION

RELATED ITEMS

NONE

501 System Timers

Allows the technician to adjust individual timers as necessary.

TIMER TABLE

Timer Name	Default	Range Unit	Description
ALARM TIME	100	0-2500 MIN	This is the time the system alarm key will start ringing after the alarm key has been silenced.
ALERT TONE TIME	1000	100-2500 MSEC	This timer sets the duration of the attention tone preceding a call to a phone in the Voice Announce or Auto Answer mode. This tone will also precede a forced Auto Answer call.
ALM REM.INTERVAL	25	1-250 SEC	This timer controls the time length between ring attempts at a station when alarm reminder is set.
ALM REM RING OFF	10	1-25 SEC	This timer controls the length of the ring cycle duration when alarm reminder is set at a station.
ATT. RECALL TIME	30	0-250 SEC	This is the length of time a transfer recall will ring at a station before recalling the operator.
AUTO REDIAL INT.	30	1-250 SEC	This timer controls the time between attempts after RETRY dialling is set on a station.
AUTO REDIAL RLS.	45	1-250 SEC	This timer controls the duration of a Ring No Answer condition on a retry number dialled before the auto redial is automatically cancelled.
CALLBACK NO ANS	30	1-250 SEC	This timer controls the time before the callback is automatically cancelled when a callback detects Ring No Answer.
CAMP ON RECALL	30	0-250 SEC	This timer controls the duration of time a camped-on call will stay at a destination before recalling to the transferring station.
CID MSG RECEIVE	6	1-25 SEC	The amount of time that the system will allow a valid message from the analog CID trunk.
CLI DISPLAY TIME	5	1-25 SEC	The amount of time that the Caller ID information remains on the phone's display.

Timer Name	Default	Range Unit	Description
CO CONFIRM TIME	3	0-250 MIN	According to MMC 314 CO CONFIM type, the outgoing call will be disconnected after this timer or the outgoing caller will hear the confirm tone every this time.
CO-CO DISCONNECT	20	1-250 MIN	This timer monitors the duration of an unsupervised conference; when it expires, both trunks are disconnected.
CONFIRM TONE TM	1000	100-2500 MSEC	The tone heard when a feature is activated or deactivated.
DIAL PASS TIME	3	0-25 SEC	This timer monitors the duration of time before connecting the transmit of the phone to the trunk side of an outgoing call.
DISA DISCONNECT	30	1-250 MIN	This timer controls the maximum duration of a DISA call.
DISA LOCK OUT TM	30	1-250 MIN	This timer controls the duration of time a DISA call is not allowed to be made after the DISA error counter has expired(MMC 500).
DISA NOANS DISC.	30	0-250 SEC	This timer controls the duration of time a DISA call is disconnected by force when called party does not answer.
DISA PASS CHECK	30	1-250 MIN	This timer defines the time period before the system clears the incorrect passcode counter.
DISPLAY DELAY TM	3	1-250 SEC	This timer controls the duration a display is shown in the LCD display. This timer also controls the duration of time that error tone is heard.
DOOR LOCK RELES.	500	100-2500 MSEC	This timer controls the duration of time the door lock relay will be activated.
DOOR RING DETECT	50	10-250 MSEC	This timer controls the duration of time before a call is answered by the door phone.
DOOR RING OFF TM	30	1-250 SEC	This timer controls the duration of ringing at the door ring destination before automatically cancelling.
E-HOLD RECALL TM	45	0-250 SEC	This timer controls the duration of time a call is held exclusively at a station before recalling.
FIRST DIGIT TIME	10	1-250 SEC	This timer controls how long the system will wait for dialling to begin before dropping the dial tone and returning the you to error tone.
HOK FLASH MAX TM	180	20-2500 MSEC	This timer monitors the duration of a hook switch flash to ensure that the flash is valid and not a line noise or an accidental hook switch bounce LONGEST duration.

Timer Name	Default	Range Unit	Description
HOK FLASH MIN TM	70	20-2500 MSEC	This timer monitors the duration of a hook switch flash to ensure that the flash is valid and not a line noise or an accidental hook switch bounce SHORTEST duration.
HOOK OFF TIME	300	20-2500 MSEC	This timer controls the time before dial tone is sent to a single line station.
HOOK ON TIME	1000	20-2500 MSEC	This timer sets the minimum amount of time that the system will recognize as an SLT hang up.
INQUIRY RELEASE	30	1-250 SEC	This timer monitors the duration of the interaction of the Soft button to determine when to return the LCD back to a normal status. This timer affects only display phones.
INTER DIGIT TIME	10	1-250 SEC	This timer controls the grace period between dialling valid digits before dropping the call and returning you back to error tone.
ISDN INT DGT TM	7	1-15 SEC	This timer controls the grace period between dialling valid digits and the end of the dialling string on an ISDN call.
KMMC LOCK OUT TM	30	10-250 SEC	This timer controls the grace period between programming actions while in a programming session. The timer automatically returns the system to secure programming status.
LCR ADVANCE TIME	5	1-250 SEC	This timer controls the duration of time before selecting the next allowable route when a station is allowed to route advance.
LCR INTER DIGIT	5	1-250 SEC	This timer controls the grace period between dialling valid digits before accessing a trunk.
LONG KEY DETECT	600	0-2500 MSEC	This timer controls the time a key must be held down before the key press is repeated.
LONG KEY REPEAT	300	0-2500 MSEC	This timer controls the time between repeated digits on a long key press.
MS LED ON TIME	10	1-10 SEC	This timer controls the duration a Manual Signalling key will remain on after use.
OFF HOOK RING INT	15	1-250 SEC	This timer controls the duration of time between ring bursts to a user who has a camped-on call.
OHVA ANSWER TIME	10	1-250 SEC	This timer controls the time duration of an OHVA call before automatic rejection.
PAGE TIME OUT	20	1-250 SEC	This timer controls the duration of a page announcement.

Timer Name	Default	Range Unit	Description
PAGE TONE TIME	500	100-2500 MSEC	This timer controls the duration of tone burst heard over the page prior to the page announcement.
PARK RECALL TIME	45	0-250 SEC	This timer controls the duration of time a call is parked before recalling to the call park originator.
PC-MMC LOCK TIME	5	1-60 MIN	This timer monitors the PCMMC activity, drops the link if no action is created by PCMMC and returns the system back to secure program status.
POWER DOWN TIME	2000	500-9900 MSEC	This timer monitors the power to the ROM pack to begin shutdown status.
RECALL DISCONECT	2	1-250 MIN	This is the time an attendant recall will ring before being disconnected.
RECALL WAIT TIME	15	0-250 SEC	This is the time any recall(hold or transfer) continues to recall at your station before it recalls to the operator.
ROUTE OPTIMISE	5	0-250 SEC	When the call is made via Q-SIG signalling, the route optimization is activated after this time.
SMDR START/DP	30	1-250 SEC	This grace period timer starts SMDR recording for rotary
SMDR START/DTMF	15	1-250 SEC	This grace period timer starts SMDR recording for touchtone dialling. This timer also controls the LCD duration timer on the phones. The duration time displayed and the SMDR time duration will be the same.
SYS HOLD RECALL	45	0-250 SEC	This timer determines the time calls can be left on hold before recalling back to the holding station. This is a system-wide timer. Setting timer to 000 will defeat this feature and no recalling will take place.
TRANSFER RECALL	20	0-250 SEC	This timer determines the time transferred calls ring before recalling. This is a system-wide timer.
TSW CONN. DELAY	0	0-10 SEC	When incoming trunk makes outgoing call to another trunk, the system connects voice path after this time.

```
                    Certain timers are disabled when the value is '0'.


  NOTE
```

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 501
   Display shows first timer value

   ```
   ALARM TIME
   0100 MIN→
   ```

2. Press Volume button to select timer and press
   Right Soft button to move cursor

   ```
   KMMC LOCK OUT TM
   060 SEC→
   ```

3. Enter new value using keypad ; if valid, system
   returns to step 2 with new value

   ```
   KMMC LOCK OUT TM
   060 SEC→250
   ```

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

SEE DESCRIPTION
SOME TIMERS ARE DEPEND ON COUNTRY

RELATED ITEMS

NONE

502 Station-Wide Timers

Allows certain station timer values to be changed on a per-station basis or for all stations.

No	Timer Name	Description
0	NO ANS FWD	This timer controls how long the station will ring before Forward on No Answer takes place.(015 sec)
1	DTMF DUR.	This timer governs the duration of DTMF digits which are transmitted to an external VMS system port. This can be used when a VMS system fails to recognize the default DTMF digit duration being transmitted from the SLT port.(0100 ms)
2	F-DGT DELY	This timer will be valuable for the system administrator to insert a suitable delay before generating DTMF digits for In Band integration.(0600 ms)
3	OFFHK SEL.	This timer controls the grace period before placing an internal/external call as programmed in MMC 306.(008 sec)
4	EFWD DELAY	This timer controls the External Call Forward feature which will allow a station to ring before the call is placed on external call forwarding. (010 sec)

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 502
   Display shows

   ```
   [201] NO ANS FWD
   015 SEC→
   ```

2. Dial station number(e.g., 205)
   OR
   Press Volume button to select station and
   press Right Soft button
   OR

   ```
   [205] NO ANS FWD
   015 SEC→_
   ```

   Press ANS/RLS button to select all stations and
   press Right Soft button

   ```
   [ALL] NO ANS FWD
   015 SEC→_
   ```

3. Enter new value(must be three digits) via
    dial keypad(e.g., 020)
    System will return to step 2

```
[205] NO ANS FWD
015 SEC➔020
```

4. Dial timer number from above list(e.g., 1)
    OR
    Press Volume button to select and press
    Right Soft button to move cursor

```
[205] DTMF DUR.
0100 MS➔_
```

5. Enter new timer value(must be four digits,
    e.g., 0200)
    System returns back to step 2

```
[205] DTMP DUR.
0100 MS➔0200
```

6. Press Transfer button and enter to exit
    OR
    Press Speaker button to advance next MMC

DEFAULT DATA

NO ANS FWD : 015 SEC
DTMF DUR : 100 MSEC
F-DGT DELY : 600 MSEC
OFFHK SEL : 015 SEC
EFWD DELAY : 010 SEC

RELATED ITEMS

MMC 102 CALL FORWARD
MMC 207 ASSIGN VM/AA PORT
MMC 306 HOT LINE/OFF HOOK SELECTION
MMC 726 VM/AA OPTIONS

503 Trunk-Wide Timer

Allows certain trunk timer values to be changed on a per-trunk basis or for all trunks. It is not advisable to change these values, with the exception of trunk Flash Time, without assistance from Technical Support.

Timer Name	Description
ANS.BAK TM	ANSwer BAcK TiMe. This timer is used for certain types of E&M signaling and does not affect normal CO lines.
CLEARING	This timer ensures that a call is fully disconnected at the CO by preventing CO access outgoing or receiving incoming ring between a disconnect and the expiration of this timer.
CO SUPV TM	CO SUPerVision TiMe this is the minimum length of loop open disconnect received from the CO that will be seen as a valid hang up on the system.
DTMF DUR.	DTMF DURation This is the length of the DTMF digits that will be sent to the CO on this line.
F-DGT DELY	First DiGiT DELaY This is the length of time the system will wait for CO line conditions to stabilize after seizure before sending DTMF digits.
FLASH TIME	This is the duration of the momentary open sent on a circuit when FLASH key is pressed.
NO RING TM	This is the length of time the system will wait after detecting a ring burst on a line before deciding the call has disconnected.
PAUSE TIME	This is the length of time the system will wait before sending the next digit for a pause in a speed dial bin.
PRS DET TM	This means the duration of PRS signal pulse. If the PRS signal is reversed when opposite party is answered and maintain the status before the opposite party disconnect the call, the PRS DET TM must be set to 0.
RNG DET TM	RiNG DETect TiMe This is the minimum length of ring signal the system will regard as a valid ring.
MF/DP INT	This is the interval between sending digit. In case of DTMF signal, over the 500ms will be serviced as 100 ms.
MFR DLY TM	This is a delay time to allocate the MFR after incoming trunk is detected. This is to prevent the wrong detection of DTMF signal by noise.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE　　　　　　　　　　　　　　　**DISPLAY**

1. Press Transfer button and enter 503
   Display shows

```
[701] ANS.BAK TM
0600 MS➜
```

2. Dial trunk number(e.g., 704)
   OR
   Press Volume button to select trunk and press
   Right Soft button to move cursor
   OR
   Press ANS/RLS button to select all trunks

```
[704] ANS.BAK TM
0600 MS➜
```

```
[ALL] ANS.BAK TM
0600 MS➜_
```

3. Dial timer number from the list
   OR
   Press Volume button to select timer and press
   Right Soft button to move cursor

```
[704] DTMF DUR.
0100 MS➜_
```

4. Enter new timer value
   (must be four digits, e.g., 0200)
   System returns to step 2

```
[704] DTMF DUR.
0100 MS➜0200
```

5. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

Timer Name	Value	Range
ANS.BAK TM	0600 MSEC	0-2500 MSEC
CLEARING	1000 MSEC	100-9900 MSEC
CO SUPV TM	2500 MSEC	10-2500 MSEC
DTMF DUR.	0100 MSEC	100-9900 MSEC
F-DGT DELY	0600 MSEC	100-9900 MSEC
FLASH TIME	0600 MSEC	20-2500 MSEC
NO RING TM	04 SEC	1-25 SEC
PAUSE TIME	03 SEC	1-25 SEC
PRS DET TM	0000 MSEC	0-2500 MSEC
RNG DET TM	0050 MSEC	10-2500 MSEC
WINK TIME	200 MSEC	100-300 MSEC
MF/DP INT	0800 MSEC	100-9900 MSEC
MFR DLY TIME	00 SEC	0-25 SEC

RELATED ITEMS

NONE

504 Pulse Make/Break Ratio

Allows the ability to change the value of pulses per second and the duration of the make/break time. This will only affect rotary dial trunks.

0 : Make/Break Ratio(01-99)
1 : Pulse Per Second(10 or 20)

PROGRAM BUTTONS

- VOLUME Used to scroll through options
- KEYPAD Used to enter selections
- SOFT Move cursor left and right
- SPEAKER Used to advance next MMC

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 504
   Display shows

MAKE/BREAK RATIO
33 MAKE→

2. Dial 0 or 1 for option
   OR
   Press Volume button for selection and press Right
   Soft button to move cursor

PULSE PER SECOND
10 PPS→_

3. Dial new value
   System returns to step 2

PULSE PER SECOND
10 PPS→20

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

MAKE/BREAK : 3 MAKE
PULSES PER SECOND : 10 PPS

RELATED ITEMS

MMC 402 TRUNK DIAL TYPE

505 Assign Date And Time

Allows the system date and time to be set. This will set the system-wide clock.

Display	Meaning	Range
YY	Year	00-99
MM	Month	01-12
DD	Date	01-31
W	Day	0-6(0 : SUN, 1 : MON, 2 : TUE, 3 : WED, 4 : THU, 5 : FRI, 6 : SAT)
HH	Hour	00-23
MM	Minute	00-59

PROGRAM BUTTONS

- KEYPAD　　　Used to enter selections
- SPEAKER　　Used to advance next MMC

ACTION

PROCEDURE　　　　　　　　　　　　　　　DISPLAY

1. Press Transfer button and enter 505
   Display shows

   ```
   OLD:0111095:0901
   NEW:YYMMDDW:HHMM
   ```

2. Enter new time and date using above table
   System returns to step 2

   ```
   OLD:0111095:0901
   NEW:0111121:1445
   ```

3. Verify time and date
   Re-enter if necessary

   ```
   OLD:0111121:1445
   NEW:YYMMDDW:HHMM
   ```

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

FOLLOW SOFTWARE DATE 12:00

RELATED ITEMS

MMC 861 SYSTEM OPTIONS : AUTO UPDATE TIME

506 Tone Cadence

Provides the ability to customize the tone cadence on a system-wide basis.
The system can provide eleven types of tone and three types of tones provided from Central Office or PBX system can be detected. Please call Technical Support before changing any cadences as some systems may require default settings.

Tone Type	Description
BUSY TONE	The called station is busy.
CONFM/BARGE	A feature has been successfully activated/cleared or a Barge In with Tone has been performed.
DIAL TONE	The system is ready to interpret key presses/dialled digits.
DND/NO MORE	The called station is in DND or has no free CALL buttons.
ERROR TONE	An error has been made.
HOLD/CAMPON	This is the system generated hold tone.
MSGWAT TONE	This is the tone heard at an SLT with a message waiting.
RGBACK TONE	The called station is ringing.
RING TONE	This is the tone heard from ROP device or Loud Bell when these devices are called.
TRANSFERER TONE	This is the tone heard when the transfer button is pressed or an SLT hook flashes.
DID RNGBACK	This is the tone heard by the outside party when they dial a DID number.
CO BUSY TONE	This is used to detect the busy tone provided from Central Office or PBX system.
CO RING BACK	This is used to detect the ring back tone provided from Central Office or PBX system.
CO DIAL	This is used to detect the dial tone provided from Central Office or PBX system.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 506
   Display shows

```
BUSY TONE
INTERRUPT TONE
```

2. Dial tone number from above list(00-13, e.g., 09)
    OR
    Press Volume button to select tone, press Left
    Soft button and advance to step 3

```
TRANSFERER TONE
INTERRUPT TONE
```

3. Dial tone option 0 for CONTINUOUS or 1 for
    INTERRUPT
    OR
    Press Volume button to select tone control and
    press Right Soft button to advance step 4
    OR
    Press Left Soft button to return to step 2

```
TRANSFERER TONE
INTERRUPT TONE
```

4. Dial new value for interrupt times
    (must be four digits)
    Press Right Soft button advances cursor
    Press Left Soft button retreats cursor
    If valid entry, system returns to step 2

```
TRANSFERER TONE:0100
9900 0100 9900
```

5. Press Transfer button and enter to exit
    OR
    Press Speaker button to advance next MMC

DEFAULT DATA

[Unit : milliseconds]

Tone	On	Off	On	Off
BUSY TONE	350	350	350	350
CONFIRM/BARGE-IN	250	250	250	1250
DIAL TONE	CONTINUOUS			
DND/NO MORE TONE	250	250	250	250
ERROR TONE	200	200	200	200
HOLD/CAMP-ON TONE	500	3500	500	3500
MESSAGE WAIT TONE	1000	250	1000	250
RING BACK TONE	1000	4000	1000	4000
RING TONE	1000	2000	1000	2000
TRANSFER TONE	100	100	100	100
DID RING BACK TONE	1000	2000	1000	2000
CO BUSY TONE	350	350	350	350
CO RING BACK TONE	1000	4000	1000	4000
CO DIAL TONE	CONTINUOUS			

RELATED ITEMS

NONE

507 Assign Ring Plan Time

Use this MMC to program Ring Plans time settings. Ring Plans provide six separate ringing destinations based on day of the week and time of day. The start time within a plan is the time the system will switch from one ringing destination to the next. The end time is the time the system will switch from that plan to the previous plan. A RPO(Ring Plan Override) key is not needed as the system will switch automatically; however, it is helpful to have a dedicated button so the status can be manually changed if needed. If a ring plan has no time entry the ring plan defaults to ring plan 1. The ring plans correlate with all MMC's that program ring or termination destinations and station and trunk COS.

Use the following example of assigning Ring Plans :

Ring Plan	Start Time	End Time
(MON : 1)	ST : 0000	END : 23:59
(MON : 2)	ST : 0800	END : 2200
(MON : 3)	ST : 1000	END : 2000
(MON : 4)	ST : 1200	END : 1800
(MON : 5)	ST : 1300	END : 1600
(MON : 6)	ST : 1400	END : 1500

Using a 24 hour clock in the example above notice that the END time is within the same 24 hour period. The system will stay in the last active Ring Plan from the previous day until the end time which is 23:59. Monday starts the Ring Plan 1 at 00:00. The system will stay Ring Plan 1 until 08:00 and will stay in Ring Plan 2 until Ring Plan 3 starts. As each ring Plan start it will override the previous Ring Plan. If a Ring Plan ends and there are no additional Ring Plans the system will default to the Ring Plan with time that extends past the expired ring plan time.

NOTE	Ring Plans must be programmed in sequence. IE. RP 1, 2, 3, 4 etc. A Ring Plan cannot be omitted. IE. RP 1, 2, 5 etc. A higher numbered Ring Plan cannot have a START time before a lower numbered Ring Plan.

NOTE	Ring Plan 1 is the default Ring Plan of each day. If no Ring Plan destination is input the operator group is the default destination.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 507
   Display shows

   ```
   RING PLAN (SUN:1)
   ST:     END:
   ```

2. Dial day number(0-6, e.g., 3)
   OR
   Press Volume button to select day
   Press Right Soft button to advance cursor to step 3

   ```
   RING PLAN (WED:1)
   ST:     END:
   ```

3. Dial ring plan number(1-6, e.g., 2)
   OR
   Press Volume button to select day
   Press Right Soft button to advance cursor to step 4

   ```
   RING PLAN (WED:2)
   ST:_    END:
   ```

4. Dial start time,(e.g., 1030)
   If valid, cursor moves to end time
   Enter end time
   If valid, system returns to step 2
   Begin again

   ```
   RING PLAN (WED:1)
   ST:1030 END:1800
   ```

5. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

START : NONE
END : NONE

RELATED ITEMS

MMC 202 FEATURE PASSCODE
MMC 512 HOLIDAY ASSIGNMENTS
MMC 701 STATION COS
MMC 722 STATION KEY PROGRAMMING
MMC 723 SYSTEM KEY PROGRAMMING

508 Call Cost

Allows the system administrator to set the Call Cost attributes generated by the system during a call. This information can be displayed on the phone LCD during a call or as an SMDR record.

No	Display	Description
0	UNIT COST PER MP	When the system is installed to receive MP on a C. O. outgoing call. It is used for generating total call cost by multiplying it by the number of pulses. Allows a maximum value of 9999.
1	CALL COST RATE	This generates additional call cost calculated by multiplying this rate by the original call cost. Ranges from 100 through 255.

Changing this value when there is a call in progress may result in an inaccurate call cost. This MPD facility requires the Metering Pulse Detection version of the trunk card.

PROGRAM BUTTONS

- VOLUME　　Used to scroll through options
- KEYPAD　　Used to enter selections
- SOFT　Move cursor left and right
- SPEAKER　Used to advance next MMC
- HOLD　　　Used to clear previous entry

ACTION

PROCEDURE　　　　　　　　　　　　　　**DISPLAY**

1. Press Transfer button and enter 508
   Display shows

   ```
   UNIT COST PER MP
   0100PESET→
   ```

2. Dial 0 OR 1(e.g., 1)
   OR
   Press Volume button to select , and press
   Right Soft button to move cursor

   ```
   CALL COST RATE
   100 %→
   ```

3. Enter new value(e.g., 110 for 110 percent)
   System returns to step 2

   ```
   CALL COST RATE
   110 %
   ```

4. Press Transfer button and enter to exit
    OR
    Press Speaker button to advance next MMC

DEFAULT DATA

UNIT COST PER MP : 100 PERCENT
CALL COST RATE : 100 PERCENT

RELATED ITEMS

MMC 110 STATION ON/OFF : CALL COST OPTION

510 SLI Ring Cadence

Provides the ability to customize the ring cadence for single line ports on a system-wide basis. There are 5 cadences available. Please call Technical Support before changing any cadences as some peripheral systems may require default settings.

No	Ring Type	Description
1	STN RING	This is the cadence intercom calls will ring at.
2	TRK RING	This is the cadence trunk calls will ring at.
3	DOOR RING	This is the cadence door phone calls will ring at.
4	ALM RING	This is the cadence alarm reminder calls will ring at.
5	CBK RING	This is the cadence callbacks will ring at.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 510
   Display shows

   ```
   1:STN RING :0400
   0200 0400 3000
   ```

2. Dial cadence number from above list(e.g., 3)
   OR
   Press Volume button to select , press LEFT
   Soft button and advance to step 3

   ```
   3:DOOR RING:0400
   0100 0400 2000
   ```

3. Dial new value for interrupt times
   (must be four digits)
   Press Right Soft button advances cursor
   Press Left Soft button retreats cursor
   If valid entry, system returns to step 2

   ```
   3:DOOR RING:0100
   9900 0100 9900
   ```

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

[Unit : milliseconds]

Ring Type	On	Off	On	Off
STN RING	0400	0200	0400	3000
TRK RING	1000	3000	1000	3000
DOOR RING	0400	0100	0400	2000
ALM RING	0200	0200	0200	2000
CBK RING	0200	0200	0200	4000

RELATED ITEMS

NONE

512 Holiday Assignment

This MMC defines up to 60 holiday dates throughout the year. The system will override the normal ring plan for these days and remain in the ring plan associated with the holiday. Dates are entered in a month day format. For example July 4th would be 0704. One ring plan applies to all holidays.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 512
   Display shows the Ring Plan

   ```
   RING PLAN
   FOLLOW 1
   ```

2. Press Right Soft button advance cursor.
   Press Volume button to select a Ring Plan
   OR
   Use the dial keypad to select a Ring Plan(e.g., 2)

   ```
   RING PLAN
   FOLLOW 2
   ```

3. Press the Right Soft button to enter and advance cursor

   ```
   RING PLAN
   FOLLOW 2
   ```

4. Press Volume button to scroll to
   Assign Holiday and press Right Soft button to advance cursor.

   ```
   ASSIGN HOLIDAY
   01:
   ```

5. Press Volume button to select entry and press Right Soft button enter and advance cursor

   ```
   ASSIGN HOLIDAY
   05:
   ```

6. Dial date using the dial keypad for holiday (e.g., 0704)

   ```
   ASSIGN HOLLIDAY
   05:0704
   ```

7. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

NO HOLIDAY ASSIGNED
FOLLOW RING PLAN 1

RELATED ITEMS

MMC 507 ASSIGN RING PLAN TIME

514 Tone Source

This program is assigned external tone source instead of system tone. There are 7 types of tone for external tone source.

No	Tone Type
0	BUSY TONE
1	DIAL TONE
2	DND/NO MORE
3	TRANSFER TONE
4	MSG WAIT TONE
5	ERROR TONE
6	RGBACK TONE

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 514
   Display shows

   ```
   BUSY TONE
   TONE
   ```

2. Enter the system tone number(0-6)
   OR
   Press Volume button to select tone number and
   press Right Soft button to move cursor

   ```
   DIAL TONE
   TONE
   ```

3. Dial a number for external tone source
   OR
   Press Volume button to select tone number and
   press Right Soft button to store

   ```
   DIAL TONE
   371
   ```

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to save and advance to next
   MMC

DEFAULT DATA

TONE

RELATED ITEMS

NONE

515 Assign Daylight Saving Date

Allows the Technician to program the start dates and end dates of daylight saving time on a system for the current year and the next 9 years. System will automatically add 1 hour to the system clock at 02.00(2.00 a.m.) on the Start date and subtract 1 hour from the system clock at 02.00(2.00 a.m.) on the End date.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- TRANSFER   Used to exit programming

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 515
   Display shows

   ```
   NO:YY:START:END
   00:  :     :
   ```

2. Enter entry number(e.g., 00 for current year)
   OR
   Press Volume button to select entry number and
   press Right Soft button to move cursor

   ```
   NO:YY:START:END
   00:_ :     :
   ```

3. Enter year(e.g., 03 for 2003)
   OR
   Press Volume button to select year and press
   Right Soft button to move cursor

   ```
   NO:YY:START:END
   00:03:_   :
   ```

4. Enter the start date in format MMDD.
   (e.g., 30th March would be 0330)

   ```
   NO:YY:START:END
   00:03:0330 :
   ```

5. Enter the start date in format MMDD.
   (e.g., 26th October would be 1026)

   ```
   NO:YY:START:END
   00:03:0330 :1026
   ```

6. Press Transfer button and enter to exit
   OR
   Press Speaker button to save and advance to next
   MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 505 DATE AND TIME
MMC 861 SYSTEM OPTIONS : AUTO UPDATE TIME

600 Assign Operator Group

Used to assign an operator group for each ring plan.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 600
   Display shows

   ```
   OPERATOR GROUP
   1:500    2:500
   ```

2. Dial the ring plan number(1-6)
   OR
   Press the Right Soft button to advance the cursor

   ```
   OPERATOR GROUP
   1:500    2:500
   ```

3. Dial the group number
   OR
   Press Volume button to select group and press
   Right Soft button

   ```
   OPERATOR GROUP
   1:501    2:500
   ```

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

RING PLAN 1-6 : 500

RELATED ITEMS

MMC 211 DOOR RING ASSIGNMENT
MMC 406 TRUNK RINGING ASSIGNMENT
MMC 601 ASSIGN STATION GROUP

601 Assign Station Group

This MMC is used to build all station groups. There are 10 programmable groups available in a OfficeServ 12 system.

The options for setting up these groups are as follows :

No	Option / Description
0	TYPE : This is the type of group you are creating and can be one of the following : 0 NORMAL : Used to assign stations in a ring group. The members can be stations, common bell contacts. 1 VMAA GROUP: Used to group a number of voice mail port extensions. These must have been defined in MMC 207 as VMAA ports or they cannot be entered here. Check all programming in MMC 726 to ensure that the In band DTMF codes are properly set. 2 SVM GROUP : Voice mail group for the SVM-400. Can only have distribute or sequential ringing.
1	RING MODE : Each group can have one of the following ring modes. This will decide how calls are placed to the group. 0 SEQUENTIAL : The stations listed as 'members'(see below) will be called on a first available basis. Calls will first go to the first member, if the first member is busy, calls will go to the second member, if the second member is busy, calls will go to the third member etc. This type of group is useful for placing the bulk of the incoming calls to a selected individual, with other members only getting the calls when the first member is busy. The number of members allowed for a sequential group is 20. 1 DISTRIBUTED : The first call will go to the first member, the second call will go to the second member, the third call will go to the third member. This type of group is useful for evenly distributing the call among all group members. The number of members allowed for a distributed group is 20. 2 UNCONDITIONAL : Calls are placed to all group members simultaneously. This reduces the number of members of the groups to 8. If a group member is busy, they can receive off hook ring if defined in MMC 300. This ring mode option is not available for VMAA group. The SGR INC BUSY option is not available for unconditional ring mode.
2	OVERFLOW : This is the timer value that will cause unanswered calls to a group to begin also ringing the NEXT PORT(see below) after this timer has elapsed. If set to 000, no overflow will take place.
3	GROUP TRANSFER : This is a timer that will determine how long Trunk Line calls transferred to the group will ring at the group before recalling. If set to 000, no recall will take place.

No	Option / Description
4	NEXT PORT : This is the station or group number that callers will also ring at if the OVERFLOW feature has been programmed. The OVERFLOW DESTINATION can be defined as :
	1 COMMON BELL There are up to 1 on OfficeServ 12 system. Because there is a common bell port on each MISC card.
	2 RING OVER PAGE The ROP port can be defined as the NEXT port.
	3 STATION OR STATION GROUP. Any station or station group can be defined as the NEXT port.
5	MEMBER : List all members that are to be in the group. Up to 20 members for the system are allowed in each group, but stations can be assigned to multiple station groups
6	NEXT HUNT : The length of time a call will ring at a station before it hunts to the next group member.
7	GROUP BUSY : When this option is set to ON, a busy signal will be sent to the caller if all group members are busy. When this option is set to OFF, the ring back tone is sent to the caller even if all group members are busy.
8	GRP AUTOANS : When this option is set to ON, a group call follows auto answer option also.

> **NOTE** Calls to a group do not follow the call forwarding instructions of any stations in the group.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 601
   Display shows

   ```
   [501] STN.GROUP
   TYPE:NORMAL GRP
   ```

2. Dial group number(e.g., 505)
   OR
   Press Volume button to select group and
   Press Right Soft button to move cursor.

   ```
   [505] STN.GROUP
   TYPE:NORMAL GRP
   ```

3.　Dial feature option number(0-7, e.g., 0)
　　OR
　　Press Volume button to scroll options and press
　　Right Soft button to move cursor

```
[505] STN GROUP
TYPE:VMAA GROUP
```

4.　DIAL group type(e.g., 1)
　　OR
　　Press Volume button to make selection
　　Press Left Soft button to move cursor to TYPE

```
[505] STN GROUP
TYPE:VMAA GROUP
```

5.　Dial feature option number(0-6, e.g., 1)
　　OR
　　Press Volume button to scroll options and
　　press Right Soft button to move cursor

```
[505] STN GROUP
RING:DISTRIBUTE
```

6.　Dial ring option(0-2, e.g., 0)
　　OR
　　Press Volume button to make selection
　　Press Left Soft button to move cursor
　　back to RING or press Right Soft button to
　　return to step 2

```
[505] STN GROUP
RING:SEQUENTIAL
```

7.　Dial next feature option and continue
　　OR
　　Press Volume button to select option and
　　press Right Soft button
　　OR
　　Press Left Soft button to return to step 2

```
[505] STN GROUP
RING:SEQUENTIAL
```

8.　Press Transfer button and enter to exit
　　OR
　　Press Speaker button to advance next MMC

DEFAULT DATA

NORMAL GROUP

RELATED ITEMS

MMC 203 ASSIGN UA DEVICE
MMC 600 ASSIGN OPERATOR GROUP

602 Station Group Name

Allows the system administrator or technician to enter an 11-character name to identify an individual station group.

Names are written using the keypad. Each press of a key selects a character. Pressing the next key moves the cursor to the next position. For example, if the directory name is 'SAMSUNG,' press the number '7' four times to get the letter 'S'. Now press the number '2' once to get the letter 'A'. Continue selecting characters from the table below to complete your message. Pressing 'A button' changes the letter from upper case to lower case.

> **NOTE** When the character that you want appears on the same dial keypad key as the previous character, press the Volume Up button to move the cursor to the right or the Volume Down button to move cursor left. A space can be entered by using these keys.

> **NOTE** When the character you want appears on the same dial keypad key as the previous character, press the Volume Up button to move the cursor to the right.

Count	1	2	3	4	5
DIAL 0	<	>	.	)	0
DIAL 1	Space	?	,	!	1
DIAL 2	A	B	C	@	2
DIAL 3	D	E	F	#	3
DIAL 4	G	H	I	$	4
DIAL 5	J	K	L	%	5
DIAL 6	M	N	O	^	6
DIAL 7	P	Q	R	S	7
DIAL 8	T	U	V	*	8
DIAL 9	W	X	Y	Z	9
DIAL *	:	=	[	]	*

The # button can be used for the following special characters: #, space, &, !, :, ?, ., ,, %, $, -, <, >, /, =, [,], @, ^, (,), _, +, {, }, |, :,", →,` , and \.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- A   Acts as toggle between upper case and lower case

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 602   [500] SGR NAME
   Display shows

2. Dial group number(e.g., 505)   [505] SGR NAME
   OR
   Press Volume button to make selection and
   press LEFT or Right Soft button to move cursor

3. Enter in name using above method and table   [505] SGR NAME
                                                   TELECOMS

4. Press LEFT or Right Soft button to return to step 2
   OR
   Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 104 STATION NAME
MMC 404 TRUNK NAME
MMC 601 ASSIGN STATION GROUP

603 Assign Trunk Group

Allows the assignment of trunks to a specific trunk group or to several trunk groups. This is very useful in the programming of LCR when more than one trunk is to be in several dialling plans. There are two different modes of operation : (1) sequential and (2) distribute. There are 10 programmable trunk groups with up to 30 members per group.

> ⚠ **CAUTION**
>
> One trunk can appear in more than one trunk group. If necessary, delete the trunk member from other groups to prevent accidental access.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 603
   Display shows

   ```
   [9]   TRK GROUP
   MODE:SEQUENTIAL
   ```

2. Enter in valid trunk group(e.g., 9)
   OR
   Press Volume button to make selection and press
   Right Soft button to advance cursor

   ```
   [9]   TRK GROUP
   MODE:SEQUENTIAL
   ```

3. Press Right Soft button to change mode
   OR
   Press Volume button to change mode to member

   ```
   [9]   TRK GROUP
   MEMBER 01:NONE
   ```

4. Press Right Soft button to move cursor to
   number of member and enter valid member
   number (e.g., 05) via dial keypad
   OR
   Press Volume button to make selection and press
   Right Soft button to move cursor

   ```
   [9]   TRK GROUP
   MEMBER 05:NONE
   ```

5. Enter valid trunk number(e.g., 701)
    OR
    Press Volume button to make selection and press
    Right Soft button to return to step 2

```
[9]   TRK GROUP
MEMBER 01:701
```

6. Repeat steps 1-5 to remove trunk from group 9 if
    necessary

7. Press Transfer button and enter to exit
    OR
    Press Speaker button to advance next MMC

DEFAULT DATA

ALL LOOP/ISDN TRUNKS : 9
ALL TIE TRUNKS : 801
ALL VOIP NETWORKING TRUNKS : 803
ALL VOIP H.323 TRUNKS : 804
ALL VOIP SIP TRUNKS : 805

RELATED ITEMS

LCR PROGRAMMING
VOIP NETWORKING FEATURE
VOIP GATEWAY FEATURES

604 Assign Station To Page Zone

Allows the technician to assign a phone to any of the five internal paging zones. Each page zone can have up to 16 members. A phone may be assigned to more than one zone. Page zone(*) will page all external page zones as well as all phones that are members of page zone 0.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear entry

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 604
    Display shows

    ```
    INT.PAGE ZONE(0)
    MEMBER 01:NONE
    ```

2. Enter the page zone number(0-4, e.g., 3)
    OR
    Press Volume button to make selection and
    press Right Soft button to move cursor

    ```
    INT.PAGE ZONE(3)
    MEMBER 01:NONE
    ```

3. Enter index number(e.g., 05) via dial keypad
    OR
    Press Volume button to make selection and
    press Right Soft button to move cursor

    ```
    INT.PAGE ZONE(3)
    MEMBER 05:NONE
    ```

4. Enter station number(e.g., 205) via dial keypad
    OR
    Press Volume button to make selection and press
    Right Soft button to move cursor

    ```
    INT.PAGE ZONE(3)
    MEMBER 05:205
    ```

5. Press Transfer button and enter to exit
    OR
    Press Speaker button to advance next MMC

DEFAULT DATA

NO STATIONS ASSIGNED

RELATED ITEMS

NONE

605 Assign External Page Zone

Determines which relays will close when one of the four external page zones is accessed.

CHECK	One external page port and one optional port are located on the the base board. The page relay has default DNs of 361. Optional relay has 362.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 605
   Display shows first page zone

   ```
   EXT. PAGE ZONE(5)
   MEMBER 1 :NONE
   ```

2. Dial page zone number(e.g., 6)
   OR
   Use Volume button to select desired page zone
   numbers and press Right Soft button to move the
   cursor

   ```
   EXT. PAGE ZONE(6)
   MEMBER 1 :NONE
   ```

3. Dial member number(e.g., 3)
   OR
   Use Volume button to select member numbers
   and press Right Soft button to move the cursor
   OR
   Press Left Soft button to return to step 2 above

   ```
   EXT. PAGE ZONE(6)
   MEMBER 3 :NONE
   ```

4. Dial relay number via dial keypad(e.g., 362)
   and press Right Soft button to return to step 2
   OR
   Press Left Soft button to return to step 3 above

   ```
   EXT. PAGE ZONE(6)
   MEMBER 3 :362
   ```

5. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

NONE

606 Assign Speed Block

Provides a means of adding or deleting speed dial blocks to the system or an individual phone. With the ability to delete a block or blocks of speed dial, it will not be necessary to waste these on such items as voice mail, DPIMs or stations that do not require the ability to use speed dial. The Free List will show how many bins are left to be assigned.

A library of up to 2500 speed dial numbers may be allocated as needed. The system list can have up to 500 numbers and each station can have up to 50 numbers. Speed dial numbers are assigned in blocks of ten. Each speed number may contain up to 24 digits.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear entry
- TRANSFER   Used to exit programming

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 606
    Display shows

    ```
    FREE LIST:20
    SYSTEM:20
    ```

2. Press Right Soft button to advance next line.

    ```
    FREE LIST:20
    SYSTEM:20
    ```

    OR
    You can view BUSY LIST using Volume button

    ```
    BUSY LIST:180
    SYSTEM:20
    ```

3. Make a selection of SYSTEM or EXT using
    Volume button and press Right Soft button to
    advance cursor

    ```
    FREE LIST:20
    EXT201:1
    ```

4. Enter desired extension number via dial keypad
    (e.g., 205)
    OR
    Press Volume button to make selection and press
    Right Soft button to advance cursor

    ```
    FREE LIST:20
    EXT205:1
    ```

5. Enter valid number for bins
    (e.g., 0-5 for EXT or 00-50 for SYSTEM)
    OR
    Press Volume button to make selection
    OR
    Press Hold button to delete bin(s)

```
FREE LIST:20
EXT205:5
```

6. Press Transfer button and enter to exit
    OR
    Press Speaker button to advance next MMC

DEFAULT DATA

SYSTEM : 200 ENTRIES
STATIONS : 1 BLOCKS ASSIGNED

RELATED ITEMS

MMC 105 STATION SPEED DIAL
MMC 106 STATION SPD NAME
MMC 705 ASSIGN SYSTEM SPEED DIAL
MMC 706 SYSTEM SPEED DIAL BY NAME

608 Assign Review Block

Provides means of adding or deleting CID review blocks to an individual phone. With the ability to delete a block or blocks of CID review, it will not be necessary to waste these on such items as voice mail, DPIMs or for phones that do not have displays. The free list will show how many bins are left to be assigned. The system has 2000 total bins. Each phone may be assigned a maximum of 50 bins.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear entry
- TRANSFER   To exit programming

ACTION

PROCEDURE

DISPLAY

1. Press Transfer button and enter 608 Display shows first station

```
[201] REVIEW BLK
10:0060 FREE
```

2. Enter desired EXT number(e.g., 205)
   OR
   Press Volume button to make selection and press Right Soft button to advance cursor

```
[205] REVW BLOCK
10:0060 FREE
```

3. Enter valid number for bins(e.g., 5)
   OR
   Press Volume button to make selection
   OR
   Press Hold button to delete bin(s)

```
[205] REVW BLOCK
50:0010 FREE
```

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

PHONES : 10 BINS

RELATED ITEMS

CALL LOG FEATURE : INCOMING CALL

609 Call Log Block

Provides means of adding or deleting Call LOG blocks to an individual phone. With the ability to delete a block or blocks, it will not be necessary to waste these on such items as voice mail, DPIMs or for phones that do not have displays. The free list will show how many bins are left that be assigned. The system has 2000 total bins. Each phone may be assigned a maximum of 50 bins.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear entry
- TRANSFER   To exit programming

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 609
    Display shows first station

    ```
    [201] LOG BLOCK
    10:0070 FREE
    ```

2. Enter desired EXT number(e.g., 205)
    OR
    Press Volume button to make selection and
    press Right Soft button to advance cursor

    ```
    [205] LOG BLOCK
    10:0070 FREE
    ```

3. Enter valid number for bins(e.g., 5)
    OR
    Press Volume button to make selection
    OR
    Press Hold button to delete bin(s)

    ```
    [205] LOG BLOCK
    50:0030 FREE
    ```

4. Press Transfer button and enter to exit
    OR
    Press Speaker button to advance next MMC

DEFAULT DATA

PHONES : 10 BINS

RELATED ITEMS

CALL LOG FEATURE : OUTGOING CALL

611 Allow Text Messaging

This program allows you to send a text message to a busy station or during an OHVA. Up to 100 stations can be set to the system.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear entry
- TRANSFER   To exit programming

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 611
   Display shows

   ```
   [201] TMSG STN
   NOT USED:100 FREE
   ```

2. Enter the number of a station
   OR
   Press Volume button to make selection and press Right Soft button to advance cursor

   ```
   [202] TMSG STN
   NOT USED:100 FREE
   ```

3. Specify whether text message will be used or not.

   ```
   [202] TMSG STN
   USED
   ```

4. Press Transfer button and enter to exit the program.
   OR
   Press Speaker button to move on to the next program.

DEFAULT DATA

NONE

RELATED ITEMS

MMC 117 TEXT MESSAGE

612 Allow Group Conference

This program allows a station to use the Group conference call feature. Up to 100 stations can be allowed in the system. Each user can have up to 5 pre programmed conferences.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear entry
- TRANSFER   To exit programming

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 612
    Display shows

    ```
    [201] CONF STN
    NOT USED:100 FREE
    ```

2. Enter the number of a station
    OR
    Press Volume button to make selection and
    press Right Soft button to advance cursor

    ```
    [202] CONF STN
    NOT USED :100 FREE
    ```

3. Specify whether a group conference be used
    or not.

    ```
    [205] CONF STN
     USED
    ```

4. Press Transfer button and enter to exit the
    program
    OR
    Press Speaker button to move on to the next
    program.

DEFAULT DATA

NONE

RELATED ITEMS

MMC 118 CONFERENCE GROUP

614　Station/Trunk Use Group

This program allows you to set a call group in which each station or Trunk line is included. It is useful if you want to limit a call between stations, outgoing calls through a Trunk line, or call-pickup.

PROGRAM BUTTONS

- VOLUME　　　Used to scroll through options
- KEYPAD　　　Used to enter selections
- SOFT　　Move cursor left and right
- SPEAKER　　Used to advance next MMC
- HOLD　　　　Used to clear entry
- TRANSFER　To exit programming

ACTION

PROCEDURE　　　　　　　　　　　　　　**DISPLAY**

1. Press Transfer button and enter 614
   Display shows first station

   ```
   STATION GROUP
   201:001
   ```

2. Enter [0] if you want to set a call group to a station.
   Enter [1] if user want to set a call group to a trunk
   OR
   Press Volume button to make selection and press Right Soft button to advance cursor

   ```
   TRUNK GROUP
   701:301
   ```

3. Enter a number you want
   OR
   Press Volume button to make selection and press Right Soft button to advance cursor

   ```
   TRUNK GROUP
   702:301
   ```

4. Enter the number of the call group you want to set
   OR
   Press Volume button to make selection and press Right Soft button to advance cursor

   ```
   TRUNK GROUP
   702:302
   ```

5. Press Transfer button and enter to exit the program
   OR
   Press Speaker button to move on to the next program

DEFAULT DATA

ALL STATIONS : 001
ALL TRUNKS : 301

RELATED ITEMS

MMC 304 ASSIGN EXTENSION/TRUNK USE
MMC 316 COPY STATION/TRUNK USE
MMC 317 ASSIGN STATION/STATION USE
MMC 428 ASSIGN TRUNK/TRUNK USE

615 MGI Group

This optional program sets designated MGI ports for specific services. This allows 'grading' of MGI card for traffic conditions. The MGI ports can be segregated into groups. Keep in mind that any entries made here can be ineffective, if conflicting entries exist in MMC616.

No	MGI Port Type	Description
0	LOCAL ITP	This determines what MGI ports can be used with ITP phones across a private IP network
1	PUB IP ITP	This determines what MGI ports can be used with ITP phones on a public IP network.
2	VOIP NTWK	This determines what MGI ports can be used for enhanced proprietary Samsung VoIP networking between OfficeServ 12 systems across a private IP network.
3	PUB IP NTWK	This determines what MGI ports can be used for enhanced proprietary Samsung VoIP networking between OfficeServ 12 systems on a public IP network
4	VOIP TRUNK	This determines what MGI ports can be used as industry-standard H.323 or SIP VoIP trunks for communications across a private network
5	PUB IP TRK	This determines what MGI ports can be used as industry-standard H.323 or SIP VoIP trunks for communications on a public network
6	MGI3 NEEDED	This determines what MGI ports can be used for T.38 facsimile communications across a private network.
7	PUB IP MGI3	This determines what MGI ports can be used for T.38 facsimile communications on a public network.
8	ITP PAGED	This determines what MGI ports can be used with station page to ITP phones across a private IP network

The MGI ports can be allow two selection modes : Sequential or Distributed.
The members of each selection are the actual ports on the MGI card.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 615
    Display shows the first available option

```
USER: LOCAL ITP
MODE:SEQUENTIAL
```

2. Press Volume button to select an user type
    Press Right Soft button to move cursor

```
USER: LOCAL ITP
MODE:SEQUENTIAL
```

3. Press Volume button to select an option and
    press Right Soft button to move cursor

```
USER: LOCAL ITP
MODE:SEQUENTIAL
```

4. Press Volume button to select an data and
    press Right Soft button to store data and
    move cursor to return to Step 1

```
USER: LOCAL ITP
MODE:SEQUENTIAL
```

5. Press Transfer button and enter to exit
    OR
    Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 616 MGI USER
MMC 838 PRIVATE IP ADDRESSES
MMC 840 IP SET INFORMATION

616 MGI User

This optional program selects which specific MGI ports will be dedicated on a per-port basis for IP station/trunk devices. If this MMC is not utilized, allocation of MGI ports will be controlled by MMC615. By defining dedicated MGI port usage, the IP station/trunk selected will always use the port programmed. MGI ports can be assigned for digital stations(2XX), private and public ITP stations(32XX), VoIP Networking trunks(83XX), H.323 trunks(84XX), SIP trunks(85XX). Only one assignment per MGI port is permitted. Any entries made here will override entries made in MMC615.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 616
    Display shows the first available option

    ```
    [3801] MGI USER
    NONE
    ```

2. Enter MGI dial number
    OR
    Press Volume button to select an MGI port and
    press Right Soft button to move cursor

    ```
    [3801] MGI USER
    NONE
    ```

3. Enter MGI user dial number
    OR
    Press Volume button to select an MGI user and
    press Right Soft button to store and move cursor

    ```
    [3801] MGI USER
    NONE
    ```

4. Press Transfer button and enter to exit
    OR
    Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 615 MGI GROUP
MMC 616 MGI USER
MMC 834 H.323 OPTIONS
MMC 837 SIP OPTIONS
MMC 838 PRIVATE IP ADDRESSES
MMC 840 IP SET INFORMATION
MMC 841 SYSTEM IP OPTIONS

700 Copy COS Contents

This MMC allows the technician to duplicate a class of service to make it easier to have multiple similar classes of service.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- 'F' KEY   Used to advance MMC 701

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 700
   Display shows

   ```
   COPY COS ITEMS
   COS01➔COS01
   ```

2. Dial selected COS to copy(e.g., 05)
   OR
   Press Volume button to select COS and press
   Right Soft button to move cursor and advance
   to next step

   ```
   COPY COS ITEMS
   COS05➔COS01
   ```

3. Dial target COS(e.g., 06)
   OR
   Press Volume button to select COS and press
   Right Soft button to move cursor back to step 2

   ```
   COPY COS ITEMS
   COS05➔COS06
   ```

4. Press F key to advance MMC 701 and press
   RIGHT soft to advance cursor

   ```
   COS CONTENTS(06)
   TOLL LEVEL:A
   ```

5. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 701 ASSIGN COS CONTENTS

701 Assign COS Contents

Similar to MMC 700 but does not allow a copy command. This MMC is primarily used for creating a new class of service. If the unsupervised conference feature is allowed, a programmed CONF key must be available to allow re-entry into a conference call. There are 30 classes of service available.

This MMC is divided into 4 categories.

No	COS/Description			
0	TOLL	LEVEL		
	0	A	Follow toll class A(Unrestricted)	
	1	B	Follow toll class B in MMC 702, 703	
	2	C	Follow toll class C in MMC 702, 703	
	3	D	Follow toll class D in MMC 702, 703	
	4	E	Follow toll class E in MMC 702, 703	
	5	F	Follow toll class F in MMC 702, 703	
	6	G	Follow toll class G in MMC 702, 703	
	7	H	Follow toll class H(All restricted)	
1	USABLE FEATURES			
	No	COS	DEFAULT	DESCRIPTION
	00	AA CALER	YES	Auto answer control by caller
	01	ABSENCE	YES	Absence
	03	AUTO RDL	YES	Retry on busy
	04	CALLBACK	YES	Callback
	05	CLIP ABN	YES	Caller ID Abandon
	06	CLIP INQ	YES	Caller ID Inquire
	07	CLIP INV	YES	Caller ID Investigate
	08	CONFER.	YES	Conference
	09	DALM CLR	YES	DISA alarm ring clear
	10	DIRECT.	YES	Directory dial
	11	DISA	YES	Allow DISA use
	12	DND	YES	Do Not Disturb
	13	DND FWRD	YES	Forward Do Not Disturb
	14	DND OVRD	NO	Do Not Disturb override
	15	DOOR	YES	Door ring answer
	16	DSS	YES	Direct station select

No	COS/Description			
1	No	COS	DEFAULT	DESCRIPTION
	17	DTS	YES	Direct trunk select
	19	EXT FWD	YES	External call forward
	20	FEATURE	YES	Transfer button
	21	FLASH	YES	Trunk flash
	22	FOLLOW-ME	YES	Call forward-follow me
	23	FORWARD	YES	Call forwarding
	25	GRP I/O	YES	Group in/out
	26	HOLD	YES	Hold
	27	HOTLINE	YES	Hot line and Off hook selection
	28	INTERCOM	YES	Intercom call
	30	MESSAGE	YES	Message
	31	MM PAGE	YES	Meet me page
	32	NEW CALL	YES	New call
	33	OHVAED	YES	Receive Off hook voice announcement
	34	OHVAING	YES	Make Off hook voice announcement
	35	ONEA2	YES	1A2 emulation
	36	OPERATOR	YES	Call to Operator
	37	OUT TRSF	YES	Outgoing transfer
	38	OVERRIDE	NO	Barge-In
	39	PAGE 0	YES	Page zone 0 Paging
	40	PAGE 1	YES	Page zone 1 Paging
	41	PAGE 2	YES	Page zone 2 Paging
	42	PAGE 3	YES	Page zone 3 Paging
	43	PAGE 4	YES	Page zone 4 Paging
	44	PAGE 5	YES	Page zone 5 Paging
	45	PAGE 6	YES	Page zone 6 Paging
	49	PAGE *	YES	Page zone *
	51	PICKUP	YES	Call pickup
	*52	PRB	YES	Privacy Release and Bridge
	53	REM. HOLD	YES	Remote Hold
	54	RNG PLAN	YES	Ring Mode Change
	55	SECURE	YES	Barge-In secure
	56	SET RLOC	NO	Set Relocation
	57	SSPD TOL	YES	System Speed dial toll check

No	COS/Description			
1	No	COS	DEFAULT	DESCRIPTION
	58	STN LOCK	YES	Station Lock
	59	SYS SPD	YES	System Speed dial
	61	TRK EHLD	YES	Trunk call exclusive hold
	62	UNCO CNF	YES	Unsupervised Conference
	63	VM AREC	NO	Auto Record(SVM-400)
	64	VM AME	NO	Answer Machine Emulation(SVM-400)
	65	VM REC	NO	Call Record(SVM-400)
2	CALL STATION GROUPS			
	STN GROUP 01-80		YES	Station group 01-10 calling
3	CALL TRUNK GROUPS			
	TRK GROUP 01-30		YES	Trunk group 01-10 calling
4	CALL TO SVM STN			
	LCD DISPLAY		DESCRIPTION	
	SVM STN 01		SVM-400 port calling	

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE

DISPLAY

1. Press Transfer button and enter 701
   Display shows

```
COS CONTENTS(01)
TOLL LEVEL:A
```

2. Dial COS(e.g., 06)
   OR
   Press Volume button to select COS number and
   press Right Soft button to move cursor

```
COS CONTENTS(06)
TOLL LEVEL:A
```

3. Dial COS contents categories.
   (e.g., 1 for usable feature)
   OR
   Press Volume button to select COS categories and
   press Right Soft button to move cursor

```
COS CONTENTS(06)
00:AA CALER :YES
```

4. Dial COS usable feature option(e.g., 12)
   OR
   Press Volume button to select option and press
   Right Soft button to move cursor

```
COS CONTENTS(06)
12:DND     :YES
```

5. Dial 0 for NO or 1 for YES
   OR
   Press Volume button to select option and
   press Right Soft button to return to step 4

```
COS CONTENTS(06)
12:DND     :NO
```

6. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

SEE DESCRIPTION

RELATED ITEMS

MMC 700 COPY COS CONTENTS
MMC 702 TOLL DENY TABLE
MMC 703 TOLL ALLOWANCE TABLE
TOLL RESTRICTION

702 Toll Deny Table

Provides a way to make toll restriction(call barring) very easy and flexible. There are 500 entries allowed in the deny and each entry index can be assigned to a class of service. Each index can have up to 12 digits. With the use of wild cards(MMC 704 Assign Wild Character), more flexibility can be built into toll restriction. Wild cards can be used repeatedly in the dial string, limited only to what is allowed or denied in MMC 704. There are six toll levels, B to G, that are programmable. Toll level A is set as unrestricted by default and toll level H is set as in-house only by default.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- A   Used to wild card X entered
- B   Used to wild card Y entered
- C   Used to wild card Z entered

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 702
   Display shows

   ```
   DENY(001):BCDEFG
           :000000
   ```

2. Dial index number.(e.g., 005)
   OR
   Press Volume button to select index and press
   Right Soft button to move cursor

   ```
   DENY(005):BCDEFG
   _       :000000
   ```

3. Enter toll pattern via dial keypad(e.g., 212)

   ```
   DENY(005):BCDEFG
   212_    :000000
   ```

   OR
   Enter wild card(e.g., 21X) from above list and
   press Right Soft button to move cursor to COS
   options

   ```
   DENY(005):BCDEFG
   21X_    :000000
   ```

4. Press Volume button to move cursor along line
   until under toll class mark(e.g., E)

   ```
   DENY(001):BCDEFG
   212     :000100
   ```

Enter a 1 for YES or 0 for NO and press
Right Soft button to store and return to step 1
OR
Press Left Soft button to return to step 2

5. Press Transfer button and enter to exit
OR
Press Speaker button to advance next MMC

DEFAULT DATA

ALL ENTRIES ARE SET TO 0

RELATED ITEMS

MMC 301 ASSIGN STATION COS
MMC 701 ASSIGN COS CONTENTS
MMC 703 TOLL ALLOWANCE TABLE
MMC 704 ASSIGN WILD CHARACTER

703 Toll Allowance Table

Provides a way to make toll restriction very easy and flexible. There are 250 allowable entries in the allow table for a OfficeServ 12 system and each entry index can be assigned to a class of service. Each index can have up to 12 digits. With the use of wild cards(MMC 704 Assign Wild Character), more flexibility can be built into toll restriction. There are six toll levels, B to G, that are programmable. Toll level A is set as unrestricted by default, and toll level H is set as in-house only by default.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- A   Used to wild card X entered
- B   Used to wild card Y entered
- C   Used to wild card Z entered

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 702
   Display shows

   ```
   ALOW(001):BCDEFG
            :000000
   ```

2. Dial index number.(e.g., 005)
   OR
   Press Volume button to select index and
   press Right Soft button to move cursor

   ```
   ALOW(005):BCDEFG
   _        :000000
   ```

3. Enter toll pattern via dial keypad(e.g., 202)

   ```
   ALOW(005):BCDEFG
   202_     :000000
   ```

   OR
   Enter wild card(e.g., 21X) from above list and
   press Right Soft button to move cursor to COS
   options

   ```
   ALOW(005):BCDEFG
   20X_     :000000
   ```

4. Press Volume button to move cursor along line
   until under toll class mark(e.g., E)

   ```
   ALOW(001):BCDEFG
   202      :000100
   ```

Enter a 1 for YES or 0 for NO and press
Right Soft button to store and return to step 1
OR
Press Left Soft button to return to step 2

5. Press Transfer button and enter to exit
OR
Press Speaker button to advance next MMC

DEFAULT DATA

ALL ENTRIES ARE SET TO 0

RELATED ITEMS

MMC 301 ASSIGN STATION COS
MMC 701 ASSIGN COS CONTENTS
MMC 702 TOLL DENY TABLE
MMC 704 ASSIGN WILD CHARACTER

704 Assign Wild Character

Provides flexibility to toll restriction(call barring) when a specific numbering plan is so desired. There are only three entry tables but more than one digit can be assigned per table if needed.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 704
   Display shows

   ```
    :0123456789*#
   X:111111111111
   ```

2. Press Volume button to select X, Y, or Z(e.g., Z) and press Right Soft button to advance cursor to option line

   ```
    :0123456789*#
   Z:000000000000
   ```

3. Press Volume button to move cursor to option digit desired(e.g., 5) and enter 1(put under other digits as required)
   Press Left Soft button to return to step 2
   OR
   Press Right Soft button to return to step 1

   ```
    :0123456789*#
   Z:000001000000
   ```

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

X ENTRIES SET TO 1
OTHER ENTRIES SET TO 0

RELATED ITEMS

MMC 702 TOLL DENY TABLE
MMC 703 TOLL ALLOWANCE TABLE

705 Assign System Speed Dial

Enables the assignment of system speed dialling numbers. There are up to 500 entries available for programming(see MMC 606). Each speed dial number consists of a trunk or trunk group access code followed by a separator and up to 24 digits to be dialled. These dialled digits may consist of 0-9, and #. If the system recognises a valid trunk or trunk group access number, it will automatically insert the separator.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- B   Used to insert a flash code 'F'
- C   Used to insert a pause code 'P'
- D   Used to insert a pulse/tone conversion code 'C'
- E   Used to mask/unmask following digits-shows as ' [' or ']'
- F   Used to enter name for speed dial bin(see MMC 706)
- ANS/RLS   Used to save the speed dial number and name to the MMC 728 CID translation table.

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 705 Display shows

```
SYS SPEED DIAL
500:
```

2. Dial speed index desired(e.g., 505)
   OR
   Press Volume button to make selection and press Right Soft button to move cursor

```
SYS SPEED DIAL
505:
```

3. Enter access code(e.g., 9/701) plus the phone number up to 24 digits(digits will scroll under) and press Right Soft button to return to step 2

```
SYS SPEED DIAL
505:9-121223456789
```

4. Press F key to toggle to MMC 706 step 3 to enter name

```
SYS SPEED NAME
505:
```

5. If you want to save the speed dial number and name data to the MMC 728 CID translation table, Press ANS/RLS button and dial 1 for YES. (The speed dial name must be exist)

```
SYS SPEED DIAL
ADD CLI XLT ?NO
```

6. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 606 ASSIGN SPEED BLOCK
MMC 706 SYSTEM SPEED DIAL BY NAME
MMC 728 CLIP NAME TRANSLATION

706 System Speed Dial By Name

Allows an 11-character name to be entered for each system speed dial location.
This name enables the speed dial number to be located when using the directory dial
feature. The directory dial feature allows the display phone user to select a speed dial
location by scanning its name.

Names are written using the keypad. Each press of a key selects a character. Pressing
a different key moves the cursor to the next position. For example, if the directory
name is 'SAM SMITH,' press the number '7' four times to get the letter 'S'.
Now press the number '2' once to get the letter 'A'. Continue selecting characters
from the table below to complete your message. Pressing A button changes the letter
from upper case to lower case.

NOTE	When the character you want appears on the same dial keypad key as the previous character, press the Volume Up button to move the cursor to the right.

COUNT	1	2	3	4	5
DIAL 0	<	>	.	)	0
DIAL 1	Space	?	,	!	1
DIAL 2	A	B	C	@	2
DIAL 3	D	E	F	#	3
DIAL 4	G	H	I	$	4
DIAL 5	J	K	L	%	5
DIAL 6	M	N	O	^	6
DIAL 7	P	Q	R	S	7
DIAL 8	T	U	V	*	8
DIAL 9	W	X	Y	Z	9
DIAL *	:	=	[	]	*

The # button can be used for the following special characters: #, space, &, !, :, ?, ., ,,
%, $, -, <, >, /, =, [,], @, ^, (,), _, +, {, }, |, ;,", →,` , and \.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- TRANSFER   Used to exit MMC
- ANS/RLS   Used to save the speed dial number and name to the MMC 728 CID translation table.

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 706
   Display shows

   ```
   SYS SPEED NAME
   500:
   ```

2. Dial system speed entry number(e.g., 505)
   OR
   Press Volume button to select entry number and
   press Right Soft button to move cursor

   ```
   SYS SPEED NAME
   505:
   ```

3. Enter name using dial keypad and above table
   and press Right Soft button to return to step 2
   OR
   Press the F key to toggle to speed dial number
   to return to MMC 705, step 3

   ```
   SYS SPEED NAME
   505:TELECOMS
   ```

   ```
   SYS SPEED DIAL
   505:
   ```

4. If you want to save the speed dial number and
   name data to the MMC 728 CLI translation
   table, Press ANS/RLS button
   and dial 1 for YES.
   (The speed dial number must be exist)

   ```
   SYS SPEED NAME
   ADD CLI XLT ?NO
   ```

5. Press Right Soft button to return to step 2 above
   OR
   Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

NO NAMES

RELATED ITEMS

MMC 606 ASSIGN SPEED BLOCK
MMC 705 ASSIGN SYSTEM SPEED DIAL
MMC 728 CLIP NAME TRANSLATION

707 Authorization Code

Enables the authorization feature on a per-class of service selection. There are 100 available entries. Authorization codes can be up to 4 to 10 digits.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 707
   Display shows

   ```
   AUTHOR.CODE(001)
                C:01
   ```

2. Dial code index number(e.g., 005)
   OR
   Press Volume button to selected index number
   and press Right Soft button to move cursor

   ```
   AUTHOR.CODE(005)
   _            C:01
   ```

3. Enter authorization code(minimum of four digits)
   and a maximum of 10 digits via dial keypad
   (e.g., 1234567890)
   and press Right Soft button to move cursor

   ```
   AUTHOR.CODE(005)
   1234567890  C:01
   ```

4. Enter class of service number 01-30(e.g., 05)
   OR
   Press Volume button to select COS and press
   Right Soft button to select and return to step 2

   ```
   AUTHOR.CODE(005)
   1234567890  C:05
   ```

5. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 305 ASSIGN FORCED CODE

708 Account Code

Enables the account code entry feature. There are 200 available entries.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 708
    Display shows

```
ACCOUNT CODE
001:
```

2. Dial code index number(e.g., 005)
    OR
    Press Volume button to selected index number
    and press Right Soft button to move cursor

```
ACCOUNT CODE
005:
```

3. Enter account code(maximum 12 digits) via
    dial keypad(e.g., 1234)
    and press Right Soft button to move cursor
    back to step 2

```
ACCOUNT CODE
005:1234
```

4. Press Transfer button and enter to exit
    OR
    Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 305 ASSIGN FORCED CODE

709 Toll Pass Code/Special Code Table

This MMC provides a means to program three trunk code tables as described below :

Code Type	Description
PBX CODE	This table contains up to five entries and is used to identify the trunk access codes needed for toll restriction to be properly applied when the system is used either behind a PBX or with CENTREX-supplied dial tone. Toll restriction will only be applied on trunks flagged as PBX in MMC 401 if a trunk access code entered in this table is dialled. Toll restriction will be applied to the digits following the trunk access code.
SPECIAL CODE	This table identifies to the system dialling rules the special feature codes used to activate central office custom calling features such as CID Block and call waiting disable. The special feature codes can be used on a per call basis without affecting LCR or toll restriction programming. There is a maximum of ten(10) entries available each of which may be up to four digits long.
TOLL OVERRIDE	This table of eight entries is used to identify to the system numbers that will bypass all dialling restrictions. This bypass includes Toll restriction, Trunk access and forced authorization or account codes. Each entry in the table can be up to 14 digits long.
OVRD USE TRK GRP	This entry designates the trunk group that toll override calls will access.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 709
   Display shows

   ```
   PBX ACCESS CODE
   1:
   ```

2. Select PBX , SPECIAL CODE, TOLL
   OVERRIDE or OVRD USE TRK GRP
   OR
   Press Volume button to make selection and
   press Right Soft button to move cursor

   ```
   TOLL OVERRIDE
   1:
   ```

3. Enter index number(e.g., 3)
    OR
    Press Volume button to make selection and
    press Right Soft button to move cursor

```
TOLL OVERRIDE
3:_
```

4. Enter via dial keypad the desired access/
    feature code(e.g., 911)
    Press Right Soft button to enter and return
    to step 3 and enter more entries

```
TOLL OVERRIDE
3:911
```

5. Press Transfer button and enter to exit
    OR
    Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 401 PBX TRUNK
MMC 702 TOLL DENY TABLE
MMC 703 TOLL ALLOWANCE TABLE
MMC 305 FORCED CODES
TOLL RESTRICTION

710 LCR Digit Table

The LCR DIGIT TABLE contains all numerical digits for the completion of outgoing call placement. This table works in conjunction with LCR ROUTE TABLE, LCR TIME TABLE and LCR MODIFY DIGITS TABLE. There is a maximum 2000 with a digit string length of 10 numerical digits. This system automatically maintains entered digit strings in numerical order. The characters * and # are also accepted for use with feature codes.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 710
   Display shows

   ```
   LCR DIGIT (0001)
   DIGIT:
   ```

2. Dial LCR entry(e.g., 0005)
   OR
   Press Volume button to select entry and press
   Right Soft button to move cursor

   ```
   LCR DIGIT (0005)
   DIGIT:_
   ```

3. Enter LCR digit string via the dial keypad and
   press Right Soft button
   OR
   Press Left Soft button to return to step 1

   ```
   LCR DIGIT (0005)
   DIGIT:305426
   ```

4. Enter digit length(max : 31)
   Cursor will move to RT(route selection)

   ```
   LCR DIGIT  (0005)
   LENGTH:10 RT:01
   ```

5. Enter RT(01-32)
   Valid entry will return you to step 1

   ```
   LCR DIGIT  (0005)
   LENGTH:10 RT:01
   ```

6. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 712 LCR ROUTE TABLE

711 LCR Time Table

This table gives the flexibility to the system, through the LCR ROUTES, to allow calls placed at any given time of day to use the least cost trunk route that is available.
When LCR ROUTE ADVANCE is allowed, it is possible for calls to be placed on more expensive trunks on any given time of day. There are four possible time entries per day ; the start time of the next time period is the end time of the previous time period.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 711
   Display shows

   ```
   LCR TIME (SUN:A)
   HHMM:    LCRT:-
   ```

2. Dial day of week(SUN-SAT, e.g., WED)
   OR
   Press Volume button to make day selection and press Right Soft button

   ```
   LCR TIME (WED:A)
   HHMM:    LCRT:-
   ```

3. Dial time band(A-D, e.g., B)
   OR
   Press Volume button to make selection and press Right Soft button

   ```
   LCR TIME (WED:B)
   HHMM:    LCRT:-
   ```

4. Dial time via keypad(24-hour format, e.g., 0800)
   Cursor moves to LCRT(reference MMC 712)

   ```
   LCR TIME (WED:B)
   HHMM:0800 LCRT:-
   ```

5. Dial time table number(1-4)
   OR
   Press Volume button to make selection and press Right Soft button

   ```
   LCR TIME (WED:B)
   HHMM:0800 LCRT:1
   ```

6. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 712 LCR ROUTE TABLE

712 LCR Route Table

The LCR ROUTE TABLE is responsible for selecting a specific trunk group in the completion of an outward bound call. This table works in conjunction with LCR DIGIT TABLE, LCR TIME TABLE, LCR COS TABLE and LCR MODIFIED DIGITS TABLE. After you dial a valid digit string, the system uses the LCR ROUTE TABLE to select a specific predetermined trunk group. There is a maximum number of 32 routes available. If more than one trunk group is available for call completion, the system uses the first designated trunk group and then starts to utilise succeeding trunk groups. If all trunk groups are busy in a selected route, call queue becomes active and allocates trunks as they become available.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 712
   Display shows

   ```
   LCR ROUTE (01:1)
   C:1 G:NONE M:---
   ```

2. Dial LCR ROUTE table number(e.g., 05)
   OR
   Press Volume button to selected table and press
   Right Soft button to move cursor

   ```
   LCR ROUTE (05:1)
   C:1 G:NONE M:---
   ```

3. Dial TIME BAND index number 1-4(e.g., 2)
   OR
   Press Volume button to selected index and press
   Right Soft button to move cursor

   ```
   LCR ROUTE (05:2)
   C:1 G:NONE M:---
   ```

4. Dial LCR COS number 1-8(e.g., 4)
   OR
   Press Volume button to selected COS and press
   Right Soft button to move cursor

   ```
   LCR ROUTE (05:2)
   C:4 G:NONE M:---
   ```

5. Dial TRUNK GROUP access code(e.g., 801)
    OR
    Press Volume button to selected access code and
    press Right Soft button to move cursor

```
LCR ROUTE (05:2)
C:4 G:801  M:---
```

6. Dial MODIFY DIGITS index number(e.g., 050)
    OR
    Press Volume button to selected index number
    and press Right Soft button to move cursor
    OR
    Press Right Soft button to skip step and move
    cursor to step 2

```
LCR ROUTE (05:2)
C:4 G:801  M:050
```

```
LCR ROUTE (05:2)
C:4 G:801  M:---
```

7. Press Transfer button and enter to exit
    OR
    Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 310 LCR CLASS OF SERVICE
MMC 710 LCR DIGIT TABLE
MMC 711 LCR TIME TABLE
MMC 713 LCR MODIFY DIGIT TABLE

713 LCR Modify Digit Table

This program entry is also referred to as Outgoing dial Rules. This will give the system the ability to add or delete a digit string or singular digit if needed to complete a call. A perfect example is the adding of a digit '1' An advantage is to insert a common carrier network access code of 1010288. With these digits inserted, a long distance call will be placed over a local line utilizing the common carrier network. The characters * and # can also be entered. There are 200 modify digit entries available.

Option	Maximum Number of Digit Entries
Number of digits to delete	15
Insert(before dialling string)	14
Append(after dialling string)	14

DIGIT STRING KEY
Insert String+Digit String(delete)+Append String

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 713
   Display shows

```
LCR MODIFY (001)
NOF DEL DGT:00
```

2. Enter index number(e.g., 005)
   OR
   Press Volume buttons to make selection and
   press Right Soft button to move cursor

```
LCR MODIFY (005)
NOF DEL DGT:00
```

3. Enter number of digits to delete
   OR
   Press Right Soft button to skip step and move
   cursor to next step

```
LCR MODIFY (005)
NOF DEL DGT:01
```

4. Enter digits to be inserted(e.g., 10288)
    OR
    Press Right Soft button to skip step or to store
    information and advance to next step

```
LCR MODIFY (005)
I:10288_
```

5. Enter digits to be appended(e.g., 45678)
    OR
    Press Right Soft button to skip step or to store
    information and return to step 2

```
LCR MODIFY (005)
A:_
```

6. Press Transfer button and enter to exit
    OR
    Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 710 LCR DIGIT TABLE

714 DID Number And Name Translation

Assigns an incoming DID call to a specific ring plan destination. It also provides a call waiting option, if needed, so that a second incoming DID call can be received. The table is also used to define which MOH source a caller to that DID number will hear when placed on hold. An 11 character name can be added to the number. There are a maximum of 999 entries. If there is no matching number on DID service the call is routed to the operator group.

Definitions of option are as follows :

- **DGT** : Digits to be received from Trunk line Up to 16 digits may be entered.

- **MOH SOURCE** : Allows the technician to select what the calling party will hear in regards to that DID/DNIS number if the call is placed on hold.

- **1 : XXX, 2 : XXX, 3 : XXX, 4 : XXX, 5 : XXX, 6 : XXX**=ring plan and destination during each ring plan. The destination can be a station, station group, trunk or trunk group. If trunk or trunk group is selected the trunks must be programmed as E&M trunks to allow the received digits to be re-sent on the facility(s). This is referred to as DID Repeat digits over tie line.

> **NOTE**
> An entry of the character 'B' means to repeat the received digits.

- **CW** : Call waiting Yes/No . Allow a second DID call to be received

- **MC** : The number of maximum call count. When this sets 99, this feature will not works. When this sets 0, if a call comes that matched DID digits and DGT field then the system will be reject call. When this sets between 1 to 98, if a call comes that matched DID digits and DGT field then the system counts same DID digits call, and in case of the count is same or higher than this value, the system sends busy signal to caller.

- **DC** : The number of digits to delete. This is useful with Tandem switching, mixed numbering plans and DID Repeat digits over tie line. Maximum number of digits that can be deleted is 16.

- **NAME** : Input up to 11 characters to identify call.

Names are written using the keypad. Each press of a key selects a character. Pressing the dial keypad key moves the cursor to the next position. For example, if the directory name is 'SAM SMITH,' press '7' four times to get the letter 'S'. Press '2' once to get

'A'. Continue selecting characters from the table below to complete your message. Pressing A button changes the letter from upper case to lower case.

> **NOTE**
>
> When the character you want appears on the same dial keypad key as the previous character, press the Volume Up button to move the cursor to the right.

Count	1	2	3	4	5
DIAL 0	<	>	.	)	0
DIAL 1	Space	?	,	!	1
DIAL 2	A	B	C	@	2
DIAL 3	D	E	F	#	3
DIAL 4	G	H	I	$	4
DIAL 5	J	K	L	%	5
DIAL 6	M	N	O	^	6
DIAL 7	P	Q	R	S	7
DIAL 8	T	U	V	*	8
DIAL 9	W	X	Y	Z	9
DIAL *	:	=	[	]	*

The # button can be used for the following special characters: #, space, &, !, :, ?, ., ,, %, $, -, <, >, /, =, [,], @, ^, (,), _, +, {, }, |, ;," , →,` , and \.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 714
   Display shows

   ```
   DID DIGIT  (001)
   DGT:
   ```

2. Enter valid index number(e.g., 005) via dial
   keypad

   ```
   DID DIGIT  (005)
   DGT:
   ```

OR
Press Volume button to make selection and press
Right Soft button to move cursor

3. Enter digits to be translated(e.g., 5065) via dial
   keypad and press Right Soft button to move
   cursor

```
DID DIGIT  (005)
DGT:5065
```

4. Enter the MOH source for this entry.
   OR
   Press Volume button to select option and press
   Right Soft button to return to step 3 above

```
DID DIGIT  (005)
MOH SOURCE :NONE
```

5. Enter station or group number for each Ring
   Plan destination via dial keypad.(e.g., 530)
   OR
   Press Volume button to make selection and press
   Right Soft button to advance next step.

```
DID DIGIT  (005)
1:530     2:
```

6. Enter call wait option via dial keypad.
   (1 for YES, 0 for NO)
   OR
   Press Volume button to make selection and press
   Right Soft button to advance next step.

```
DID DIGIT  (005)
CW:N MC:99 DC:0
```

7. Enter maximum call count via dial keypad.
   (00-99)
   OR
   Press Volume button to make selection and press
   Right Soft button to advance next step.

```
DID DIGIT  (005)
CW:N MC:99 DC:0
```

8. Enter number or delete digit via dial keypad.
   (0-16)
   OR
   Press Volume button to make selection and
   press Right Soft button to advance next step.

```
DID DIGIT  (005)
CW:N MC:99 DC:0
```

9. Enter the name via dial keypad and press Right
   Soft button to return to step 1

```
DID DIGIT  (005)
NAME:
```

10. Press Transfer button and enter to exit
    OR
    Press Speaker button to advance next MMC

DEFAULT DATA

Index	DIGIT	1-6	CW	MC	DC	NAME
001	2***	B	N	99	0	NONE
002	3***	B	N	99	0	NONE
003	5***	B	N	99	0	NONE
004	8***	B	N	99	0	NONE

RELATED ITEMS

TRUNK PROGRAMMING

715 Programmed Station Message

Allows custom messages to be programmed or default messages to be changed.

Messages are written via the keypad. Each press of a key will select a character. Pressing a different key will move the cursor to the next position. For example, if the message is 'Sunbathing,' press the number '7' four times to get the letter 'S'. Now press the number '8' twice to get the letter 'U'. Continue selecting characters from the table below to complete your message. Pressing the A button will change the letter from upper case to lower case.

> When the character you want appears on the same dial keypad key as the previous character, press the Volume Up button to move the cursor to the right or the Volume Down button to move the cursor to the left. A space can be entered by using these keys.

Count	1	2	3	4	5
DIAL 0	<	>	.	)	0
DIAL 1	Space	?	,	!	1
DIAL 2	A	B	C	@	2
DIAL 3	D	E	F	#	3
DIAL 4	G	H	I	$	4
DIAL 5	J	K	L	%	5
DIAL 6	M	N	O	^	6
DIAL 7	P	Q	R	S	7
DIAL 8	T	U	V	*	8
DIAL 9	W	X	Y	Z	9
DIAL *	:	=	[	]	*

The # button can be used for the following special characters: #, space, &, !, :, ?, ., ,, %, $, -, <, >, /, =, [,], @, ^, (,), _, +, {, }, |, ;,", →,`, and \.

There are 15 messages in the system.
MESSAGES 01-10 are 16 character pre-programmed default messages. Any of them can be changed.
MESSAGES 11-15 are 16 character blank messages that can be created.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- A   Toggles from upper case to lower case

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 715
   Display shows

   ```
   PGM.MESSAGE (01)
   GIVE ME THE CALL
   ```

2. Enter index number(e.g., 11)
   OR
   Press Volume button arrow to make selection
   Press Right Soft button to move cursor

   ```
   PGM.MESSAGE (11)
   _Blank Message
   ```

3. Enter message via dial keypad using the above
   table(maximum 16 characters)
   Use A button to toggle upper case/lower case
   Press Right Soft button to return to step 2

   ```
   PGM.MESSAGE (11)
   SunBathing
   ```

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

TEN PROGRAMMED MESSAGES AS DETAILED BELOW

01. GIVE ME THE CALL
02. TAKE A MESSAGE
03. ASK THEM TO HOLD
04. SEND TO MY VM
05. TRANSFER TO MY SECY
06. LEAVE A MESSAGE
07. PAGE ME
08. OUT OF TOWN
09. IN A MEETING
10. IWILL CALL BACK

RELATED ITEMS

MMC 115 SET PROGRAMMED MESSAGE

716 UK LCR Options

This MMC provides U.K. LCR options as described below.

No	Option	Description
0	NETWORK CODE	This table is used to network access code when the call is routed to the secondary network. This table contains up to 16 entries. Each code has 4 digits maximum in length and use option for None, CCC, PIN or Both.(Default : all codes are empty and all use options are none) 0 NONE This code doesn't use. 1 CCC This code uses with Call Cast Code(CCC). 2 PIN This code uses with PIN Code. 3 BOTH This code uses with PIN code and Call Cast Code.
1	PIN CODE	This table is used to PIN code when the call is routed to the secondary network. This table contains up to 4 entries and each code has 10 digits maximum in length.(Default : all tables are empty)
2	CCC OPTION	This is used to which number used for Call Cost Code. (Default : Station Number) 0 STATION NUMBER Station number uses for Call Cost Code. 1 NONE Doesn't use Call Cost Code.
3	STATION PIN NO.	This is assigned to PIN code table number for each station number. (Default : all stations are 1)

> **NOTE** This MMC is available in Australia, New Zealand and U.K. only

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Moves cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry

ACTION

PROCEDURE	DISPLAY

1. Press Transfer button and enter 716
   Display shows

```
NETWORK CODE
01:     USE:NONE
```

2. Enter option number(0-3) via dial keypad.
   OR
   Press Volume button to make selection and
   press Right Soft button to move cursor

```
NETWORK CODE
01:     USE:NONE
```

3. Enter entry number(01-16) via dial keypad.
   OR
   Press Volume button to make selection and
   press Right Soft button to move cursor

```
NETWORK CODE
01:_    USE:NONE
```

4. Enter network access code via dial keypad
   and press Right Soft button to move cursor

```
NETWORK CODE
01:1234 USE:NONE
```

5. Enter use option number(0-3) via dial keypad.
   OR
   Press Volume button to make selection and
   press Right Soft button to save and return step 3.

```
NETWORK CODE
01:1234 USE:CCC
```

6. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 400 TENANT ON/OFF PER TRUNK
MMC 310 LCR CLASS OF SERVICE
MMC 710 LCR DIGIT TABLE
MMC 711 LCR TIME TABLE
MMC 712 LCR ROUTE TABLE
MMC 713 LCR MODIFY DIGIT TABLE

718 MY Area Code

This MMC defines the home area code and country code. This information is used for caller ID and ISDN calls in defining the area code on incoming calls. This MMC removes the local area code to allow callback without digit modifications in LCR.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Moves cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE	DISPLAY

1. Press Transfer button and enter 718
   Display shows

   ```
   MY AREA CODE
   AREA :
   ```

2. Enter 0 for COUNTRY or 1 for AREA.
   OR
   Press Volume buttons to make selection and press Right Soft button to move cursor

   ```
   MY AREA CODE
   AREA :
   ```

3. Enter area code(maximum 4 digits) via dial keypad(e.g., 2) and press Right Soft button to move cursor back to step 2.

   ```
   MY AREA CODE
   AREA :2
   ```

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

TRUNK PROGRAMMING

720 Copy Key Programming

Provides a tool for duplicating key assignment from one phone to another.
This can be done on a per-station basis or on all stations, but not on a group of
stations. One limitation is that the original and target phones must be of the same
type(e.g., same number of buttons).

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Moves cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 720
   Display shows

   ```
   [201] COPY KEY
   FROM:NONE
   ```

2. Enter the station number to copy t(e.g., 205)
   OR
   Press Volume buttons to make selection and
   press Right Soft button to move cursor
   OR
   Press ANS/RLS button for select all station.

   ```
   [205] COPY KEY
   FROM:NONE
   ```

3. Enter station number to copy from(e.g., 203)
   and cursor returns to step 2
   OR
   Press Volume buttons to make selection and
   press Right Soft button to return to step 2

   ```
   [205] COPY KEY
   FROM:203
   ```

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 107 KEY EXTENDER
MMC 721 SAVE STATION KEY PROGRAMMING
MMC 722 STATION KEY PROGRAMMING
MMC 723 SYSTEM KEY PROGRAMMING

721 Save Station Key Programming

Provides a service tool which will minimize the accidental loss of programmable buttons on the phones. The method of operation is simple, first the data is saved and then the station can be replaced with another station type or the keys can be reprogrammed to other features. Once testing or replacement is completed, the data can be restored to the individual station, providing the same type is in place.

> **CHECK** This program uses carefully. Because key programming data save to common key programming database. When new phone connect, system copy from common key programming database to new phone key programming database.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 721
   Display shows

   ```
   [201] SAVE KEY
   RESTORE
   ```

2. Enter desired station number(e.g., 205)
   OR
   Press Volume button to make selection and
   press Right Soft button

   ```
   [205] SAVE KEY
   RESTORE
   ```

3. Press Volume button to make function selection
   and press Right Soft button to enter and return to
   step 2

   ```
   [205] SAVE KEY
   SAVE
   ```

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 107 KEY EXTENDER
MMC 722 STATION KEY PROGRAMMING
MMC 723 SYSTEM KEY PROGRAMMING

722 Station Key Programming

Allows the customizing of programmable buttons on specific electronic phones, AOM, or 64 button module on the system. For phones, buttons 1 and 2 are set as CALL buttons by default. For AOM's and 64 button DSS box's all buttons are set as DS keys by default. Features are entered via dial keypad keys by pressing the dial keypad number the required number of steps to select the feature. For example, for OHVA, the number 6 is pressed three times. If the BOSS key is required, press 2 for the first letter B and then use the Volume button to change the selection from BARGE to BOSS.

DIAL KEYPAD

COUNT	1	2	3	4
DIAL 2	AB	BARGE	CAD	
DIAL 3	DGPALM	EP	FAUTO	
DIAL 4	GCONF	HDSET	IG	
DIAL 5	LANREQ	LANREQ	LANREQ	
DIAL 6	MMPA	NEW	OHVA	
DIAL 7	PAGE	PAGE	REJECT	SETMG
DIAL 8	TG	UA	VG	

Programmable button Assignments :

- FEATURE : DESCRIPTION
- AB : ABSENCE
- ABAND : ABANDONED CALL
- ACC : ACCOUNT
- ALARM : ALARM
- AN/RLS : ANSWER/RELEASE
- BARGE : BARGE-IN
- BLOCK : OHVA BLOCK
- BOSS : BOSS/SECRETARY
- CAD : CALL ACTIVITY DISPLAY
- CALL : CALL BUTTON
- CAMP : STATION CAMP-ON
- CANMG : MESSAGE CANCEL
- CBK : CALLBACK
- CHOICE : CHOICE(Related to News Server)
- CLIP : CALLER ID
- CONF : CONFERENCE

- CONP : CONNECTED NAME DISPLAY
- CS : CALL STATUS
- CSNR : CALLER ID SAVE NUMBER REDIAL
- DGPALM : EASY ALARM SET TO REMOTE STATION
- DICT : DICTATION
- DIR : DIRECTORY
- DIVERT : EXECUTIVE CALL DIVERT TO SECRETARY
- DLOCK : DOOR LOCK
- DND : DO NOT DISTURB
- DNDO : DO NOT DISTURB OVERRIDE
- DP : DIRECT PICKUP
- DROP : CALL DROP
- DS : DSS KEY
- DT : DTS KEY
- EP : ESTABLISHED CALL PICKUP
- EXTMIC : EXTERNAL MIC
- FAUTO : FORCED AUTO ANSWER
- FLASH : FLASH
- FWRD : CALL FORWARD
- GCONF : GROUP CONFERENCE
- GPIK : GROUP PICKUP
- HDSET : HEADSET MODE
- HLDPK : HOLD PICKUP
- HOLD : HOLD
- IG : IN/OUT GROUP
- INFDSP : INFORMATION DISPLAY(Requires News/Call Plus)
- INQIRE : INQUIRE
- ISPY : CID SPY
- LANREQ : LAN REQUEST
- LCR : LEAST COST ROUTING
- LISTN : GROUP LISTENING
- LNR : LAST NUMBER REDIAL
- LOG : CALL LOGGING
- MCID : MALICIOUS CALL ID
- MMPA : MEET ME PAGE ANSWER
- MMPG : MEET ME PAGE
- MS : MANUAL SIGNALING
- MSG : MESSAGE
- MUTE : MUTE
- MW : MESSAGE WAIT
- NEW : NEW CALL
- NND : NAME NUMBER DATE
- NOCLIP : NO CID SEND

- NXT : CID NEXT
- OHVA : OFF-HOOK VOICE ANNOUNCE
- OPER : OPERATOR
- PAGE : PAGE
- PAGPK : PICKUP PAGE HOLD
- PARK : CALL PARK ORBIT
- PAUSE : PAUSE
- PMSG : PROGRAMMED STATION MESSAGE
- PRB : PRIVACY RELEASE AND BRIDGE
- PTHR : PATH REPLACEMENT
- REJECT : OHVA REJECT
- RETRY : AUTO REDIAL ON BUSY
- REVW : REVIEW
- RP : RING PLAN
- RTO : RING PLAN TIME OVERIDE
- SETMG : SET MESSAGE W/O RING
- SG : STATION GROUP
- SNR : SAVED NUMBER REDIAL
- SPD : SPEED DIAL
- SPKR : SPEAKER
- STATE : SET EXECUTIVE STATE
- STORE : STORE DISPLAYED NUMBER
- SYSALM : SYSTEM ALARMS
- TG : TRUNK GROUP
- TIMER : TIMER
- TRARPT : TRAFFIC REPORT
- TRSF : TRANSFER
- UA : UNIVERSAL ANSWER
- VM : VOICE MAIL MEMO(Requires SVM-400)
- VMADM : VOICE MAIL ADMINISTRATION(Requires SVM-400)
- VMAME : ANSWER MACHINE EMULATION(Requires SVM-400)
- VMMSG : VOICE MAIL MESSAGE KEY(Requires SVM-400)
- VT : VOICEMAIL TRANSFER

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 722
   Display shows

   ```
   [201] KEY (MAST)
   01:CALL1→
   ```

2. Enter selected station number(e.g., 205)
   OR
   Press Volume button to select station and press
   Right Soft button to move cursor

   ```
   [205] KEY (MAST)
   01:CALL1→
   ```

3. Enter selected key number(e.g., 18)
   OR
   Press Volume button to select key number and
   press Right Soft button to move cursor

   ```
   [201] KEY (MAST)
   18:NONE→_
   ```

4. Using above chart, press dial keypad key number
   to make selection
   OR
   Press Volume button to make selection and press
   Right Soft button to advance cursor to step 5 to
   enter extender if required or to
   return to step 2

   ```
   [201] KEY PROG.
   18:NONE→GPIK_
   ```

5. If required, enter extender(e.g.,03)
   OR
   Press Volume button to make selection and
   press Right Soft button to return to step 2

   ```
   [201] KEY PROG.
   18:NONE→GPIK03
   ```

6. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 107 KEY EXTENDER
MMC 720 COPY KEY PROGRAMMING
MMC 721 SAVE STATION KEY PROGTRAMMING

723 System Key Programming

This MMC is much like MMC 722, Station Key Programming. The main difference is that this MMC is system-wide rather than on a per-station basis. Features are entered via the dial keypad by pressing numbers as shown in the table. For example, for OHVA the number 6 is pressed three times. If the BOSS key is required, press 2 for the first letter B, and then use the Volume button to change selection from BARGE to BOSS.

TYPE OF PHONE

00 : 24 BTN SETS
01 : 12 BTN SETS
03 : 6 BTN SETS
05 : 48/64B AOMS
06 : 20 BTN SETS
07 : 28 BTN SETS
08 : 18 BTN SETS
09 : 8 BTN SETS
10 : 99 BTN SETS
11 : 38 BTN SETS
12 : 21 BTN SETS
13 : 14 BTN SETS

DIAL KEYPAD

COUNT	1	2	3	4
DIAL 2	AB	BARGE	CAD	
DIAL 3	DGPALM	EP	FAUTO	
DIAL 4	GCONF	HDSET	IG	
DIAL 5	LANREQ	LANREQ	LANREQ	
DIAL 6	MMPA	NEW	OHVA	
DIAL 7	PAGE	PAGE	REJECT	SETMG
DIAL 8	TG	UA	VG	

See Programmable button Assignments on MMC 722.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 723
   Display shows

   ```
   TYPE:24 BTN SETS
   01:CALL1→
   ```

2. Enter type of set via dial keypad(e.g.,1)
   OR
   Press Volume button to make selection and
   press Right Soft button

   ```
   TYPE:12 BTN SETS
   01:CALL1→
   ```

3. Enter key number(e.g., 03)
   OR
   Press Volume button to make selection and
   press Right Soft button

   ```
   TYPE:12 BTN SETS
   03:NONE→
   ```

4. Using table above, press dial keypad number
   to make selection
   OR
   Press Volume button to make selection and
   press Right Soft button to advance cursor to step
   5 to enter extender, if required
   OR
   Press Left Soft button to return to step 3

   ```
   TYPE:12 BTN SETS
   03:NONE→GPIK
   ```

5. If required, enter extender(e.g.,03)
   OR Press Volume button to make selection and
   press Right Soft button to return to step 2

   ```
   TYPE:12 BTN SETS
   03:GPIK→GPIK03
   ```

6. Press Transfer button and enter to exit
   OR Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 107 KEY EXTENDER
MMC 720 COPY KEY PROGRAMMING
MMC 721 SAVE STATION KEY PROGTRAMMING

724 Dial Numbering Plan

This MMC allows the technician to change directory numbers for stations, trunks, station groups, trunk groups and feature access codes. The system can be pre-programmed with a default three or four digit numbering for station, station groups and trunk numbers depending on the position of the DIP switches. There is an error message provided to prevent the accidental duplication of a directory number or feature access code.

No	Number Type	Description
00	STN DIAL NO.	This is where station directory numbers are changed or assigned. Default : 201-2xx, 3xx or 2001-2xxx
01	TRK DIAL NO.	This is where trunk directory numbers are changed or assigned. Default : 701-7xx or 7001-7xxx
02	MISC DIAL NO.	This is where directory numbers for relays, MOH ports and the alarm sensor are changed or assigned. Default : Internal CHIME : 371 Internal MODEM : 3999 External MOH : 372-377 External PAGE & Relay : 361-369 Common Bell Relay : 3991-3993 Loud Bell Relay : 3995-3997
03	STNG DIAL NUMBER	This is where station group numbers are changed or assigned. Default : 500-5xx or 5001-5xxx
04	TRKG DIAL NUMBER	This is where trunk group numbers are changed or assigned. Default : The first is 9 or 0, 800-828
05	FEAT DIAL NUMBER	This is where feature access codes are changed or assigned. Dialling codes are entered via the dial keypad key by pressing the dial keypad number the required steps to select the feature. For example, for OHVA, the number 6 would be pressed three times. NOTE) Please remember that this program is system-wide.
06	S0 STN DIAL NO.	This is where directory numbers for BRI station ports mapping terminal number. Default : 8701-8748
07	NTWK LCR DIAL NO	This is where additional LCR access codes are entered in the case when two or more OfficeServ 12 system are networked together. Default : NONE
08	VIRT EXT DIAL NO	This is where virtual station directory numbers are changed or assigned. Default : SLT : 3501-3546, DGP : 3401-3480

No	Number Type	Description
09	MGI DIAL NO.	This is where MGI port directory numbers are changed or assigned. Default : 3801-38xx
10	IP STN DIAL NO.	This is where IP-based station directory numbers are changed or assigned. Default : 3201-3299
11	MOBILE DIAL NO.	This is where wireless IP-based station directory numbers are changed or assigned. Default : 3301-3348
12	VOIP NET DIAL NO	This is where Samsung proprietary switch-to-switch VoIP networking trunk signalling port directory numbers are changed or assigned. Default : 8301-8380
13	H323 TRK DIAL NO	This is where VoIP H.323 trunk signalling port directory numbers are changed or assigned. Default : 8401-8480
14	SIP TRK DIAL NO	This is where VoIP SIP trunk signalling port directory numbers are changed or assigned. Default : 8501-8580

FEATURE NUMBERING DIAL KEYPAD

COUNT	1	2	3	4
DIAL 2	ABAND	BARGE	CAMP	
DIAL 3	DGPALM	DGPALM	FAUTO	
DIAL 4	GCONF	HDSET	IG	
DIAL 5	LCR	LCR	LCR	
DIAL 6	MMPA	NEW	OHVA	
DIAL 7	PAGE	PAGE	REJECT	SELFID
DIAL 8	UA	UA	VMSCMT	
DIAL 9	WCOS	WCOS	WCOS	WCOS

FEATURE CODE ASSIGNMENTS AND DEFAULT

Feature	Default	Description
ABAND	64	ABANDONED CALL
ABS	NONE	ABSENCE
ACCT	47	ACCOUNT
ALMCLR	57	ALARM
AUTH	*	AUTHORIZATION CODE
BARGE	NONE	BARGE-IN
BLOCK	NONE	OHVA BLOCK
BOSS	NONE	BOSS/SECRETARY
CAMP	45	STATION CAMP-ON
CANMG	42	MESSAGE CANCEL
CBK	44	CALLBACK
CHOICE	NONE	CHOICE(Related to News Server)
CONF	46	CONFERENCE
CONP	NONE	CONNECTED NAME DISPLAY
CR	NONE	CALL RECORD (Requires SVM-400)
DGPALM	NONE	EASY ALARM SET TO REMOTE STATION
DICT	NONE	DICTATION
DIR	NONE	DIRECTORY
DIRPK	65	DIRECT PICKUP
DISALM	58	DISA ALARM CLEAR
DIVERT	NONE	EXECUTIVE CALL DIVERT TO SECRETARY
DLOCK	13	DOOR UNLOCK
DND	40	DO NOT DISTURB
DNDO	NONE	DO NOT DISTURB OVERRIDE
FAUTO	14	FORCED AUTO ANSWER
FLASH	49	FLASH
FWD	60	CALL FORWARD
GCONF	NONE	GROUP CONFERENCE
GRPK	66	GROUP PICKUP
HDSET	NONE	HEADSET MODE
HLDPK	12	HOLD PICKUP
HOLD	11	HOLD
IG	NONE	IN/OUT GROUP
INFDSP	NONE	INFORMATION DISPLAY(Requires News/Call Plus)

Feature	Default	Description
LCR	NONE	LEAST COST ROUTING
LISTN	NONE	GROUP LISTENING
LNR	19	LAST NUMBER REDIAL
LOG	NONE	CALL LOGGING
MCID	NONE	MALICIOUS CALL ID
MMPA	56	MEET ME PAGE ANSWER
MMPG	54	MEET ME PAGE
MSG	43	MESSAGE
MYGRPK	NONE	MY PICKUP GROUP CALL PICKUP
NEW	NONE	NEW CALL
NOCLIP	NONE	NO CID SEND
OHVA	NONE	OFF-HOOK VOICE ANNOUNCE
OPER	0	OPERATOR
PAGE	55	PAGE
PAGPK	10	PICKUP PAGE HOLD
PARK	NONE	CALL PARK ORBIT
PMSG	48	PROGRAMMED STATION MESSAGE
PTHR	NONE	PATH REPLACEMENT
REJECT	NONE	OHVA REJECT
RP	NONE	RING PLAN
RTO	NONE	RING PLAN TIME OVERIDE
SELPID	NONE	SELF SYSTEM ID
SETMG	41	SET MESSAGE W/O RING
SG	NONE	STATION GROUP
SLTALM	18	EASY ALARM SET TO SELF STATION
SLTMMC	15	NORMAL PHONE PROGRAMMING
SNR	17	SAVED NUMBER REDIAL
SPEED	16	SPEED DIAL
SRELOC	NONE	SET RELOCATION
STATE	NONE	SET EXECUTIVE STATE
UA	67	UNIVERSAL ANSWER
VMADM	NONE	VOICE MAIL ADMINISTRATION(Requires SVM-400)
VMAME	NONE	ANSWER MACHINE EMULATION(Requires SVM-400)
VMMEMO	#	VOICE MAIL MEMO(Requires SVM-400)
VMMSG	NONE	VOICE MAIL MESSAGE KEY(Requires SVM-400)
WCOS	59	WORKING CLASS OF SERVICE

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button
   Display shows

   ```
   STN DIAL NUM:C1
   DLI-01:201→
   ```

2. Dial option number to make selection(e. g., 06)
   OR
   Press Volume button to make selection and press
   Right Soft button to advance cursor

   ```
   FEAT DIAL NUMBER
   ABAND :64→_
   ```

3. Dial first letter of feature name(e.g., 7)
   AND

   ```
   FEAT NUMBER PLAN
   PAGE :55→
   ```

   Press Volume button to make selection then
   press Right Soft button to advance cursor

   ```
   FEAT NUMBER PLAN
   PARK :NONE→_
   ```

4. Enter digits(e.g., 63) via the dial keypad

   ```
   FEAT NUMBER PLAN
   PARK :NONE→63
   ```

5. Press Right Soft button to enter change and
   continue to make changes

   ```
   FEAT NUMBER PLAN
   PARK :NONE→63
   ```

   If an error message appears indicating
   duplication of access code, enter 1 for YES for
   change or enter 0 for NO for no change

   ```
   SAME DIAL EXIST
   CHANGE? Y:1,N:0
   ```

6. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

SEE DESCRIPTION
FEATURE CODES ARE DEPEND ON COUNTRY

RELATED ITEMS

ALL

725 SMDR Options

Allows the system administrator to select the information printed on the SMDR report. The following options may be selected to print on SMDR :

No	Option	Default	Description
00	PAGE HEADER	YES	This option determines whether a page header will print at the top of each page. This would normally be turned off if SMDR is being sent to a Call Accounting machine.
01	LINE PER PAGE	60	This option selects the length of each page to determine when to print the SMDR header. The number of lines may be in the range 01-99.
02	INCOMING CALL	NO	This option determines whether incoming calls will print on SMDR.
03	OUTGOING CALL	YES	This option determines whether outgoing calls will print on SMDR.
04	AUTHORIZE CODE	NO	This option determines whether authorization codes will print on SMDR. If this option is set to NO, system make AUTH field to '****' on SMDR.
05	SMDR START TIME	YES	This option determines whether valid calls will include the minimum call time in total call duration.
06	IN/OUT GROUP	NO	This option allows a message, IN GROUP or OUT GROUP, to be printed in the digits dialled column each time a station enters or leaves a group.
07	DND CALL	NO	This option allows a message, IN DND or OUT DND, to be printed in the digits dialled column each time a station enters or leaves DND.
08	WAKE-UP CALL	YES	This option determines whether stations receiving an alarm reminder call will print on SMDR.
09	DIRECTORY NAME	NONE	This option allows the system administrator to enter a 16 character name which will appear on the SMDR header.
10	CALLER ID DATA	YES	This option can be selected to print Caller ID data received from the Central Office on incoming calls. This option requires the use of a 132 column(wide carriage) printer or an 80 column printer set for condensed print.
11	ABANDON CALL	YES	If this option is set to YES, unanswered calls for which CID information was received will print on SMDR.
13	NO. OF DIAL MASK	0	If this option is set to a numeric value, the selected last digits of the number dialled field will be masked as asterisks (*) on the SMDR print out. Maximum masked digits is 18. First 4 digits will not mask.

No	Option	Default	Description
15	INCOMING ANSWER	NO	If this option is set to YES, the duration of calls ringing before answered will print on SMDR.
16	INTERCOM CALL	NO	This option determines whether intercom calls will print on SMDR.
17	KEY MMC IN/OUT	NO	If set to YES then the SMDR record will show programming being opened and closed in MMC 200 and MMC 800.
23	DID NUM/NAME	YES	If this option is set to YES, received DID information will print on SMDR.
24	ITP REGISTRATION	NO	If set to YES then the SMDR record will show IP-based station to system connect and disconnect.
25	SET RELOCATION	NO	If set to YES then the SMDR record will show set relocated information.

Names are written using the keypad. Each press of a key selects a character. Pressing the next key moves the cursor to the next position. For example, if the directory name is SAM SMITH, press the number 7 four times to get the letter S. Now press the number 2 once to get the letter A. Continue selecting characters from the table below to complete your message. Pressing A button changes the letter from upper case to lower case.

> **NOTE**
> When the character you want appears on the same dial keypad key as the previous character, press the Right Soft button to move the cursor to the right.

Count	1	2	3	4	5
DIAL 0	<	>	.	)	0
DIAL 1	Space	?	,	!	1
DIAL 2	A	B	C	@	2
DIAL 3	D	E	F	#	3
DIAL 4	G	H	I	$	4
DIAL 5	J	K	L	%	5
DIAL 6	M	N	O	^	6
DIAL 7	P	Q	R	S	7
DIAL 8	T	U	V	*	8
DIAL 9	W	X	Y	Z	9
DIAL *	:	=	[	]	*

The # button can be used for the following special characters: #, space, &, !, :, ?, ., ,, %, $, -, <, >, /, =, [,], @, ^, (,), _, +, {, }, |, :,", →, ` , and \.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- A   Acts as toggle between upper case and lower case

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 725
   Display shows

   ```
   PAGE HEADER
   PRINT: YES
   ```

2. Dial the option number(e.g., 01)
   OR
   Use the Volume buttons to scroll through
   the options and press the Right Soft button
   to select an option

   ```
   LINE PER PAGE
   60 LINE/PAGE
   ```

3. Enter the option data.
   OR

   ```
   LINE PER PAGE
   50 LINE/PAGE
   ```

   Use the Volume buttons to press the RIGHT
   Soft button to save the data and return to step 2

   ```
   LINE PER PAGE
   50 LINE/PAGE
   ```

4. press TRANSFER to exit
   OR
   Press Speaker button to exit and advance to next
   MMC

DEFAULT DATA

SEE DESCRIPTION
SOME OPTIONS ARE DEPEND ON COUNTRY

RELATED ITEMS

MMC 300 CUSTOMER ON/OFF PER STATION

726 VM/AA Options

This MMC is used to define all the in band DTMF codes sent to voice mail ports. These in band codes can be 0-9, A, B or C, and performed two functions.

CALL AND TYPE INFORMATION

This is a DTMF signaling string sent to a voice mail port when the voice mail port answers a call. This DTMF information tells the voice mail port what type of call it is receiving and where the call is coming from. e.g., call has forwarded from extension 225

CALL PROGRESS TONES

These are sent to the voice mail system to provide information about the progress of the call. e.g., ring back, busy or disconnect.
Most Voice Mail systems can utilize DTMF in band signaling for more efficient call processing. This MMC has many parameters that can be programmed according to the type of automated attendant and/or voice mail system connected.

CALL and TYPE INFORMATION

The format of the DTMF data sent to a VM/AA port is as follows :
[CALL TYPE] + [DN1] + [SEPARATOR] + [DN2]

an example of this would be
[FORWARD ALL] from [225] on trunk [703]

Each field can be programmed individually as follows :

EXTENSION FOR DN1 : If set to yes, when the voice mail auto attendant system answers a call the system will send data in the DN1 field indicating that a station is ringing the VMAA port.
If set to no, when the voice mail auto attendant system answers a call the system will not send station data in the DN1 field.(**Default : No**)

TRUNK FOR DN1 : If set to yes, when the voice mail auto attendant system answers a call the system will send data in the DN1 field indicating that a trunk is ringing the VMAA port.
If set to no, when the voice mail auto attendant system answers a call the system will not send trunk data in the DN1 field.(**Default : No**)

EXTENSION FOR DN2 : If set to yes, when the voice mail auto attendant system answers a call the system will send data in the DN2 field indicating the originating station of the call ringing the VMAA port.
If set to no, when the voice mail auto attendant system answers a call the system will not send station data in the DN2 field.(**Default : No**)

TRUNK FOR DN2 : If set to yes, when the voice mail auto attendant system answers a call the system will send data in the DN2 field indicating the originating trunk of the call ringing the VMAA port.
If set to no, when the voice mail auto attendant system answers a call the system will not send trunk data in the DN2 field.(**Default : No**)

SEPARATOR : When both DN1 and DN2 are used, a digit defined here is sent between DN1 and DN2 so the VMAA system can determine where DN 1 stops and where DN 2 starts. The separator can be DTMF 0 through 9, *, #, A, B or C. (**Default : No**)

DISCONNECT SIGNAL : This is the call progress digit sent to the VMAA port in place of a disconnect open. The digit defined here is sent three times.(**Default : C**)

CALLER ID NUMBER : If set to yes, when the voice mail auto attendant system answers a call the system will send Caller ID data as DTMF tones to the VMAA port. (**Default : No**)

CALL TYPE ID : This is the DTMF digit that is sent first in the in band digit string and can identify any of the following call types :

No	Call Type	Default	Description
0	DIRECT CALL	1	A call originating directly from another station in the system.
1	ALL FWD CALL	2	This indicates that a call was forwarded to the VM/AA port from a station with CALL FORWARD ALL set.
2	BSY FWD CALL	3	This indicates that a call was forwarded to the VM/AA port from a station with CALL FORWARD BUSY set.
3	NOA FWD CALL	4	This indicates that a call was forwarded to the VM/AA port from a station with CALL FORWARD NO ANSWER set.
4	RECALL	5	A call is recalling the VM/AA port after being transferred and not answered.
5	DIR TRK CALL	6	A Trunk Line call has gone directly to VM/AA (e.g., trunk 717 DIL to VM/AA).
6	OVERFLOW	7	A call has OVERFLOWED to the VM/AA port from a station group.
7	DID CALL	8	A DID call has called the VM/AA port.
8	MESSAGE CALL	9	A message button or message reply feature code has been used to call the VM/AA port.

PROGRESS TONE ID : These are the DTMF codes that is sent to the VMAA port in place of regular progress tones. For example, when a VMAA port goes off hook to originate or transfer a call, instead of hearing normal dial tone, it will hear DTMF 'BA'. Progress tones can greatly increase the efficiency of a VMAA system because it is easier and quicker to detect DTMF than a busy, ring back or DND tone.

Progress tones can identify any of the following :

No	Tone Type	Default	Description
0	DIAL TONE	NO	Dial Tone
1	BUSY TONE	NO	Busy Tone
2	RINGBAK TONE	NO	Ring back Tone
3	DND NO MORE	NO	DND or No More Call Button Error
4	HDSET ANSWER	NO	Off Hook Answer
5	SPKER ANSWER	NO	On Hook Answer

GENERAL RULES

1. 201 is talking to a trunk and presses TRANSFER plus the station number, but the station is forwarded to VM/AA and VM/AA answers. When this happens, if 201 presses TRANSFER again to return to the trunk, the VM/AA port is not on hold. It is disconnected.

2. A VM/AA port leaves a message indication for a station. When the station returns the message, any available port in the VM/AA group should ring, not only the one that left the message.

3. A VM/AA port leaves a message for a station. When the station returns the message, the MESSAGE LED is not automatically turned off. If a VM/AA system turns on the MESSAGE LED, the VM/AA system must turn it off.

4. If DTMF call progress tones are not enabled, the system sends regular call progress tones.

5. When a VM/AA port calls a station that is in the AUTO ANSWER or VOICE ANNOUNCE mode, the phone will be forced to ring.

6. All calls to a VM/AA port or group ring with Trunk line ringing cadence, not intercom ring cadence.

EXAMPLES OF VM/AA OPERATION(IN BAND DTMF DIGIT STRING)

In the following example, all call and type data is turned on unless otherwise stated. X is the separator digit, all-default values are used in these examples and [ ] is not used.

A DIL 701 calls a VM/AA port or group :
[*]+[701]+[ ]+[ ]

In the above example, if Trunk Line information is not used :
[ ]+[ ]+[ ]+[ ] (Nothing is used)

DIL 701 calls a call-forwarded station(205) :
[#]+[205]+[X]+[701]

In the above example, if forward information is not used :
[ ]+[205] +[X]+[701]

In the above example, if forward and DN2/Trunk Line information is not used :
[ ]+[205]+[ ]+[ ]

DIL 701 calls group 501 that overflows to VM/AA :
[#]+[501]+[x]+[701]

In the above example, if overflow information is turned off :
[ ]+[ ]+[ ]+[ ] (Nothing is sent)

A DID call rings the VM/AA directly :
[B]+[9999]+[ ]+[ ]
9999 are the DID digits from Trunk Line

In the above example, if did information is turned off :
[ ]+[9999]+[ ]+[ ]

A station transfers(blind or screened) a call(Trunk Line, DID or intercom) to VM/AA group or port. When the transferring station hangs up(blind transfer) :
[ ]+[ ]+[ ]+[ ] (Nothing is sent)

A station(202) transfers a Trunk Line call(702) to a station(225) that is Call Forward All to a VM/AA group or port. When the transferring station hangs up(blind transfer) and the VM/AA group or port answers :
[#]+[225]+[x]+[702]

A station(202) transfers a Trunk Line call(702) to a group(501) that overflows to a VM/AA group or port :
[#]+[501]+[X]+[702]

In the above example, if overflow information is turned off :
[   ]+[   ]+[   ]+[   ] (Nothing is sent)

A station(205) calls a VM/AA port or group :
[Q]+[205]+[   ]+[   ]

In the above example, if direct information is turned off :
[   ]+[   ]+[   ]+[   ] (Nothing is sent)

A station(205) calls using MESSAGE key :
[Q]+[205]+[   ]+[   ]

In the above example, if message information is turned off :
[   ]+[   ]+[   ]+[   ] (Nothing is sent)

A call(702) recalls back from station 225 to the VM/AA group :
[#]+[225]+[x]+[702]

In the above example, if recall and DN2/CO information are turned off :
[   ]+[   ]+[   ]+[   ] (Nothing is sent)

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used in some fields where a value is entered or deleted.
- A   Used to input alpha character 'A'
- B   Used to insert alpha character 'B'
- C   Used   to   insert   alpha   character   'C'

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 726
   Display shows

   ```
   EXT FOR DN1
   YES
   ```

2. Enter the OPTION number from the above
   list(e.g., 3)
   OR
   Press Volume button to make selection and
   press Right Soft button to move cursor

   ```
   TRK FOR DN2
   NO
   ```

3. Enter 1 for YES or 0 for NO
   OR
   Press Volume button for selection and press Right
   Soft button to return to step 2

   ```
   TRK FOR DN2
   YES
   ```

4. press Transfer button to exit
   OR
   Press Speaker button to exit and advance to next
   MMC

DEFAULT DATA

SEE DESCRIPTION
SOME OPTIONS ARE DEPEND ON COUNTRY

RELATED ITEMS

MMC 207 ASSIGN VM/AA PORT

727 System Version Display

This MMC is only used for system version display. This is a READ ONLY MMC.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 727
   Display shows

   ```
   SYSTEM VERSION
   '03.08.22 V1.00
   ```

2. Press Transfer button to exit
   OR
   Press Speaker button to exit and advance to next
   MMC
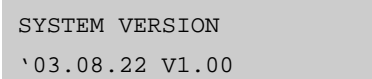
DEFAULT DATA

NONE

RELATED ITEMS

NONE

728 CID Translation Table

Allows the system administrator or technician to associate a CID number received from the central office with a name programmed in this translation table. If there is no match between a received number and a name in this table, 'no CID name' will be displayed.

The translation table consists of 1000 entries for a OfficeServ 12 system . Each entry is comprised of a ten-digit(14 digits allowed) telephone number and a 16-digit name.

Names are written using the keypad. Each press of a key will select a character. Pressing the next key will move the cursor to the next position. For example, if the directory name is 'SAM SMITH, ' press the number '7' four times to get the letter 'S'. Now press the number '2' once to get the letter 'A'. Continue selecting characters from the table below to complete your message.

	When the character you want appears on the same dial keypad key as the previous character, press the VOL Volume Up button to move the cursor to the right.

Count	1	2	3	4	5
DIAL 0	<	>	.	)	0
DIAL 1	Space	?	,	!	1
DIAL 2	A	B	C	@	2
DIAL 3	D	E	F	#	3
DIAL 4	G	H	I	$	4
DIAL 5	J	K	L	%	5
DIAL 6	M	N	O	^	6
DIAL 7	P	Q	R	S	7
DIAL 8	T	U	V	*	8
DIAL 9	W	X	Y	Z	9
DIAL *	:	=	[	]	*

The # button can be used for the following special characters: #, space, &, !, :, ?, ., ,, %, $, -, <, >, /, =, [,], @, ^, (,), _, +, {, }, |, ;,", →,` , and \.

PROGRAM BUTTONS

- VOLUME Used to scroll through options
- KEYPAD Used to enter selections
- SOFT Move cursor left and right
- SPEAKER Used to advance next MMC
- HOLD Used to clear previous entry
- A Acts as toggle between upper case and lower case

ACTION

PROCEDURE	DISPLAY

1. Press Transfer button and enter 728
   Display shows first entry

   ```
   TRANSLATIO(0001)
   DGT:
   ```

2. Dial entry number(e.g., 0005)
   OR
   Use Volume button to scroll through entries
   and press Right Soft button to select entry

   ```
   TRANSLATIO(0005)
   DGT:_
   ```

3. Enter telephone number and press Right Soft
   button to advance name entry
   OR
   Enter telephone number and press Left
   Soft button to return to step 2

   ```
   TRANSLATIO(0005)
   DGT:3054264100
   ```

4. Enter associated name as described above
   and press Right Soft button to return to step 2

   ```
   TRANSLATIO(0005)
   SAMSUNG TELECOM
   ```

5. press Transfer button to exit
   OR
   Press Speaker button to exit and advance to next
   MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 312 ALLOW CID
MMC 608 ASSIGN REVIEW BLOCKS

740 Station Pair

Assigns a secondary station to a phone. This secondary station can be a phone or single line port. The secondary station assumes the Call Forwarding, Class of Service, LCR Class, and DND attributes of the primary station.

> NOTE
>
> If the COS is changed for either station in MMC 301 the change affects both stations. Secondary stations when dialled will also ring the primary extension. Message from secondary extension will display that(secondary) extension numbers. Callback to extension(secondary) as well.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry

ACTION

PROCEDURE

DISPLAY

1. Press Transfer button and enter 740
   Display shows

   ```
   [201] PRIMARY
   SECONDARY:NONE
   ```

2. Enter the primary station number via dial keypad(e.g., 201)
   OR
   Press Volume button to select and press Right Soft button

   ```
   [201] PRIMARY
   SECONDARY:NONE
   ```

3. Enter the secondary station number via dial keypad(e.g., 205)
   OR
   Press Volume button to select and press Right Soft button

   ```
   [201] PRIMARY
   SECONDARY:205
   ```

4. Press Transfer button and enter button to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 102 STATION FORWARDING
MMC 301 STATION COS
MMC 310 LCR CLASS OF SERVICE

750 VM System Restart

This MMC is only used for the external Samsung Voice Mail system(SVM-400).
When VMS starts or restarts it while download information about the OfficeServ 12 system it is installed.
This information is used by VMS to build a mailbox database.
This is quick way to initially configure a system, but is usually not necessary on subsequent restarts. This
MMC can be used to turn on or off this database download and optionally restart the VMS.

- DOWNLOAD
  NO-The database information will not be downloaded from keyphone system.
  YES-The database information will be downloaded from keyphone system.
  After VMS has been initially configured, it is advisable to set this to NO to minimize boot up time.

- PORT RESTART
  NO-The VMS will not restart.
  YES-The VMS will restart according to the DOWNLOAD option.
  This option can be used at any time to reset the external VMS(SVM-400).

- VIRTUAL NUMBER DOWNLOAD
  This option is determine which type virtual port include during mailbox and system numbering plan downloading procedure.

The virtual port type are followed :

No	Port Type	Description
0	VIRTUAL EXT	Virtual extension number
1	IP PHONE	IP-based phone number
2	DECT PHONE	DECT terminal number
3	WIP WITH WLI	Wireless IP-based mobile phone number works with WLI
4	BRI STATION	ISDN terminal number
5	VOIP NET TRK	VoIP networking trunk number
6	VOIP 323 TRK	VoIP H.323 trunk number
7	VOIP SIP TRK	VoIP SIP trunk number
8	REMOTE STN	Remote station number via networking

PROGRAM BUTTONS

- VOLUME   Changes MMC data between YES and NO
- KEYPAD   0 and 1 will change data and advance to other option
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 750

VM CARD RESTART
DOWNLOAD   ? NO

   Display shows

2. Dial 0,1 or 2 to set option and advance

VM CARD RESTART
CARD RESTART?NO

   OR
   Press Volume button to make selection and
   press Right Soft button

3. Dial 0(No) or 1(Yes) to confirm selection

VM CARD RESTART
ARE YOU SURE?NO

   OR
   Press Volume button to make selection and press
   Right Soft button

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

ALL OPTIONS ARE NO

RELATED ITEMS

NONE

751 Assign Mailbox

This MMC is only used for the Samsung Voice Mail System(SVM-400). It assigns each station or group as having a mailbox(yes or no). When stations or groups are flagged as YES, during Voice Mail System power up mailboxes will be created for each directory number with a 'YES' entry.
Once the Voice Mail database has been created new boxes can be added.

a) Through Voice Mail administration,

b) By adding a new mailbox in this system and cycling system power.
    If a mailbox is to be removed it must be done through Voice Mail administration.
    If a station that do not have an associated voice mailbox, call the Voice Mail system they will be answered by the Voice Mail system main greeting.

> **NOTE** Mailboxes that are needed for people that do not have an extension must be added through Voice Mail programming.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- ANS/RLS   Used to select ALL

ACTION

PROCEDURE	DISPLAY

1. Press Transfer button and enter 751
    Display shows

```
ASSIGN MAIL BOX
[201]  YES
```

2. Dial station number
    OR
    Press Volume button to scroll the number and press Right Soft button to move cursor

```
ASSIGN MAIL BOX
[202]  YES
```

3. Dial 0 for NO or 1 for YES.
    OR
    Press Volume button to make selection and press Right Soft button to save and move stop 2.

```
ASSIGN MAIL BOX
[202]  NO
```

4. Press Transfer button and enter button to exit
    OR
    Press Speaker button to advance next MMC

DEFAULT DATA

ALL STATIONS=YES
ALL GROUPS=NO

RELATED ITEMS

NONE

752 Auto Record

This MMC is only used for the Samsung Voice Mail System(SVM-400).

Some specific station in the phone system can be assigned to automatically record conversations. When this option is set, all incoming, all outgoing, or all calls (incoming or outgoing) can be recorded.

When this option is selected a specific port can be assigned for each station set to automatic conversation recording or the effectiveness of this feature cannot be guaranteed. In this MMC you can assign:

1. Which station uses this feature. -Station number
2. What mailbox the conversation is recorded in. -Mailbox number
3. What type of conversations are recorded, in, out or both. -I, O or B
4. What port is dedicated to the station. -Voice mail port number

A maximum of 4 stations can this feature in the OfficeServ 12.

The same port cannot be assigned to more than one station. Attempts to do this will result in an error message.

When a Voice Mail port is assigned here, it is automatically removed from the Voice Mail group defined in MMC 601.

Before using this feature make sure that you are not violating any state or federal laws. Some states require that the recorded party be notified. SAMSUNG is not responsible for any illegal use of this feature.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to delete an entry

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 752
   Display shows

   ```
   AUTO RECORD
   STN:201  MB:NONE
   ```

2. Dial station number via dial keypad.
   OR
   Press Volume button to make selection and
   press Right Soft button to move cursor

   ```
   AUTO RECORD
   STN:201  MB:NONE
   ```

3. Dial mailbox number via dial keypad.
   OR
   Press Volume button to make selection and
   press Right Soft button to move cursor

   ```
   AUTO RECORD
   STN:201  MB:201
   ```

4. Dial VM number via dial keypad.
   OR
   Press Volume button to make selection and
   press Right Soft button to move cursor

   ```
   AUTO RECORD
   PORT:209  CALL:I
   ```

5. Dial call type via dial keypad.
   (0 : I, 1 : O or 2 : B)
   OR
   Press Volume button to make selection and
   press Right Soft button to move cursor

   ```
   AUTO RECORD
   PORT:209  CALL:B
   ```

6. Press Transfer button and enter button to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

NONE

753 Warning Destination

This MMC is only used for the Samsung Voice Mail System. This MMC provides an emergency destination for calls destined for the Voice Mail System, if the Voice Mail System is removed or is offline. In addition any calls that are forwarded to the Voice Mail card will not forward, they will remain ringing at the 'fwd from' station until answered. This destination can be a station number or a group number.

PROGRAM BUTTONS

- VOLUME　　Used to scroll through options
- KEYPAD　　Used to enter selections
- SPEAKER　Used to advance next MMC
- HOLD　　　Used to delete an entry

ACTION

PROCEDURE

DISPLAY

1. Press Transfer button and enter 753
   Display shows

   ```
   WARNING DEST.
   DEST:500
   ```

2. Dial station number or group number
   OR
   Press Volume button to scroll the number.

   ```
   WARNING DEST.
   DEST:501
   ```

3. Press Transfer button and enter button to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

500

RELATED ITEMS

NONE

754 VM Halt

This MMC is only used for the Samsung Voice Mail System.
This MMC is used to halt the Voice Mail System(take it offline). It ensures that there is no traffic on the Voice Mail card when it is disconnected from the system.

> **NOTE** This operation should be disconnecting the voice mail system from the OfficeServ 12 system.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 754
   Display shows

   ```
   VM HALT
   STATUS:PROC
   ```

2. Enter 1 to halt or 0 to process
   OR
   Press Volume button to scroll the selections.

   ```
   VM HALT
   STATUS:PROC
   ```

3. When you select 1 to halt, display shows :
   Press 1 to confirm.

   ```
   VM HALT
   ARE YOU SURE?YES
   ```

4. Display shows :

   ```
   VM HALT
   STATUS:HALT
   ```

5. Press Transfer button and enter button to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

PROC

RELATED ITEMS

NONE

755 VM Alarm

This MMC is only used for the Samsung Voice Mail System(SVM-400).
This MMC will generate an alarm message in the mailbox defined in MMC 751
whenever the Voice Mail disk drive reaches a threshold.
The threshold is measured in % full. This means that if the MMC is set for 80, the
alarm will be generated when the disk exceeds 80 % of the available drive space.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 755

   ```
   VM ALARM
   THRESHOLD:80
   ```

   Display shows

2. Enter new threshold level.

   ```
   VM ALARM
   THRESHOLD:75
   ```

3. Press Transfer button and enter button to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

80 %

RELATED ITEMS

NONE

756 Assign VM MOH

This MMC is only used for the Samsung Voice Mail System(SVM-400).
This MMC is used to assign the Music on Hold source for the DCS-408/408i from a sound file located on the SVM-400 hard disk drive. The 100 available sound files are defined as numbers 5000 to 5099.
Basically SVM-400 supports various music for numbers 5000 to 5099. If you want to use default SVM-400 support music, select the number. Otherwise, make sure you record the sound file first. The next step is to assign the sound file to a SVM-400 port. For example, if you record sound file 5025 you would associate 25 with a specific SVM-400 port, e.g. 201. This will dedicate the port for use only as MOH and remove it from group. Now 201 will show up as a valid music source in MMC 308, 309 and 408. Each Music on Hold source assigned here requires one SVM-400 port.

> If the first SVM-400 port is used for VMMOH, it must be disabled before boot up since SVM-400 and the OfficeServ 12 use port 1 during boot up to exchange critical information. For this reason we suggest you use the last port as VMMOH ports.
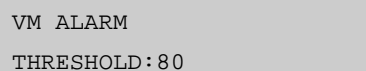
PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SPEAKER   Used to advance next MMC
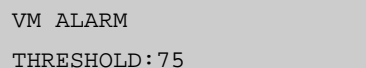- HOLD   Used to delete an entry

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 756
   Display shows

```
SET VMMOH
209  : NOT USE
```

2. Dial VM number
   OR
   Press Volume button to make a selection and
   press Right Soft button to move cursor

```
SET VMMOH
215  : NOT USE
```

3. Enter VM message number
   OR
   Press Volume button to make a selection and
   press Right Soft button to move cursor

```
SET VMMOH
215  : 25
```

4. Press Transfer button and enter button to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

NOT USE

RELATED ITEMS

NONE

757 VM In/Out

This MMC is only used for the Samsung Voice Mail System(SVM-400).
This MMC is used to assign each Voice Mail Port as used for incoming, outgoing or both way calls. Note that this MMC must support outgoing calls if off premises notification(beeper, outbound follow me of outbound notification) is used.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 757
   Display shows

   ```
   VM IN/OUT
   209  : IN/OUT
   ```

2. Dial VM number
   OR
   Press Volume button to make a selection and
   press Right Soft button to move cursor

   ```
   VM IN/OUT
   215  : IN/OUT
   ```

3. Enter In or Out via dial keypad.
   OR
   Press Volume button to make a selection and
   press Right Soft button to move cursor

   ```
   VM IN/OUT
   215  : IN
   ```

4. Press Transfer button and enter button to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

IN/OUT

RELATED ITEMS

NONE

800 Enable Technician Program

Used to open and close technician-level programming. If programming is not opened and an attempt is made to access a system MMC, the error message will be displayed.

A four digit passcode is required to access this MMC. Each character can be digits 0-9. When opened, this MMC enables access to all MMCs.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 800
   Display shows

   ```
   ENABLE TECH.PROG
   PASSCODE:
   ```

2. Enter passcode

   ```
   ENABLE TECH.PROG
   PASSCODE:****
   ```

   Correct code shows

   ```
   ENABLE TECH.PROG
   DISABLE TENANT:1
   ```

   Incorrect code shows

   ```
   ENABLE TECH. PROG
   PASSCODE ERROR
   ```

3. Enter 1 to enable or 0 to disable
   OR
   Press Volume button to select and press RIGHT
   Soft button to move tenant number and enter
   tenant number(1-2)

   ```
   ENABLE TECH.PROG
   ENABLE TENANT:1
   ```

4. Press Speaker button to advance MMC entry
   level

   ```
   801:TEC.PASSCODE
   SELECT PROG.ID
   ```

5. Enter the MMC desired(e.g., 209)

   ```
   209:AOM MASTER
   AOM NOT EXIST
   ```

6. To log out and return to MMC 800, press
   Volume button to select DISABLE
   OR
   Press Speaker button then TRANSFER to return
   to normal display
   Programming option will time out

DEFAULT DATA

DISABLE

RELATED ITEMS

MMC 801 CHANGE TECHNICIAN PASSCODE

801 Change Technician Passcode

Used to change the passcode which allows access to MMC 800 Enable Technician Program from its current value.

> **NOTE** The passcode is four characters long. Each character can be digits 0-9. The current or old passcode is required for this MMC.

PROGRAM BUTTONS

- KEYPAD   Used to enter passcodes
- SPEAKER   Save data and advance to next MMC

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 801

```
TECH. PASSCODE
NEW CODE:_
```

2. Enter new passcode

```
TECH. PASSCODE
NEW CODE:****
```

3. Enter new passcode again

```
TECH. PASSCODE
VERIFY  :****
```

4. If passcode is correct, press RIGHT soft key to continue and enter desired MMC

```
TECH. PASSCODE
VERIFY  :SUCCESS
```

    If passcode is incorrect

```
TECH. PASSCODE
VERIFY  :FAILURE
```

    System returns to step 2

```
TECH. PASSCODE
NEW CODE:****
```

5. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

DEFAULT PASSCODE : 4321

RELATED ITEMS

MMC 800 ENABLE TECHNICIAN PROGRAM

802 Customer Access MMC Number

Allows the System Administrator to have access to certain MMCs. For example, it is required that the System Administrator customer have access to MMC 102 Call Forward for call forwarding but it is not required that the System Administrator have access to MMC 710 LCR Digit Table for LCR dial plans. This MMC is for both tenants.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 802
    Display shows

    ```
    CUST.USE MMC :1
    100:STN LOCK:YES
    ```

2. Enter desired tenant number(1-2) via dial keypad
    OR
    Press Volume button to make selection and
    press Right Soft button to move cursor

    ```
    MMC TENANT:1
    100:STN LOCK:YES
    ```

3. Enter desired MMC number via dial keypad
    OR
    Press Volume button to make selection and
    press Right Soft button to move cursor

    ```
    MMC TENANT:1
    102:CALL FWD:YES
    ```

4. Enter 1 for YES or 0 for NO via dial keypad
    OR
    Press Volume button to make selection and
    press Left Soft button to return to step 3 to
    make additional entries

    ```
    MMC TENANT:1
    102:CALL FWD:NO
    ```

5. Press Transfer button and enter to exit
    OR
    Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

NONE

803 Assign Tenant Group

Allows the assignment of tenant groups on a port basis.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 803
   Display shows

```
TENANT GROUP
C:1 S:1 -01  T:1
```

2. Enter cabinet number if no change press
   Right Soft button to move cursor

```
TENANT GROUP
C:1 S:1 -01  T:1
```

3. Enter slot number if no change press RIGHT
   Soft button to move cursor

```
TENANT GROUP
C:1 S:2 -01  T:1
```

4. Enter port number if no change press
   Right Soft button to move cursor

```
TENANT GROUP
C:1 S:2 -03  T:1
```

5. Enter tenant number if no change press
   Right Soft button to return to step 2

```
TENANT GROUP
C:1 S:2 -03  T:2
```

6. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

PROCEDURE   DISPLAY

1. Press Transfer button and enter 803
   Display shows

```
TENANT GROUP
PORT:HYB-02 T:1
```

2. Enter port number if no change press
   Right Soft button to move cursor

3. Enter tenant number if no change press
   Right Soft button to return to step 2

4. Press Transfer button and enter to exit
    OR
    Press Speaker button to advance next MMC

DEFAULT DATA

ALL ASSIGNMENTS TENANT : 1

RELATED ITEMS

TENANT GROUP

805 Level And Gain

Allows the system administrator to set the base level of the TX volume on phones system wide. There are eight(8) levels those are able to be controlled by the Volume button on phone. And maximum controllable levels in the system are ten (10). Phone station users can vary eight levels. So this MMC gives the most flexibility to the system administrator so he can classify any desired eight(8) levels within eleven(11).

No	Type	Description
0	TX LEVEL CONTROL	Adjusts the transmitting sensitivity(Max. : 9) Default values are followed :
		INDEX : 0 1 2 3 4 5 6 7
		LEVEL : 1 2 4 3 5 6 7 8
1	MISC TSW GAIN	Adjusts the level of the internal music source or the external music source.(0-7, higher numbers mean lower levels) Default value is 0.
2	TSW GAIN CONTROL	Adjusts the tone sensitivity(As shown below, there are 8 types of matrix connections of the T-Switch that adjusts the tone sensitivity. Connection between Trunk lines are only applicable when set as 0 in MMC 426.) 0 DGP DLI phone 1 SLT SLI phone 2 ATRK Analog trunk 3 DTRK Digital trunk 4 VOIP MGI port or IP-based phone 5 WLI WLI port

Default values are followed :

RX TX	DGP	SLT	ATRK	DTRK	VOIP	WLI
DGP→	0.0	0.0	0.0	0.0	0.0	0.0
SLT→	0.0	-2.5	0.0	-2.5	0.0	0.0
ATRK→	0.0	0.0	+1.9	-6.0	0.0	0.0
DTRK→	0.0	-2.5	+1.9	0.0	0.0	0.0
SVM→	0.0	0.0	0.0	0.0	-6.0	0.0
VOIP→	0.0	0.0	0.0	0.0	0.0	0.0
WLI→	0.0	0.0	0.0	0.0	0.0	0.0

> This MMC should not be changed from the default levels without the assistance of the local SAMSUNG distributor.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 805
   Display shows

   ```
   TX LEVEL CONTROL
   LEVEL 0➔0
   ```

2. Press Volume button to make selection(0-3)

   ```
   TX LEVEL CONTROL
   LEVEL 1➔1
   ```

   After selection is made, press Right Soft button
   to move cursor.

3. (When the TX LEVEL CONTROL is selected)
   a. Select the desired volume level via dial keypad
      OR

   ```
   TX LEVEL CONTROL
   LEVEL 1➔1
   ```

      Press Volume button to go to the next volume
      level and press Right Soft button.

   b. Enter desired volume data via dial keypad
      OR

   ```
   TX LEVEL CONTROL
   LEVEL 1➔3
   ```

4. (When the MISC TSW GAIN is selected)
   a. Enter desired MISC/BGM TSW gain via dial
      keypad
      OR

   ```
   MISC TSW GAIN
   BGM/MOH :0
   ```

      Press Volume button to select desired MISC/BGM
      TSW gain and press Right Soft button.

5. (When the TSW GAIN CONTROL is selected)
   a. Select the TX TSW connect type via dial button pad
      OR

   ```
   TSW GAIN CONTROL
   SLT➔DGP :+0.0
   ```

      Press Volume button to go to the next TX TSW
      connect type and press Right Soft button.

b. Select the RX TSW connect type via dial button pad
OR
Press Volume button to go to the next RX TSW connect type and press Right Soft button.

```
TSW GAIN CONTROL
SLT→ATRK:+0.0
```

c. Enter desired TSW gain control data via dial keypad
OR
Press Volume button to scroll data and press Right Soft button

```
TSW GAIN CONTROL
SLT→ATRK:+1.9
```

7. Press Transfer button and enter to exit
OR
Press Speaker button to advance next MMC

DEFAULT DATA

SEE DESCRIPTION

RELATED ITEMS

NONE

807　Phone Volume Control

Allows the system administrator to set the level of phone volume.

0 : KEY TONE VOL
1 : SIDETONE VOL
2 : HANDSET TX
3 : MIC TX LEVEL
4 : NOISE GUARD
5 : NOISE THRES
6 : ALC THRES.
7 : TX/RX THRES.
8 : TX/RX COMP.
9 : MIN RX VOL(28D Only)

FX

0 : LINE VOLUME
0 : SPEAKERER VOLUME
1 : NOR.LP ATTEN
2 : MIC LP ATTEN
3 : ACOU DECOUPL
4 : ELEC DECOUPL
5 : T/R RATIO
6 : R/T RATIO

This MMC should not be changed from the default levels without the assistance of the local SAMSUNG distributor.

PROGRAM BUTTONS

- VOLUME　　Used to scroll through options
- KEYPAD　　Used to enter selections
- SPEAKER　Used to advance next MMC

ACTION

PROCEDURE　　　　　　　　　　　　DISPLAY

1. Press Transfer button and enter 807
   Display shows

   ```
   VOL.CONTROL:US24
   KEY TONE VOL:1
   ```

2. Enter phone type via dial keypad
   OR
   Press Volume button to make selection and
   press Right Soft button to move cursor.

   ```
   VOL.CONTROL:EU24
   KEY TONE VOL:1
   ```

3. Enter volume item via dial keypad
   OR
   Press Volume button to make selection and
   press Right Soft button to move cursor.

   ```
   VOL.CONTROL:EU24
   SIDETONE VOL:1
   ```

4. Enter volume data via dial keypad
   OR
   Press Volume button to make selection and
   press Right Soft button to save and return step 3.

   ```
   VOL.CONTROL:EU24
   HANDSET TX  :6
   ```

5. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

DEPEND ON PHONE TYPE

21D

KEY TONE VOL : 1
SIDETONE VOL : 1
HANDSET TX : 4
MIC TX LEVEL : 3
NOISE GUARD : 8
NOISE THRES. : 1
ALC THRES. : 7
TX/RX THRES. : 3
TX/RX COMP. : 5
MIN RX VOL : 6

FX

LINE VOLUME : 3
SPKER VOLUME : 14
NOR.LP ATTEN : 4
MIC LP ATTEN : 4
ACOU DECOUPL : 8
ELEC DECOUPL : 8
T/R RATIO : 2
R/T RATIO : 2

RELATED ITEMS

NONE

809 System MMC Language

Allows system programmer to assign a LCD display based on system programming language.

0 : ENGLISH
1 : GERMAN
2 : PORTUGAL

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 809
   Display shows

   ```
   SYS.MMC LANGUAGE
   ENGLISH
   ```

2. Enter desired language number via dial button
   pad.
   OR press Volume button to make selection and
   press Right Soft button

   ```
   SYS.MMC LANGUAGE
   GERMAN
   ```

3. Press Transfer button and enter to exit OR
   Press Speaker button to advance next MMC

DEFAULT DATA

ENGLISH

RELATED ITEMS

MULTIPLE LANGUAGE

811 Reset System

Provides two methods of restarting the system. The first method restarts the system and clears all memory. The second method restarts the system only. If clear all memory is selected, only the default data will return. Extreme care should be taken when using this MMC. If the system is restarted, all voice/data connections are dropped. If memory is cleared, all customer data is deleted and the system returns to defaulted status.

No	Reset Type	Description
0	RESET SYSTEM	System reset only with Smart Media read.
1	CLEAR MEMORY	System reset and make default system with Smart Media read.
2	FAST RESTART	System reset only without Smart Media read.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 811
   Display shows

   ```
   SYSTEM RESTART
   RESET SYSTEM?NO
   ```

2. Enter reset type(0-2) via dial keypad.
   OR
   Press Volume button to make selection and
   press Right Soft button to move cursor

   ```
   SYSTEM RESTART
   CLEAR MEMORY?NO
   ```

3. Dial 1 for YES or 0 for NO.

   Press Volume button to make selection and
   press Right Soft button

   ```
   SYSTEM RESTART
   CLEAR MEMORY?YES
   ```

4. Dial 1 for YES or 0 for NO.

   Press Volume button to make selection and
   press Right Soft button

   ```
   SYSTEM RESTART
   ARE YOU SURE?YES
   ```

5. If clear memory, system will return with default
   time and date and default extension number
   OR
   If system just restarted, it will return to normal
   programmed status

DEFAULT DATA

NONE

RELATED ITEMS

NONE

812 Set Country Code

This MMC must be run by the installer before any other programming is done.

Allows the system installer to select system software country. If you change the country selection, the system will be restart and all customer data returns to defaulted status according to the selected country.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 812
   Display shows

   ```
   SELECT COUNTRY
   Undefined
   ```

2. Press Volume button to make selection and
   press Right Soft button

   ```
   SELECT COUNTRY
   RUSSIA/CIS
   ```

3. Press Volume button to select Yes or No and
   press Right Soft button

   ```
   DEFAULTING SYSTM
   ARE YOU SURE?NO
   ```

> ⚠ **CAUTION**   if you select YES, this will restart the system and all data make default.

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

ITALY

RELATED ITEMS

All MMC

815 Customer Database Copy

Provides a means to copy the customer database to the FMDB(Smart Media card Data Base). This enables the on board database(SRAM) to be copied to the FMDB and also allows the FMDB database to be copied to the on board database. A daily save can be programmed to automatically save the on board data base to the FMDB. This insures that an up to date database is always available in the case of a catastrophic failure. A daily save time of 00:00 means there is no save performed. It is recommended to CLEAR the FMDB before the SRAM is copied to it. When the SRAM is copied to the FMDB there is no interruption in service. If the FMDB is copied to the SRAM the system will reset to accept the new data.

Database Type	Description
FMDB	Flash Memory Database
SRAM	On-Board database
S:mm/dd/yy hh:mm	Indicates the time the database was saved to the FMDB or the time the SRAM was last saved
DAILY SAVE hh:mm	The time the SRAM will be saved to the FMDB

> **NOTE**
>
> A Smart Media card of 16 MB or 32 MB must be installed in order to copy the on board database(SRAM) on to the Smart Media card(FMDB).

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 815
    Display shows

    ```
    CUST DBASE:FMDB
    S:12/01/01 00:00
    ```

    If the Smart Media is used already, the display shows

    ```
    CUST DBASE:FMDB
    SMART IS BUSY
    ```

2. Press Right Soft button to move cursor

    ```
    CUST DBASE:FMDB
    S:12/01/01 00:00
    ```

3. Press Volume button to make selection and press
    Right Soft button to move cursor

    ```
    CUST DBASE:FMDB
    CLEAR FMDB  :NO
    ```

4. Press Volume button to select YES or NO and
    press Right Soft button

    ```
    CUST DBASE:FMDB
    CLEAR FMDB  :YES
    ```

5. Press Volume button to select YES or NO and
    press Right Soft button

    ```
    CUST DBASE:FMDB
    ARE YOU SURE?NO
    ```

    If you select YES, the display shows

    ```
    CUST DBASE:FMDB
    Cleared....
    ```

6. Press Volume button to make selection and
    press Right Soft button to move cursor

    ```
    CUST DBASE:SRAM
    DAILY SAVE:00:00
    ```

7. Press Volume button to make selection and
    press Right Soft button to move cursor

    ```
    CUST DBASE:SRAM
    DAILY SAVE:00:00
    ```

8. Input save time
    OR
    Press Right Soft button to move cursor

    ```
    CUST DBASE:SRAM
    DAILY SAVE:23:30
    ```

9. Press Volume button to make selection and
    press Right Soft button to move cursor

    ```
    CUST DBASE:SRAM
    COPY TO FMDB:NO
    ```

10. Press Volume button to make selection and press
    Right Soft button to make change and
    return to the step 9

    ```
    CUST DBASE:SRAM
    ARE YOU SURE?:YES
    ```

11. Press Transfer button and enter to exit
    OR
    Press Speaker button to advance next MMC

DEFAULT DATA

DAILY SAVE 00:00(no daily save)

RELATED ITEMS

NONE

816 Conference Gain

Provides a tool to adjust the gain or loss of stations and trunks in the conference bridge. This is made available to allow for the adjustment of the conference bridge due to permanent unsatisfactory Trunk Line conditions that may inhibit a satisfactory conference bridge. Programming adjustments can be made on individual conference analog trunk members.

Option	Description
MEMBER	This identifies which size of conference the adjustment will be made for. ie. 3,4 or 5 party conference.
A-TRK	This identifies which analog trunk member that is being addressed.
CNF	This is the gain or loss adjustment in the conference bridge.
SW	This is the gain or loss adjustment in the time division switch.

This MMC is not to correct low volume. To be used with the support of local SAMSUNG distributor.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE	DISPLAY

1. Press Transfer button and enter 816 Display shows

```
CONFERENCE GAIN
USE DEFAULT :YES
```

2. Press Volume button to make selection and press Right Soft button to make change and to move cursor

```
CONFERENCE GAIN
USE DEFAULT :NO
```

3. Dial 3,4 or 5.(e.g., 4 part conference bridge.)
   OR
   Press Volume button to make selection and press Right Soft button to move cursor

```
MEMBER:4  A-TRK:0
CNF:-6.0  SW:+0.0
```

4. Dial 0 to 4.(e.g., 2 analog trunk member)
    OR
    Press Volume button to make selection and
    press Right Soft button to move cursor

```
MEMBER:4 A-TRK:2
CNF:-6.0  SW:2.5
```

5. Press Volume button to select CNF gain and
    press Right Soft button to move cursor

```
MEMBER:4 A-TRK:2
CNF:-6.0  SW:2.5
```

6. Press Volume button to select SW gain and press
    Right Soft button to save and move cursor

```
MEMBER:4 A-TRK:2
CNF:-6.0  SW:-6.0
```

7. Press TRSF to exit
    OR
    Press SPK to next MMC

DEFAULT DATA

USE DEFAULT : YES

Member	A-TRK	0	1	2	3	4
3	CNF	-2.5	-2.5	-2.5		
	SW	+0.0	+0.0	-2.5		
4	CNF	-6.0	-6.0	-6.0	-6.0	
	SW	+0.0	+0.0	-2.5	-6.0	
5	CNF	-6.0	-6.0	-6.0	-6.0	-6.0
	SW	+0.0	+0.0	-2.5	-6.0	-6.0

RELATED ITEMS

NONE

818 Program Download

Change the version by downloading new version program stored Flash Memory to Motherboard.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 818
   Display shows

   ```
   PGM DOWNLOAD
   SYS:OFIC12.PGM
   ```

2. Press Volume button to select program type
   and press Right Soft button to move cursor.

   ```
   PGM DOWNLOAD
   SYS:OFIC12.PGM
   ```

3. Press Volume button to select YES and
   press Right Soft button to move cursor
   If you select program download,
   the system will restart.

   ```
   SYSTEM PGM
   DOWNLOAD NOW?NO
   ```

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

820 Assign System Link ID

This MMC is used to assign the system link ID for PRI and VoIP networking.
Up to 50 link Ids can be entered including SELF ID. In addition each Link ID is also associated with the IP address for that system and IP address type.

Option	Description
LINK ID	System ID for networking feature.
SIGNAL G/W	System IP address for VoIP networking
IP TYPE	System IP address type for VoIP networking. SELF system IP address type determines 'SYSTEM IP TYPE' on MMC 830.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SPEAKER   Used to advance next MMC
- HOLD   Used to delete an entry

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 820
    Display shows

    ```
    SYSTEM LINK ID
    SELF :
    ```

2. Enter SELF link ID via dial keypad and
    press Right Soft button

    ```
    SYSTEM LINK ID
    SELF :11
    ```

3. Press Volume button to select other link ID
    and press Right Soft button to mover cursor.

    ```
    SYSTEM LINK ID
    NO.01:
    ```

4. Enter other link ID via dial keypad and
    press Right Soft button

    ```
    SYSTEM LINK ID
    NO.01:22
    ```

5. Press Transfer button and enter button to exit.
    OR
    Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 823 ASSIGN NETWORK COS
MMC 824 ASSIGN NETWORK DIAL TRANSLATION
MMC 830 ETHERNET PARAMETER

822 Set Virtual Extension Type

Assigns the virtual extension port type. The virtual extension port types are followed :

No	Port Type	Description
00	SLT	Emulates SLI port
01	24 BTN SET	24 buttons phone
02	12 BTN SET	12 buttons phone
03	7 BTN SET	7 buttons phone
04	6 BTN SET	6 buttons phone
05	28 BTN SET	28 buttons phone
06	18 BTN SET	18 buttons phone
07	8 BTN SET	8 buttons phone
08	38 BTN SET	38 buttons phone
09	21 BTN SET	21 buttons phone
10	14 BTN SET	14 buttons phone
11	NONE	not used

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- ANS/RLS   Used to select all

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 822
   Display shows

   ```
   [3501]PORT TYPE
   SLT
   ```

2. Enter virtual extension number
   OR
   Press Volume button to make selection and press
   Right Soft button to move cursor
   OR
   Press ANS/RLS button to select all

   ```
   [3502]PORT TYPE
   SLT
   ```

   ```
   [ALL] PORT TYPE
   SLT
   ```

3.　Enter virtual extension type
　　OR
　　Press Volume button to make selection and press
　　Right Soft button to save and move cursor

```
[3501]PORT TYPE
21 BTN SET
```

4.　Press Transfer button and enter to exit
　　OR
　　Press Speaker button to advance next MMC

DEFAULT DATA

3501-3546 : SLT
3401-3480 : 21 BTN SET

RELATED ITEMS

MMC 724 DIAL NUMBERING PLAN

823 Assign Network COS

Assigns the class of service for networking.

No	Option	Default	Description
01	CALL OFFER	Y	Call Offer
03	CC PATH RSV	Y	CC Path Reservation
04	CC SIG CONN	Y	CC Retention of Signal Connection
05	CC SVC RETN	Y	CC Service Retention
06	CCBS	N	Call Completion to Busy Subscriber
07	CCNR	N	Call Completion on No Reply
08	CFB	Y	Call Forward Busy
09	CFNR	Y	Call Forward No Reply
10	CFU	Y	Call Forward Unconditional
11	CI	N	Call Intrusion
12	CI CAPABIL	2	Intrusion Capability Level(1-3)
14	CI PROTECT	2	Intrusion Protection Level(0-3)
23	CONP LEVEL	3	CONP Level(0 : none, 1 : Alert, 2 : Busy, 3 : Both)
26	CT RE-ROUTE	N	Transfer By Rerouting
27	DND TONE	N	DND Announcement
28	DNDO	Y	Do Not Disturb Override
29	DNDO CAPABL	2	DNDO Capability Level(0-3)
30	DNDO PROTEC	2	DNDO Protection Level(1-3)
31	PATH REPL.	Y	Path Replacement
32	PATH RETEN	N	Path Retention

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 823
    Display shows

```
NETWORK COS (01)
01:CALL OFFER :Y
```

2. Dial the class of service number(01-30)
    OR
    Press Volume button to select and press
    Right Soft button to move cursor

```
NETWORK COS (02)
01:CALL OFFER :Y
```

3. Dial the feature number
    OR
    Press Volume button to select and press
    Right Soft button to move cursor

```
NETWORK COS (02)
03:CC PATH RSV:Y
```

4. Enter 0 for NO, or 1 for YES
    OR
    Press Volume button to select YES or NO and
    Press Right Soft button to store data

```
NETWORK COS (01)
03:CC PATH RSV:N
```

5. Press Transfer button and enter to exit
    OR
    Press Speaker button to advance next MMC

DEFAULT DATA

SEE DESCRIPTION

RELATED ITEMS

MMC 301 ASSIGN STATION COS

824 Network Dial Translation

Assigns the digit translation table used for networking. Generally under networking condition, you must dial the node ID and extension number to call the another node extension. It's not convenient. In this MMC, the system provides the easy digit translation of NETWORK LCR DIAL number. The translated digits are works like as LCR plus translated digits. Using this MMC, you only dial the another node extension number and call the another node extension simply. The system provides 96 entry of network dial translation.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 824
   Display shows

   ```
   01:601→
   SZ:0 MAX:00 MB:N
   ```

2. Dial the entry number
   OR
   Press Volume button to select and press
   Right Soft button to move cursor

   ```
   01:601→_
   SZ:0 MAX:00 MB:N
   ```

3. Enter digit string(max. 8digits) and press
   Right Soft button to move cursor

   ```
   01:601→60201
   SZ:0 MAX:00 MB:N
   ```

4. Enter the minimum number of user dialled digits
   OR
   Press Volume button to select and press
   Right Soft button to move cursor

   ```
   01:601→60201
   SZ:3 MAX:00 MB:N
   ```

5. Enter the waiting number of dial until LCR is
   operated
   OR
   Press Volume button to select and press
   Right Soft button to move cursor

   ```
   01:601→60201
   SZ:3 MAX:06 MB:N
   ```

6. Enter YES/NO to assign Mail Box for remote
    extension automatically
    OR
    Press Volume button to select YES/NO and press
    Right Soft button to move cursor

```
01:601→60201
SZ:3 MAX:06 MB:N
```

7. Press Transfer button and enter to exit
    OR
    Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 710 LCR DIGIT TABLE
MMC 724 DIAL NUMBERING PLAN
MMC 820 ASSIGN SYSTEM LINK ID

825 Assign Networking Option

Assigns the options used for networking.

No	Option	Description
0	ADD NUMBER TO NAME	Assign to includes the extension number in the name field of Q-SIG standard message.

PROGRAM BUTTONS

- VOLUME　　Used to scroll through options
- KEYPAD　　Used to enter selections
- SOFT　　Move cursor left and right
- SPEAKER　　Used to advance next MMC
- HOLD　　　　Used to clear previous entry

ACTION

PROCEDURE

DISPLAY

1. Press Transfer button and enter 825
   Display shows

```
ADD NUMB TO NAME
YES
```

2. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

ADD NUMB TO NAME : YES

RELATED ITEMS

MMC 710 LCR DIGIT TABLE
MMC 724 DIAL NUMBERING PLAN
MMC 820 ASSIGN SYSTEM LINK ID
MMC 824 NETWORK DIAL TRANSLATION

829 LAN Printer Parameter

This program sets the various parameters required for printing to a LAN connected device.

The three types of data listed below can be displayed using the LAN printer.

01 : SMDR
02 : TRAFFIC REPORT
03 : ALARM REPORT

The items that are set in this program are listed below :

No	Option	Default	Description
00	DATA TYPE		Type of data to be displayed
01	CURR STATUS	OFF	Current status of the LAN printer
02	EMPTY BUFF	NO	Prints all data left in the buffer
03	UPDATE LAN	NO	Applies modified items
04	DESTINATION	OFF	Data transmit destination(Off, Printer, PC, Both)
05	PRINTER IP	200.1.1.1	The IP address of the LAN printer
06	PRINTER TCP	10010	The TCP port of the printer
07	LAN TCP	10020	LAN TCP port
08	RETRY COUNT	03	Re-transmit attempt count(00-10)
09	RETRY WAIT	010 sec	Wait time for re-transmit(005-250 sec)
10	PJL ENABLE	FALSE	Sets PJL(0. FALSE, 1. TRUE)
11	LANGUAGE	RAW	Printer language(0. RAW, 1. PCL, 2. PS)
12	PAPER SIZE	LETTER	Paper size(0. A4, 1. LETTER)
13	FONT TYPE	COURIER	Font type(0.COURIER, 1.TIMES NEW ROMAN)
14	DUPLEX ENAB	FALSE	Sets duplex(0. FALSE, 1. TRUE)
15	ORIENTATION	PORTRAIT	Orientation(0. PORTRAIT, 1. LANDSCAPE)
16	PRINT TRAY	DEFAULT	Printer tray(0.Default, 1.Tray1, 2.Tray2, 3.Manual)
17	RESOLUTION	300	Resolution(0.300, 1.600)
18	LINE/PAGE	60	Line per page

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 829
   Display shows

   ```
   [01] DATA TYPE
   SMDR
   ```

2. Enter type of data to be printed
   OR
   Press Volume button to select the type and press
   the Right Soft button to move the cursor.

   ```
   [02] DATA TYPE
   TRAFFIC REPORT
   ```

3. Enter the item number
   OR
   Press Volume button to select the item and press
   the Right Soft button to move the cursor.

   ```
   [02] PRINTER IP
   200. 1. 1. 1
   ```

4. Select the data
   OR
   Press the VOLUME to select the data and press
   the Right Soft button to move the cursor.

   ```
   [02] PRINTER IP
   168.219. 83.101
   ```

5. Press Transfer button and enter to exit the
   program
   OR
   Press Speaker button to move on to the next
   program.

DEFAULT DATA

SEE DESCRIPTION

RELATED ITEMS

NONE

830 Ethernet Parameters

This MMC provides a mean to configure the Internet Protocol(IP) addressing of the OfficeServ 12 system. This MMC must be utilized if there are ITP series phones and/or MGI card used on the system.

No	Parameter	Description
00	SYSTEM IP ADDR	Specifies the IP address.
01	SYSTEM GATEWAY	Specifies the designated gateway IP address used for contacting IP devices beyond the local network subnet.
02	SYSTEM NET MASK	Specifies the IP subnet mask. This parameter is used by the system to calculate the range of IP devices(subnet) that are within 'direct reach'.(without having to go through the designated network IP gateway).
03	SYSTEM RESET	Prompt to restart system when system IP address is changed. This reset is same to FAST RESTART on MMC 811.
04	SYSTEM IP TYPE	Defines which IP addressing relationship is used for communications to and from the system. 0 PRIVATE IP ONLY : The system assumes all IP phones and VoIP connections are on the same network. And all IP addresses are private IP address. 1 PRIVATE w PUBLIC : The system knows that there is a mixture of IP phones and VoIP connections on the same network and on remote network(s), thus communicates accordingly based upon the entries in MMC 840(for IP phones), MMC 838(for other VoIP gateways) or MMC 830. 2 PRIVATE IP ONLY : The system assumes all IP phones and VoIP connections are on the same network. And all IP addresses are public IP address.
05	SYSTEM PUBLIC IP	The Motherboard will originate communications, to IP phones and VoIP connections outside the local network, using this IP address. Communications to/from this IP will require involvement of the MGI card. The system identifies communications to/from this address as 'public'. This allows devices, on remote networks/subnets, to establish communications with the system, without exposing your LAN. See 'SYSTEM IP TYPE'.
06	SYSTEM MAC ADDR	For your reference, and cannot be changed. The unique hardware (MAC) address.
07	PCMMC ADDRESS	When system wants connect to PCMMC, system will be send to this IP address for connection message. Reserved for future use.
08	REMOTE M/A ADDR	When system wants connect to remote M & A PC, system will be send to this IP address for connection message. Reserved for future use.

<table>
<tr><td>CHECK</td><td>When changing any IP address/value, three digits must be input for each(octet) field. Example) 192.168.1.10 input must be : 192 168 001 010</td></tr>
</table>

<table>
<tr><td>CHECK</td><td>The first 3 parameters : SYSTEM IP ADDR, SYSTEM GATEWAY, and SYSTEM NET MASK are stored separate from the main system database, thus will not be defaulted when MMC811 'CLEAR MEMORY' is performed. Furthermore, any changes to these parameters will not be applied until the system is reset.</td></tr>
</table>

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 830
    Display shows the system IP address.

    ```
    SYSTEM IP ADDR
    165.213. 97.185
    ```

2. Press Volume button to make selection and
    Press Right Soft button to move cursor.

    ```
    SYSTEM IP ADDR
    165.213. 97.185
    ```

3. Using the keypad enter three digit IP octet
    numbers
    IE 192 168 001 010 for 192.168.1.10
    Cursor will return to Step 1 upon completion
    of IP address entry.

    ```
    SYSTEM IP ADDR
    192.168.001.010
    ```

4. Press Volume button to make selection and
    Press Right Soft button to move cursor.

    ```
    SYSTEM GATEWAY
    165.213. 97.  1
    ```

5. Using the keypad enter three digit IP octet
    numbers
    I.e., 192 168 001 001 for 192.168.1.1
    Cursor will return to Step 5 upon completion
    of system gateway entry.

    ```
    SYSTEM GATEWAY
    192.168.001.001
    ```

6. Press Volume button to make selection and
    press Right Soft button to move cursor.

    ```
    SYSTEM RESTART
    ARE YOU SURE? NO
    ```

7. Press Volume button to make selection and
    press Right Soft button to store and move cursor.

```
SYSTEM RESTART
ARE YOU SURE? NO
```

8. Press Transfer button and enter to exit
    OR
    Press Speaker button to advance next MMC.

DEFAULT DATA

SYSTEM IP ADDR : 165.213.97.185
SYSTEM GATEWAY : 165.213.97.1
SYSTEM NET MASK : 255.255.255.0
SYSTEM RESET : NO
SYSTEM IP TYPE : PRIVATE IP ONLY
SYSTEM PUBLIC IP : 1.1.1.1
SYSTEM MAC ADDR : SYSTEM DEPENDENT
PCMMC ADDRESS : 168.219.1.101
REMOTE M/A ADDR : 168.219.1.102

RELATED ITEMS

MMC 615 MGI GROUP
MMC 833 VOIP ADDRESS TABLE
MMC 838 PRIVATE IP ADDRESSES
MMC 840 IP SET INFO
MMC 841 SYSTEM IP OPTIONS

832 VOIP Access Code

Provides a means to apply the Internet Protocol(IP) address to the VoIP gateway.
This MMC also assigns the number of channels that can be used for IP faxes.

No	Parameter	Description
O/I	TABLE(00-62)	Outbound or Inbound table use for specific access codes. Usually when the system is used as a VoIP gateway the Outbound table is used. The Inbound table is used to determine the number of digits to receive before processing the call. Each table has 63 entries(00-62).
0	ACCESS DGT	This is the access code that is used once the VoIP gateway is accessed; this directs a call based on the routing tables used. An access code table then references an access code and correlates an IP address to the access code for routing. A maximum of 8 digits are available.
1	DGT LENGTH	This field requests the number of digits that are expected to be received to make up the whole access code.
2	DEL.LENGTH	This is the number of digits to delete after receiving the access code. If no digits are deleted the access code will be sent as part of the call to the destination to continue routing at the far end destination.
3	INSERT DGT	This is the digit(s) to insert for routing at the destination. This can be used when different numbering plans exist or if a dial 9 access is needed to be inserted in the dialled digits.
4	IP TABLE 1	This is the first table referenced for routing the access code to an IP address. The system has 64 IP tables(00-63) with 16 entries(00-15) in each table. See MMC 833.
5	IP START	This entry indicates where in a table to start looking for an IP code to associate with the access code. This can be used to manage where to start looking for an IP address in high traffic VoIP gateway applications. Example) If IP address routing to the desired destination is known to be in the last 7 entries of a table the IP START location would be 8. IP address searching would start at entry 8.
6	GK USE	This parameter determines whether a H.323 Gatekeeper will be utilized to establish this connection.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 832
   Display shows the outbound and first access
   code

   ```
   (O:00)ACCESS DGT
   0
   ```

2. Enter 0 for O(outbound) or 1 for I(inbound)
   code table.
   OR
   Press Volume button to make select ion and
   press Right Soft button to move cursor.

   ```
   (O:00)ACCESS DGT
   0
   ```

3. Enter access code table number(00-62) via dial
   keypad.
   OR
   Press Volume button to make select ion and
   press Right Soft button to move cursor.

   ```
   (O:01)ACCESS DGT
   1
   ```

4. Enter access code item(0-6) via dial keypad.
   OR
   Press Volume button to make select ion and
   press Right Soft button to move cursor.

   ```
   (O:01)ACCESS DGT
   1
   ```

5. Enter access code data via dial keypad.
   OR
   Press Volume button to make select ion and
   press Right Soft button to save and move cursor.

   ```
   (O:01)ACCESS DGT
   840
   ```

6. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC.

DEFAULT DATA

ACCESS DGT : 00-09(digits 0-9), 10-62 NONE
DGT LENGTH : 1
DEL.LENGTH : 1
INSERT DGT : NONE
IP TABLE 1 : 00
IP START : NONE
GK USE : NO

RELATED ITEMS

MMC 833 VOIP ADDRESS TABLE
MMC 834 H.323 OPTIONS
MMC 836 H.323 GATEKEEPER OPTIONS
MMC 837 SIP OPTIONS

833 VoIP IP Table

This MMC provides the IP addresses in tables pointed to by the VoIP code entry (MMC832). There are 63 tables with up to 16 entries each. The destination IP address is required to route dialled digits based on the access code and digits dialled. The IP entry field is divided into 4 sections allowing modification of separate IP address fields.

> **CHECK**
>
> When changing any IP address/value, three digits must be input for each(octet) field.
> Example) 192.168.1.10 input must be : 192 168 001 010

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 833.
   Display shows the first table number.

   ```
   TB(00)  ENTRY (00)
    0.  0.  0.  0
   ```

2. Enter table number(00-62) via dial keypad.
   OR
   Press Volume button to make select ion and
   press Right Soft button to move cursor.

   ```
   TB(00)  ENTRY (00)
    0.  0.  0.  0
   ```

3. Enter entry number(00-15) via dial keypad.
   OR
   Press Volume button to make select ion and
   press Right Soft button to move cursor.

   ```
   TB(00)  ENTRY (00)
   _ 0.  0.  0.  0
   ```

4. Enter IP address via dial keypad.
   Cursor will be return step 3.

   ```
   TB(00)  ENTRY (00)
   165.213. 87.110
   ```

5. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC entry.

DEFAULT DATA

TB(00) ENTRY(00) : MMC830 SYSTEM IP ADDR
ALL OTHERS : EMPTY

RELATED ITEMS

MMC 830 ETHERNET PARAMETER
MMC 832 VOIP OUTBOUND DIGITS
MMC 834 H.323 OPTIONS
MMC 837 SIP OPTIONS
MMC 838 PRIVATE IP ADDRESSES

834 H.323 Options

This MMC provides various VoIP support options. The options set in this MMC are set system-wide.

No	Option	Description
00	GATEWAY CALL ID	This a up to 12 digits numeric entry that identifies this system. Default is '1234'.
01	H.323 FAST SETUP	Enables or disables the H.323 Fast Start call setup method. Default is ENABLE.
02	CALLER ID TYPE	This option controls the calling party identification type. There are 3 possible selections : 0 GWID : Which shows the gateway call ID. 1 ANI : Which shows the calling station number(Default) 2 IP : Which shows the calling H.323 gateway IP address.
06	TUNNELING	Enables or disables the need for additional channels using H.245 signalling. Tunnelling allows use of the H.245 signal channel with the Q.931 channel. Default is ENABLE.
07	DEFAULT DIL NO	This allows programming of the default direct in line number when digits are missing, or incorrect on an inbound call. Default is 500.
11	CODEC AUTO NEGO	Enables or disables Auto CODEC Negotiation when the MGI is used as a H.323 gateway. Default is ON.
14	SIGNAL PORT	Indicate the port number for H.323 signalling and sets a range of numbers allowed by firewall equipment. The common and default IP path or port used is 10000.
17	SEND CLIP TABLE	Refers to SEND CLI NUMBER(MMC323), which provides calling party identification when using the MGI as a H.323 gateway. This provides station ID of the calling station. A single digit value corresponding with the desired table in MMC323 should be entered here. This is only used when MMC405 value is null. Default is1.
18	INCOMING MODE	This option selects how incoming calls are routed when the MGI is used as a H.323 gateway. 0 FOLLOW TRUNK RING : Follows MMC406 1 FOLLOW DID TRANS : Follows MMC714(default) 2 FOLLOW INCOM DGT : Follows MMC724
19	ALLOW GW CHECK	When using a gatekeeper, this permits the H.323 gateway to check for gatekeeper presence. Default is DISABLE.

PROGRAM BUTTONS

- VOLUME　　Used to scroll through options
- KEYPAD　　Used to enter selections
- SOFT　　Move cursor left and right
- SPEAKER　　Used to advance next MMC

ACTION

PROCEDURE　　　　　　　　　　　**DISPLAY**

1. Press Transfer button and enter 834
   Display shows the first option.

   ```
   GATEWAY CALL ID
   1234
   ```

2. Enter H.323 option number(00-19) via
   dial keypad.
   OR
   Press Volume button to make selection and
   press Right Soft button to move cursor

   ```
   H.323 FAST SETUP
   DISABLE
   ```

3. Enter H.323 option data via dial keypad.
   OR
   Press Volume button to make selection and
   press Right Soft button to move cursor

   ```
   H.323 FAST SETUP
   ENABLE
   ```

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC.

DEFAULT DATA

SEE DESCRIPTION

RELATED ITEMS

MMC 323 CALLING PARTY NUMBER
MMC 405 CO LINE TEL NUMBER
MMC 306 TRUNK RING ASSIGNMENT
MMC 714 DID NUMBER AND NAME TRANSLATION
MMC 724 DIAL NUMBERING PLAN
MMC 832 VOIP OUTBOUND DIGITS
MMC 837 SIP OPTIONS

835 MGI DSP Options

This MMC provides various MGI DSP options. The options set in this MMC are MGI-type specific.

MGI parameters are followed :

No	Parameter	Description
00	AUDIO CODEC	Selects which audio CODEC compression will be used. G.729A(8K), G.729(8K), G.711(64K), G.723.1(5.3K-6.4K). Default is G.729A
01	ECHO CANCEL	Enables or disables echo cancellation. This function removes echo that is generated by voice reflection and packet delay. Default is ENABLE.
02	SILENCE SUP	This parameter determines whether silence suppression is used This prevents transmission during the silence period of a call, and conserves bandwidth when enabled. Default is ENABLE.
03	IN FILTER	This option select input filtering of the DSP. This should always be set as ENABLE.
04	OUT FILTER	This option select output filtering of the DSP. This should always be set as ENABLE.
05	INPUT GAIN	PCM input gain value of DSP. The range is-31Db-32dB(0-63). This set the quality of PCM voice from the VoIP DSP to the site. Default is 32(0 dB).
06	VOICE VOL	This value selects the voice volume. The range is-31dB-31dB(0-63). Default is 32(0 dB).
07	FRAME COUNT	This value determines the transmission interval time of VoIP packets generated by the MGI card. The range is 020-240ms Default is 40ms.
08	JITTER OPT	This is a scale value that introduces a intentional buffer(delay) of the transmission of VoIP packets generated by the MGI card. This value determines whether the focus is on packet loss or packet delay. The range is 00-12. Default is 4.
09	MIN JITTER	Decides the minimum time to consider delay for jitter adjustment. The range is 010-300ms Default is 30ms.
10	MAX JITTER	Decides the maximum time to consider delay for jitter adjustment. The range is 010-300ms. Default is 150ms.
11	FAX ECM	This option selects retry of Fax-over-IP, in the case that errors are detected. Default is ENABLE.

No	Parameter	Description
12	MAX FAX CNT	This is maximum number of channels that can be simultaneously utilized for Fax-over-IP. The range is 00-16. Default is 2.
13	DTMF TYPE	There are two types of DTMF transmission : INBAND, which is industry standard(H.245) type DTMF transport, and OUTBAND which is a Samsung proprietary method.
14	TOS FIELD	An eight-bit binary value that will be utilized by external routers, switches, etc(that optionally support TOS-bit prioritization)-to identify the transport-priority value of data packets generated by the MGI card. This value can be left at default value(00000) if your network infrastructure does not support this method of bandwidth management. Default is all bits 0.
15	FAX RETRY	This option selects retry count of Fax-over-IP, in the case that errors are detected. The range is 0-4 and 0 means no retry. Default is 3.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 835
   Display shows the first option

   ```
   MGI:AUDIO CODEC
   G.729A
   ```

2. Enter MGI type(0-2) via dial keypad
   OR
   Press Volume button to make selection and
   press Right Soft button to move cursor

   ```
   MGI:AUDIO CODEC
   G.729A
   ```

3. Enter MGI DSP parameter via dial keypad
   OR
   Press Volume button to make selection and
   press Right Soft button to move cursor

   ```
   MGI:AUDIO CODEC
   G.729A
   ```

4. Enter MGI DSP parameter
   OR
   Press Volume button to make selection and
   press Right Soft button to save and return step 3.

   ```
   MGI:AUDIO CODEC
   G.729
   ```

5. Press Transfer button and enter to exit
    OR
    Press Speaker button to advance next MMC

DEFAULT DATA

SEE DESCRIPTION

RELATED ITEMS

836 H.323 GK Options

Provides a means to set the H.323 gatekeeper parameters for an optional external industry-standard H.323 network gatekeeper, using Registration, Admissions, and Status signalling(RAS). The settings are system wide.

> **CHECK** When changing any IP address/value, listed below, three digits must be input for each (octet) field. Example) 192.168.1.10 input must be : 192 168 001 010

No	Option	Description
00	GK CONNECTION	This enables or disables the H.323 call to connect to a gatekeeper. Default is DISABLE.
01	GK ROUTING	This enables or disables routing of calls through a gatekeeper. Default is DISABLE.
02	GK IP ADDRESS	This is gatekeeper's IP address. Default is 0.0.0.0
03	GK NAME	This is alphanumeric name identifier of the gatekeeper. An entry of 16 characters. Default is 'Gatekeeper'.
04	ALTER GK IP ADDR	This provide for an alternate gatekeeper address. Default is 0.0.0.0
05	H.323 GATEWAY ID	This is the H.323 identifier used by the MGI when registering with the gatekeeper. This can be up to 32 characters. Default is 'OfficeServ 12'.
06	E.164 GATEWAY NO	This is the E.164 identifier used by the H.323 trunk when registering with the gatekeeper. This can be up to 16 digits in length.
07	GK KEEP ALIVE	This is the timer that the MGI uses to acknowledge the presence of the gatekeeper. The range is 000-999 seconds. Default is 0 SEC.
08	GK DOWN ROUTE	This provides an alternate route in case the primary gatekeeper is down. Selections are PSTN or ALTER GK. Default is PSTN.
09	GK RAS TYPE	Select if AUTO or MANUAL, depending on your gatekeeper's capabilities. Default is AUTO.
11	URQ REASON MODE	Select ON or OFF for usage of Un-register Request RAS(URQ) messages. Default is ON.
12	RRQ FAIL TIME	Programs the time frame to re-send Registration Request RAS (RRQ) messages to a gatekeeper. Default is 30 seconds. The range is 1-99.
13	GRQ SEND	Select ON or OFF for usage of Gatekeeper RAS Request(GRQ) messages. Default is OFF.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 836
   Display shows the first available option

   ```
   GK CONNECTION
   DISABLE
   ```

2. Enter H.323 GK option via dial keypad
   OR
   Press Volume button to make selection and
   press Right Soft button to move cursor

   ```
   GK ROUTING
   DISABLE
   ```

3. Enter H.323 GK option data
   OR
   Press Volume button to make selection and
   press Right Soft button to save and return step 3.

   ```
   GK ROUTING
   ENABLE
   ```

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

SEE DESCRIPTION

RELATED ITEMS

MMC 834 H.323 OPTIONS

837 SIP Options

This MMC permits the adjustments of optional Session Initiation Protocol(SIP) trunking parameters. The system supports SIP and H.323 on a per call-per-port basis. The settings are system-wide.

> CHECK
>
> When changing any IP address/value, listed below, three digits must be input for each (octet) field. Example) 192.168.1.10 input must be : 192 168 001 010

No	Option	Description
00	GATEWAY CALL ID	This a up to 12 digits numeric entry that identifies this system. Default is '1234'.
01	CALLER ID TYPE	This option controls the calling party identification type. There are 3 possible selections: 0 GWID : Which shows the gateway call ID. 1 ANI : Which shows the calling station number(Default) 2 IP : Which shows the calling H.323 gateway IP address.
02	DEFAULT DIL NO	This allows programming of the default direct in line number when digits are missing, or incorrect on an inbound call. Default is 500.
03	UDP PORT : TRUNK	Sets the UDP port used on a SIP trunk call. Default is 5060.
04	UDP PORT : PHONE	Sets the UDP port used on a SIP phone call. Default is 5070.
05	RE-TRANS. T1 TIME	The initial re-transmission time if no answer based on the RFC2543 specification. The range is 0-9900ms. Default is 500ms.
06	RE-TRANS. T2 TIME	The maximum re-transmission time if no answer based on the RFC2543 specification. The range is 0-9900ms. Default is 4000ms.
07	RE-TRANS. T4 TIME	The time the User Agent Server waits after receiving the ACK message. Based on the RFC2543 specification. The range is 0-9900ms. Default is 5000ms.
08	GENERAL RING TM	The server shall retransmit the response during this amount of time until the requested retransmission is received. For example, the wait time after sending 200 OK for INFO. The range is 0-99900ms. Default is 5000ms.
09	INVITE LING TM	After the client sends ACK for the INVITE Final Response, the client cannot confirm if the server received the ACK message. The client waits for this amount of time after sending ACK for the Final Response. The range is 0-99900ms. Default is 5000ms.
10	PROVISIONAL TIME	After receiving the Provision Response, the User Agent shall wait for this amount of time until Timeout ends. The range is 0-999900ms. Default is 180000ms.

No	Option	Description
11	INV.NO RESP TIME	Before sending Cancel for the Invite Request, the User Agent shall wait for this amount of time. The range is 0-99900ms. Default is 5000ms.
12	GEN.NO RESP TIME	Before sending Cancel for General Request, the User Agent shall wait for this amount of time. The range is 0-99900ms. Default is 5000ms.
13	REQ.RETRY TIME	After sending General Request, the User Agent shall wait for the Final Response for this amount of time. The range is 0-99900ms. Default is 5000ms.
14	SIP SERVER ENBLE	Sets ENABLE or DISABLE to use an optional external industry-standard SIP Server. Default is DISABLE.
15	SIP SERVER IP	Sets SIP server IP address. Default is 0.0.0.0.
16	SIP SERVER PORT	Sets the port to use on the SIP Server. Default is 5060.
14	SIGNAL PORT	Indicate the port number for SIP signalling and sets a range of numbers allowed by firewall equipment. The common and default IP path or port used is 10000.
18	SEND CLIP TABLE	Refers to SEND CLI NUMBER(MMC323), which provides calling party identification when using the MGI as a SIP gateway. This provides station ID of the calling station. A single digit value corresponding with the desired table in MMC323 should be entered here. This is only used when MMC405 value is null. Default is1.
19	INCOMING MODE	This option selects how incoming calls are routed when the MGI is used as a SIP gateway. 0 FOLLOW TRUNK RING : Follows MMC406 1 FOLLOW DID TRANS : Follows MMC714(default) 2 FOLLOW INCOM DGT : Follows MMC724
20	ALLOW GW CHECK	When using a gatekeeper, this permits the SIP gateway to check for gatekeeper presence. Default is DISABLE.

PROGRAM BUTTONS

- VOLUME　　　Used to scroll through options
- KEYPAD　　　Used to enter selections
- SOFT　　Move cursor left and right
- SPEAKER　　Used to advance next MMC

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 834
   Display shows the first option.

   ```
   GATEWAY CALL ID
   1234
   ```

2. Enter SIP option number(00-20) via dial keypad.
   OR
   Press Volume button to make selection and press
   Right Soft button to move cursor

   ```
   CALLER ID TYPE
   ANI
   ```

3. Enter SIP option data via dial keypad.
   OR
   Press Volume button to make selection and press
   Right Soft button to move cursor

   ```
   CALLER ID TYPE
   IP
   ```

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

SEE DESCRIPTION

RELATED ITEMS

MMC 323 CALLING PARTY NUMBER
MMC 405 CO LINE TEL NUMBER
MMC 306 TRUNK RING ASSIGNMENT
MMC 714 DID NUMBER AND NAME TRANSLATION
MMC 724 DIAL NUMBERING PLAN
MMC 832 VOIP OUTBOUND DIGITS
MMC 834 H.323 OPTIONS

840 IP Phone Information

This MMC provides a means to register the IP phones with the OfficeServ 12 system. During registration, the IP and MAC addresses are also registered. The User ID and Password must match the table entry in this MMC for the IP phone to be registered. The system made default phone numbers are 3201-3299 and made default User ID's match the default station numbers(3201-3299). The system default password is 1234. IP phones must be individually programmed with User ID and Password to register with the system.

No	Information	Description
00	USER ID	This is the ID the IP phone must match to register with the OfficeServ 12 system. This entry can be alphanumeric.(Default: first 99 IP phones are '3201'-'3299', others are EMPTY)
01	USER PSWD	This is the Password the IP phone must also have to register with the OfficeServ 12 system. This entry can be alphanumeric. Default is '1234'.
02	IP ADDR	This is the IP address of the IP phone once registered with the system. This is read only data. Default is 0.0.0.0.
03	MAC ADDR	This is MAC address of the IP phone once registered with the system. This is read only data. Default is FFFFFFFFFFFF.
04	SIG PORT	This is the IP UDP port of the IP phone once registered with the system. This is read only data. This information will be needed when traversing NAT routers, firewalls, etc. Default is 6000.
05	VOICE PORT	This is the IP RTP port of the IP phone once registered with the system. This is read only data. This information will be needed when traversing NAT routers, firewalls, etc. Default is 9000.
06	IP TYPE	This is the type of IP network used : PRIVATE or PUBLIC. Default is PRIVATE.
07	DSP TYPE	This selects which CODEC this phone's DSP will use. G.729A(low bandwidth) or G.711(high bandwidth). This data uses IP phone to IP phone connection only, others case are follow MGI CODEC type. Default is G.729A.
08	PHONE TYPE	This the type of IP phone used. SAMSUNG or SIP(future). Please should be use SAMSUNG.
09	REGIST CLR	This is used to clear the registration of a particular IP phone. This is similar to phone plug out and plug in, and the useful for maintenance. Because technician will be re-registered IP phone without network cable find out first.
10	FRAME COUNT	This value determines the transmission interval time of VoIP packets generated by the IP phone. This data uses case of MMC 841 ITP DSP PARA DOWN=PHONE DATA only. The range is 10-40ms. Default is 10ms.
11	JITTER SIZE	Decides the minimum time to consider delay for jitter adjustment. This data uses case of MMC 841 ITP DSP PARA DOWN=PHONE DATA only. The range is 10-90ms. Default is 20ms.

No	Information	Description
12	TOS FIELD	An eight-bit binary value that will be utilized by external routers, switches, etc(that optionally support TOS-bit prioritization)-to identify the transport-priority value of data packets generated by the IP phone. This value can be left at default value(00000) if your network infrastructure does not support this method of bandwidth management. This data uses case of MMC 841 ITP DSP PARA DOWN=PHONE DATA only. Default is all bits 0.
13	S/W VERSION	Display IP phone software version. This read only data.
14	S/W UPGRADE	This is used IP phone software upgrade request command. When this selects YES and press Right Soft button, the system requests to IP phone software upgrade with TFTP IP address.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to store data and advance to next MMC

ACTION

PROCEDURE   **DISPLAY**

1. Press TRSF 840
   Display shows

   ```
   [3201]USER  ID
   3201
   ```

2. Enter IP phone number via dial keypad.
   OR
   Press Volume button to make selection and
   press Right Soft button to move cursor

   ```
   [3210]USER  ID
   3210
   ```

3. Enter IP phone option number via dial keypad.
   OR
   Press Volume button to make selection and
   press Right Soft button to move cursor

   ```
   [3210]DSP TYPE
   G.729A
   ```

4. Enter option data via dial keypad.
   OR
   Press Volume button to make selection and
   press Right Soft button to save and return step 3.

   ```
   [3210]DSP TYPE
   G.711
   ```

5. Press Transfer button and enter to exit
    OR
    Press Speaker button to advance next MMC

DEFAULT DATA

SEE DESCRIPTION

RELATED ITEMS

MMC 615 MGI GROUP
MMC 616 FIXED MGI USER
MMC 830 ETHERNET PARAMETERS
MMC 835 MGI DSP OPTIONS
MMC 841 SYSTEM IP OPTIONS

841 System IP Options

This MMC provides various proprietary Samsung VoIP and IP integration options. The options set in this MMC are system-wide.

There 9 option categories are list :

No	Option	Description
0	PHONE VERSION	Sets running IP-based phone and new phone software version with the system. Defaults are 0000. 0 2 LINE ITP : 2 line LCD IP phone 1 LARGE ITP : Large LCD IP-based phone 2 2LINE ITP2 : line LCD IP-based phone 3 WIPM APPL : Wireless IP-based mobile phone software. 4 WIPM BOOT : Wireless IP-based mobile phone boot program.
1	PHONE TFTP IP	Sets phone software upgrade TFTP server IP address. Default is 0.0.0.0.
2	ITP REGISTRATION	Defines the method that IP-based phones use to registration themselves with the system. 0 TYPE : Defines the method that IP-based phones use to registration themselves with the system. Default is SYS PSWD. 0 SYS PSWD : System will authenticate the IP-based phones with the value contained within parameter ITP REGISTRATION : PSWD within this same MMC. 1 ITP PSWD : System will authenticate the IP-based phones according to entries made in MMC 840. 2 DISABLE : System will not authenticate IP-based phones at all. 1 PSWD : This is a system-wide password value used for registration of IP phones. Default is '1234'.
3	EASYSET OPTION	Sets EasySet link via LAN option with the system. 0 PSWD : This is a system-wide password value used for authentication of EasySet server. Default is '1234'. 1 ALIVE TIME : This is a EasySet link via LAN alive check timer. Default is 0 SEC.
4	CTI LINK OPTION	Sets CTI link via LAN option with the system. 0 SMDR REPORT : Sets YES or NO for SMDR data to CTI link via LAN. Default is NO 1 ALIVE TIME : This is a CTI link via LAN alive check timer. If this sets 0, the system will not check link alive. Default is 300 SEC.

No	Option	Description
5	ITP DSP PARA	Sets IP phone DSP parameter of system-wide. 0　FRAME CNT : This value determines the transmission interval time of VoIP packets generated by the IP phone. This data uses DOWN=SYS DATA case only on this MMC. The range is 10-40ms. Default is 10ms. 1　JITTER BUF : Decides the minimum time to consider delay for jitter adjustment. This data uses DOWN=SYS DATA case only on this MMC. The range is 10-90ms. Default is 20ms. 2　TOS : An eight-bit binary value that will be utilized by external routers, switches, etc(that optionally support TOS-bit prioritization)-to identify the transport-priority value of data packets generated by the IP phone. This value can be left at default value(00000) if your network infrastructure does not support this method of bandwidth management. This data uses case only on this MMC. Default is all bits 0. 3　DOWN : Determines data uses system-wide data or each phone data for IP-based phone DSP control. Default is SYS DATA. 　　0　SYS DATA : System-wide data will be used.(MMC 841 data) 　　1　PHONE DATA : Each phone data will be used. (MMC 840 data)
6	ITP TX GAIN	Sets IP-based phone TX gain value. Defaults are followed but depend on Country
7	ITP RX GAIN	Sets IP-based phone RX gain value. Defaults are followed but depend on Country
8	ITP VERS UPGRADE	Sets IP-based phone software upgrade option with the system. 0　TYPE : Sets IP-based phone software upgrade type. Default is MMC COMMAND. 　　0　MMC COMMAND : IP-based phone software upgrades manually in MMC 840. 　　1　PHONE CON : IP-based phone software upgrades automatically at phone connection. 　　2　AUTO TIME : IP-based phone software upgrades automatically at set time. 1　START TIME : IP-based phone software automatically upgrade start time. Default is 0000.(Disable) 2　INTERVAL : IP-based phone software automatically upgrade interval time. Default is 10 seconds.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 841
   Display shows the first available option

   ```
   PHONE VERSION
   LARGE DGP: 0000
   ```

2. Enter option category number(0-8) via dial
   keypad.
   Or press Volume button to make select and
   press Right Soft button to move cursor

   ```
   ITP REGISTRATION
   TYPE: SYS PSWD
   ```

3. Enter option number via dial keypad.
   OR
   Press Volume button to make select and
   press Right Soft button to move cursor

   ```
   ITP REGISTRATION
   PSWD: 1234
   ```

4. Enter option data
   OR
   Press Right Soft button to save and return step 3.

   ```
   ITP REGISTRATION
   PSWD: 8228
   ```

5. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

SEE DESCRIPTION

RELATED ITEMS

MMC 840 IP PHONE INFORMATION

845 WLAN Para

This MMC modifies the WLAN parameter.

Set the network configuration with the WLAN parameters, which are the SYSTEM ID, the System KEY, and the WBS24 and SIP related with WLAN call.

The system KEY is used internally to distinguish between systems when registering a terminal. The default value is '00000', but only when this value is modified to another value, an electric power will be supplied to the WBS24, thus enabling the use of the WLAN terminal, In addition, the System KEY serves as an identification ID when the WLAN terminal connects to the WBS24.

The default value of the SYSTEM ID, 'WBS24', must be modified to another value in order to use a multiple system in one area. The DNS setting for WLAN is additionally described in this menu.

Set the network configuration for WBS24 by setting the IP assignment, Netmask, and Gateway. These settings should be compatible with the Intranet since the network configuration setting is essential for data service. In addition, the RF frequency for WBS24 should be selected. Currently up to 14 frequencies may be selected.

Session Initiation Protocol(SIP) variables used for the WBS24(Basic) can be defined.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   **DISPLAY**

1. Press the Transfer button, and enter 845.

```
WLAN : SYSTEM ID
0000
```

```
845: WLAN PARA
SELECT PROG ID
```

2. Press the Speaker button to enter the select menu. When the cursor is at WLAN, press the [UP & DOWN] button and select WLAN, WBS, or SIP.

```
WLAN: SYSTEM ID
WBS24
```

3. Press the Soft button and move to the SYSTEM ID. When the cursor is below SYSTEM ID,

```
WLAN: SYSTEM ID
WBS24
```

press the [UP & DOWN] key and select
the setting menu for WLAN.

4. Set the items below at the WLAN menu.

SYSTEM ID : Use the Soft button to move the
cursor. Enter the new WLAN SYSTEM ID to
register.

```
WLAN: SYSTEM ID
WBS24
```

Press the Soft button and proceed to next register
status.

Register the DNS server(second) IP.

```
WLAN: 2 ND DNS IP
0.  0.  0.  0
```

Register the DNS server(first) IP.

```
WLAN: 1 ST DNS IP
0.  0.  0.  0
```

Register the SYSTEM KEY.

```
WLAN: SYSTEM KEY
00000
```

Select the voice codec. Select from the four,
G711u, G711, G726, and G729 CODEC.
Numbers are given from 1 to 4 based on priority.

```
WLAN: CODEC LIST
CODEC 1: G726
```

5. Set the items below at the WBS24 menu.
Register the WBS24 IP ADDRESS.

```
WBS1 : IP ADDR
0.  0.  0.  0
```

Register the WBS24 RF CHANNEL.

```
WBS1: RF CH.
1
```

Displays the WBS24 status.

```
WBS1: STATUS
OFF
```

Displays the WBS24 VERSION.

```
WBS1: VERSION
```

Displays the WBS24 MAC ADDRESS.

```
WBS1: MAC ADDR
0000 0000 0000
```

Register the WBS24 NET MASK.

```
WBS1: NET MASK
255.255.255.  0
```

Register the WBS24 GATEWAY.

```
WBS1: GATEWAY
0.  0.  0.  0
```

6. Set the items below at the menu.
   Register the RETRANS T1.
   The initial re-transmission time if no answer based on the RFC2543 specification. The range is 0-9900ms. Default is 500 ms.

```
SIP : RETRANS T1
000500MS
```

Register the RETRANS T2.
The maximum re-transmission time if no answer based on the RFC2543 specification. The range is 0-9900ms. Default is 4000ms.

```
SIP : RETRANS T2
004000MS
```

Register the RETRANS T4. The time the User Agent Server waits after receiving the ACK message. Based on the RFC2543 specification. The range is 0-9900ms. Default is 5000 ms.

```
SIP : RETRANS T4
004000MS
```

Register the GEN LINGER T. The server shall retransmit the response during this amount of time until the requested retransmission is received. For example, the wait time after sending 200 OK for INFO. The range is 0-99900ms. Default is 5000 ms.

```
SIP : GEN LINGER T
000000MS
```

Register the INV LINGER T. After the client sends ACK for the INVITE Final Response, the client cannot confirm if the server received the ACK message. The client waits for this amount of time after sending ACK for the Final Response. The range is 0-99900ms. Default is 5000 ms

Register the STOP GENNR T. Before sending Cancel for General Request, the User Agent shall wait for this amount of time. The range is 0-99900ms. Default is 5000 ms.

Register the STOP INVNR T. Before sending Cancel for the Invite Request, the User Agent shall wait for this amount of time. The range is 0-99900 ms. Default is 5000 ms.

```
SIP : STOP INVNR T
000000MS
```

Register the GEN REQ T. After sending General
Request, he User Agent shall wait for
the Final Response for this amount of time.
The range is 0-99900ms. Default is 5000 ms.

```
SIP : GEN REQ T
000000MS
```

Register the PROVIS TIME. After receiving the
Provision Response, the User Agent shall
wait for this amount of time until Timeout ends.
The range is 0-999900ms. Default is 180000ms

```
SIP : PROVIS TIME
180000MS
```

DEFAULT DATA

```
WLAN : SYSTEM ID → WBS24
WLAN : SYSTEM KEY → 0000
WLAN : 2 ND DNS → 0.  0.  0.  0
WLAN : 1ST DNS → 0.  0.  0.  0
WLAN : SYSTEM KEY → 34568
WLAN : CODEC LIST → G726
WLAN : VERSION

WBS001  : IP ADDR → 0.  0.  0.  0
WBS001  : RF CH. → 1
WBS001  : STATUS → OFF
WBS001  : VERSION
WBS001  : MAC ADDR → FFFF FFFF FFFF
WBS001  : NET MASK → 255.255.255.  0
WBS001  : GATEWAY → 0.  0.  0.  0

SIP  : RETRANS T1 → 000500MS
SIP  : RETRANS T2 → 0004000MS
SIP  : RETRANS T4 → 0005000 ms
SIP  : GEN LINGER T → 000000MS
SIP  : INV LINGER T → 32000MS
SIP  : STOP GENNR T → 000000MS
SIP  : STOP INVNR T → 000000MS
SIP  : GEN REQ T → 000000MS
SIP  : PROVIS TIME → 180000MS
```

RELATED ITEMS

MMC 846 WIP INFO(Station information)
MMC 847 WBS RESET
MMC 848 WLAN IP LIST(Station IP register)

846 WIP Info

This MMC sets up the WIP-5000M wireless terminal's information.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   DISPLAY

1. Press the Transfer button, and enter 846.

```
846: WIP INFO
SELECT PROG ID
```

2. Press the Speaker button to enter the select menu. When the cursor is at the phone number, press the [UP & DOWN] button and select the current phonenumber information. Press the Soft button and move to the information menu of each information menu, and select the setting menu.

```
[3301] REGIETERED
NO
```

3. Confirm the status of terminal register for each phone number.

```
[3301] REGIETERED
NO
```

4. Register the PASSWORD of terminal.

```
[3301] PASSWORD
0000
```

5. Register the USER ID of terminal.

```
[3301] USER ID
1212
```

6. Displays the MAC ADDRESS of the registered terminal.

```
[3301] MAC ADDR
```

7. Displays the IP ADDRESS of the registered terminal.

```
[3301] IP ADDRESS
```

8. Displays the IP OFFSET of the registered terminal.

```
[3301] IP OFFSET
```

9. Displays the WBS NUMBER of the registered terminal.

```
[3301] WBS NUMBER
```

10. Displays the WLI NUMBER of the registered terminal.(Currently, This is not used)

```
[3301] WLI NUMBER
```

11. Displays the PHONE TYPE of the registered terminal.

```
[3301] PHONE TYPE
```

12. Displays the location of the registered terminal.

```
[3301] LOCATED
NO
```

DEFAULT DATA

[3301] REGIETERED→NO
[3301] PASSWORD→0000
[3301] USER ID→1212
[3301] MAC ADDR
[3301] IP ADDRESS
[3301] IP OFFSET
[3301] WBS NUMBER
[3301] WLI NUMBER
[3301] PHONE TYPE
[3301] LOCATED→NO

RELATED ITEMS

MMC 847 WBS RESET
MMC 848 WLAN IP LIST
MMC 849 WLAN REGIST

847 WBS Reset

This MMC is used for rebooting the WBS24, by software or independently. This MMC is also used for initializing the WBS24.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   DISPLAY

1. Press the Transfer button, and enter 847.

```
847: WBS RESET
SELECT PROG ID
```

2. Press the Speaker button and enter the select menu. Press the Soft button and confirm initialization of WBS.

3. Press the Soft button, or press [1] to select YES, and the WBS will be initialized.

```
WBS RESET
RESET NOW ?   NO
```

DEFAULT DATA

NONE

RELATED ITEMS

MMC 846 WIP INFO
MMC 848 WLAN IP LIST
MMC 849 WLAN REGIST

848 WIP List

This MMC848 is used when viewing the IP list assigned to WLAN, or when creating a new IP list. Up to 100 IP lists may be entered. MMC848 command is used for setting the MAC address of data terminals to use wireless LAN.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   **DISPLAY**

1. Press the Transfer button, and enter 848..

```
848: WLAN LISTS
SELECT PROG ID
```

2. Press the Speaker button and enter the select menu. Press the Soft button to change the IP ADDRESS

```
IP: 001 USED
0. 0. 0. 0
```

3. Use the Soft button to position the cursor at an IP ADDRESS, and assign the IP ADDRESS by entering values of 0-255.

```
IP:001 USED
168.0.0.0
```

4. Numbers next to USED indicates the terminal number from which the IP ADDRESS was assigned.

```
IP:001 USED 3301
168.219.149.5
```

DEFAULT DATA

NONE

RELATED ITEMS

MMC 846 WIP INFO
MMC 847 WBS RESET
MMC 849 WLAN REGIST

849 WLAN Regist

This MMC is used to enable or disable the register of a WIP500M mobile phone within the WLAN. This MMC is also used to approve the WEP(Wired Equivalent Privacy) enabling function where the WLAN is encrypted. The WEP key, which must be used when WEP is enabled, can be configured with 16 characters or less. Also, the MMC is used to set MAC addresses in the data terminal in order to use the wireless LAN.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   DISPLAY

1. Press the Transfer button, and press 849.

```
849: WLAN REGIST
SELECT PROG ID
```

2. Press the Speaker button to enter the select menu. Enter the PASSCODE to activate the register.

```
ENTER PASSCODE
****
```

3. Select ENABLE to register the terminal to the REGISTER WLAN.

```
WLAN REGISTER
ENABLE
```

4. Select the WEP KEY setting when ENCRYPTION is selected.

```
WBS WEP SERVICE
DISABLE
```

5. Enter WEP KEY values when the WEP KEY is set.

```
WEP KEY
```

6. Can clear the register status for each terminal also.

```
WIP REGIST CLEAR
3301:FORCED
```

7. Press the Soft button in the IP to change or allocate a MAC address.

```
MAC LIST : 01
FFFFFFFFFFFF
```

DEFAULT DATA

NONE

RELATED ITEMS

MMC 846 WIP INFO
MMC 847 WBS RESET
MMC 848 WLAN IP LIST

850 System Resource Display

This MMC is only used for system resource display. This is displayed the used resources and the free resources. This is a READ ONLY MMC.

0 DTMFR DSP'S
1 CID DSP'S
2 CONF GROUP'S

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 850
    Display shows

```
DTMFR DSP'S
USE:000 FREE:012
```

2. Enter the option number(0-3)
    OR
    Press Volume button to select

```
CID DSP'S
USE:000 FREE:014
```

3. Press Transfer button and enter to exit
    OR
    Press Speaker button advance to next MMC

DEFAULT DATA

NONE

RELATED ITEMS

NONE

851 Alarm Reporting

This MMC is used to view, store, print or clear system alarms. There are two levels of faults displayed via alarm code, major alarms and minor alarms. Major alarms codes are usually service affecting and require a certified technician to determine the fault. A minor alarm indicates a fault that may or may not be service affecting and usually does not seriously degrade the systems operating capabilities. The alarm buffer will hold up to 100 alarms on a first in-first out(FIFO) basis. Alarms will provide a date and time stamp based on the system time. If applicable the hardware cabinet, port, and/or slot will be displayed.

ALARM REPORTING OPTIONS(Select one of the options)

No	Option	Description
0	VIEW ALARM	View alarm buffer
1	OVERFLOW CONTROL	Determines buffer control when buffer is full. Default is OVERWRITTEN. 0 OVERWRITTEN : When buffer is full, the oldest entry in buffer overwritten. 1 STOP RECORDING : When buffer is full, stop recording alarms.
3	CLEAR ALARM BUF	Clears alarm buffer.
4	PRINT ALARM BUF	Prints contents of alarm buffer to the assigned alarm IO port.

PROGRAM BUTTONS

- VOLUME   Used to scroll through system alarms.
- KEYPAD   Used to enter selections
- SOFT   Enter/leave option
- SPEAKER   Used to store data and move to next MMC
- TRANSFER Enter/exit MMC

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 851
   Display shows

```
SYS ALARM REPORT
VIEW ALARMS
```

2. Enter desired option
   OR
   Press Volume button to make selection and
   press Right Soft button to move cursor.

```
SYS ALARM REPORT
VIEW ALARMS
```

3. System displays the alarm count number, date
   and time stamp(uses station, configuration for
   display format, date, time will
   be 24 hour format). Alarm type and cause code
   will display.

```
[00] 02/18 14:30
MNF02 C1-S02
```

4. Press Volume button arrows to scroll through
   other alarms
   OR
   Press Right Soft button to return step 2.

```
SYS ALARM REPORT
VIEW ALARMS
```

5. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

MMC 852 SYSTEM ALARM ASSIGNMENTS

852 System Alarm Assignments

This MMC allows the assignment of system alarms to ring and display the alarms on stations that have the Alarm Key assigned. The System Alarm Key is programmed in Station Key Assignments(MMC 722). System Alarm key programming is tenant wide(tenant 1 and 2). Alarms not programmed to report to the System Alarm key will still be retained in the maintenance alarm buffer for Alarm Reporting(MMC 851). The alarm buffer will hold up to 100 alarms on a First In-First Out(FIFO) basis. Pressing the System Alarm key will silence the audible alarm until another alarm is generated by the system. The specific fault alarm data can be displayed via MMC 851 System Alarm Reporting.

> **NOTE**
>
> Alarm Notification Off/On(0/1) determines if the alarm provides a visual and audible notification to the System Alarm key station(s). Pressing the System Alarm key and the release key will silence the audible alarm only at the station that pressed the System Alarm key and the release key. See alarm displays table for assignments.

PROGRAM BUTTONS

- VOLUME   Used to scroll through system alarms.
- KEYPAD   Used to enter selections
- SOFT   Enter/leave option
- SPEAKER   Used to store data and move to next MMC
- TRANSFER   Enter/exit MMC

ACTION

PROCEDURE   **DISPLAY**

1. Press Transfer button and enter 852
   Display shows

   ```
   01:MJA01 ACT:OFF
   POR Restart
   ```

2. Enter desired Alarm Display number(e.g., 61)
   OR
   Press the Volume buttons to select desired
   option and press the Right Soft button and to
   advance the cursor.

   ```
   61:MNF01 ACT:OFF
   Card Out
   ```

3. To select if the alarm is active press 1 for
   YES and 0 for NO.

   ```
   61:MNF01 ACT:ON
   Card Out
   ```

An entry will advance the cursor to return to
step 2.
OR
Press the Volume buttons to make selection
and press the Right Soft button to save and
return step 2.

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

ALL OFF

RELATED ITEMS

MMC 501 SYSTEM TIMERS
MMC 722 STATION KEY ASSIGNMENT
MMC 723 SYSTEM WIDE KEY ASSIGNMENTS
MMC 851 SYSTEM ALARM REPORTING
MMC 853 MAINTENANCE BUSY

853 Maintenance Busy

This MMC is used to place stations, trunks, and common resources equipment in a maintenance busy condition. This can be used to isolate suspected intermittent problem equipment. Stations placed in maintenance busy will behave like a station in DND when called. The calling stations display(if equipped) will show 'MADE BUSY' when called. The station display will still function with station and date. When the busy station is accessed, it will function like a locked all station. Trunks made busy can not originate calls. Common resource equipment such as DSP's, CID DSP's and miscellaneous equipment such as page port or voice mail port can also be placed in a maintenance busy state.

MAINTENANCE BUSY OPTIONS

No	Option	Description
0	TRK	Trunks
1	STN	Stations
2	PAGE	Page Ports
3	DTMFR	DTMF Receiver(4/DSP)
4	CID	CID Receiver(14/DSP)
5	CONF	GRP #01-24
6	MGI	MGI ports

> **NOTE**
> In cases of DTMFR, CID or R2MFC DSP selection when DSP is not mounted display will show NONE. If mounted display will show IDLE by default.

PROGRAM BUTTONS

- VOLUME   Scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor or select option
- SPEAKER   Used to advance next MMC
- TRANSFER Exit

ACTION

PROCEDURE   **DISPLAY**

   1. Press Transfer button and enter 853

```
MAINTENANCE BUSY
TRK  :NONE→
```

      Display shows busy functions

   2. Enter busy function type(0-8) via dial keypad
      OR
      Press Volume button to make selection and press
      Right Soft button to move cursor

```
MAINTENANCE BUSY
STN  :NONE→
```

   3. Enter station number
      OR
      Press Volume button to make selection and press
      Right Soft button to move cursor

```
MAINTENANCE BUSY
STN  :201→IDLE
```

   4. Press 1 to make busy or 0 to make idle
      OR
      Press Volume button to make selection and press
      Right Soft button to save and return step 3.

```
MAINTENANCE BUSY
STN  :201→BUSY
```

   5. Press Transfer button and enter to exit Press
      Speaker button to advance the next MMC

DEFAULT DATA

ALL IDLE

RELATED ITEMS

MMC 851 ALARM REPORTING
MMC 852 ALARM KEY ASSIGNMENTS

856 Tech Programming Logs

This MMC lists the date, time and entry location of the last eight times that technician programming was accessed. This will allow a technician to determine if there was unauthorised access to system programming and where this access occurred. The information stored in this log will consist of 2 elements, the date and time it occurred at and the access location.

There are 2 types of access location information as described below :

Type	Description
NNNN	This would be the extension number of a phone that had accessed programming directly.
LAN	This would indicate that programming was accessed by PCMMC via the LAN connection on the Motherboard.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SOFT   Move cursor left and right
- SPEAKER   Used to advance next MMC
- HOLD   Used to clear previous entry

ACTION

PROCEDURE

DISPLAY

1. Press Transfer button and enter 856
   Display shows

```
(1) 11/22 11:03→ 201
:11/22 11:27
```

2. Enter index number(e.g., 3)
   OR
   Press Volume button to scroll

```
(3) 11/22 12:30→
203 :11/22 13:30
```

3. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

PROGRAMMING

858 Assign System Emergency Alarm

Assigns the alarm for alarm information to send Remote M&A PC via LAN.

PROGRAM BUTTONS

- VOLUME   Used to scroll through options
- KEYPAD   Used to enter selections
- SPEAKER   Used to advance next MMC

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 858
   Display shows

   ```
   01:MJA01 ACT:OFF
   POR Restart
   ```

2. Enter the alarm entry number
   OR
   Press Volume button to make selection and press
   Right Soft button to move cursor

   ```
   02:MJA02 ACT:OFF
   Soft Restart
   ```

3. Enter YES or NO (1, 0) for alarming
   OR
   Press Volume button to make selection and press
   Right Soft button to save and return step 2

   ```
   02:MJA02 ACT:ON
   Soft Restart
   ```

4. Press Transfer button and enter to exit
   OR
   Press Speaker button advance to next MMC

DEFAULT DATA

All OFF

RELATED ITEMS

MMC 852 ALARM KEY ASSIGNMENTS

861 System Options

This MMC is set to system miscellaneous options.

No	Option	Description
0	AUTO UPDATE TIME	Sets enable(1) or disable(0) the system automatically time and date update form ISDN call connection message. If sets enable, when system receives ISDN call connection message, system checks valid data of encapsulated time and date, and update system time and date device.
1	SYSTEM SPPED BIN	Sets max 500(0) or max 950(1) the maximum number of system speed dial bin. If sets 500 then same in previous system. If sets 950, can assign system speed dial block is up to 950 bins and speed dial bin numbers always 3 digits(000 to 999). Even if station speed dial bin numbers are 3 digits(000 to 049).

PROGRAM BUTTONS

- VOLUME   Used to scroll through system alarms.
- KEYPAD   Used to enter selections
- SOFT   Enter/leave option
- SPEAKER   Used to store data and move to next MMC
- TRANSFER   Enter/exit MMC

ACTION

PROCEDURE   DISPLAY

1. Press Transfer button and enter 861
   Display shows

   ```
   AUTO UPDATE TIME
   DISABLE
   ```

2. Enter the option number
   OR
   Press Volume button to make selection and
   press Right Soft button to move cursor

   ```
   AUTO UPDATE TIME
   DISABLE
   ```

3. Enter 1 or 0 for option data select
   OR
   Press Volume button to make selection and
   press Right Soft button to move cursor

   ```
   AUTO UPDATE TIME
   ENABLE
   ```

4. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

AUTO UPDATE TIME : DISABLE
SYSTEM SPEED BIN : MAX 500

RELATED ITEMS

MMC 505 ASSIGN TIME AND DATE
MMC 606 ASSING SPEED DIAL BLOCK
MMC 107 KEY EXTENDER
MMC 705 SYSTEM SPEED DIAL
MMC 706 SYSTEM SPEED DIAL BY NAME
MMC 722 STATION KEY PROGRAMMING
MMC 723 SYSTEM KEY PROGRAMMING

890 Initialize Port

This program allows you to initialize items related to call process or DB for specific station or Trunk line. This will return the port to default condition.

PROGRAM BUTTONS

- VOLUME   Used to scroll through system alarms.
- KEYPAD   Used to enter selections
- SOFT   Enter/leave option
- SPEAKER   Used to store data and move to next MMC
- TRANSFER   Enter/exit MMC

ACTION

PROCEDURE	DISPLAY

1. Press Transfer button and enter 890
   Display shows

   ```
   [201] CALL CLEAR
   ARE YOU SURE?NO
   ```

2. Enter the station or Trunk line
   OR
   Press Volume button to make selection and press the Right Soft button to move cursor.

   ```
   [202] CALL CLEAR
   ARE YOU SURE?NO
   ```

3. Enter 0 to call clear only or 1 to initialize port
   OR
   Press Volume button to make selection and press the Right Soft button to move cursor.

   ```
   [202] DB INITIAL
   ARE YOU SURE?NO
   ```

4. Enter 1 for YES or 0 for NO
   OR
   Press Volume button to make selection and press the Right Soft button to save and return step 2.

   ```
   [202] DB INITIAL
   ARE YOU SURE?YES
   ```

5. Press Transfer button and enter to exit
   OR
   Press Speaker button to advance next MMC

DEFAULT DATA

NONE

RELATED ITEMS

NONE

ABBREVIATION

A

AA	Auto Attendant
AC	Analog Current
AOM	Add On Module
AP	Access Point
AT	Audio Tex

B

BC	Bearer Capability
BRI	Basic Rate Interface

C

CA	Call Agent
CID	Caller ID
CLI	Calling Line Identification
CLIP	Calling Line Identification Presentation
CO	Central Office
CODEC	Coder/Decoder
COM	Communication
COS	Class Of Service
CTI	Computer Telephony Integration

D

DCS	Digital Communication System
DECT	Digital Enhanced Cordless Telecommunications
DGP	Digital Phone
DID	Direct Inward Dialing
DISA	Direct Inward System Access
DLI	Digital Line Interface
DND	Do Not Disturb
DPIM	Door Phone Interface Module
DSP	Digital Signal Processor
DTMF	Dual Tone Multi-Frequency

F

FIFO	First In-First Out

G

GK	Gatekeeper

H

HLC	High Layer Capability

I

ID	Identification
IP	Internet Protocol
ISDN	Integrated Services Digital Network
ITP	IP Telephone

K

KDB	Keyset Daughter Board

L

LAN	Local Area Network
LCD	Liquid Crystal Display
LCP	Local Control Processor
LCR	Least Cost Routing
LED	Light Emitting Diode

M

MGI	Media Gateway Interface
MMC	Man Machine Command
MP	Metering Pulse
MPD	Metering Pulse Detection
MOH	Music On Hold
MSN	Monitoring cell Sequence Number, or Multiple Subscriber Number

O

OHVA	Off-hook Voice Announce

P

PBX	Private Branch eXchange
PCMMC	PC based Man Machine Communication
PRI	Primary Rate Interface
PRS	Polarity Reverse Detection
PSTN	Public Switched Telephone Network

Q

Q-SIG	Q-Signaling
QoS	Quality of Service

R

RAS	Registration, Admissions and Status signaling

S

SCP	Switch Control Processor
SIO	Serial Input and Output
SLI	Single Line Interface
SLT	Single Line Telephone
FMDB	Smart Media card Data Base
SMDR	Station Message Detail Recording
SOHO	Small Office Home Office

T

TEPRI	T1 E1 PRI
TRK	TrunK

U

UA	User Agent, or Universal Answer
UCD	Uniform Call Distribution

V

VoIP	Voice over Internet Protocol
VM	Voice Mail
VMS	Voice Mail System

W

WLAN	Wireless Local Area Network
WLI	Wireless LAN Interface

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OfficeServ 12

Programming Guide