iPECS-MG

Administration & Programming Manual

Please read this manual carefully before operating System.
Retain it for future reference.

iPECS is an Ericsson-LG Brand

ERICSSON | LG

Regulatory Information

Before connecting the iPECS-MG to the telephone network, you may be required to notify your local serving telephone company of your intention to use “customer provided equipment”. You may further be required to provide any or all of the following information:

PSTN line Telephone numbers to be connected to the system.

Model name	iPECS–MG
Local regulatory agency registration number	locally provided
Ringer equivalence	1.0
Registered jack	RJ–45

The required regulatory agency registration number is available from your local representative of Ericsson-LG Enterprise. This equipment complies with the following regulatory standards, TBR21. Also, this equipment complies with the safety requirements of EN60950-1, EN55022 and EN55024.

If the telephone company determines that customer provided equipment is faulty and may possibly cause harm or interruption in service to the telephone network, it should be disconnected until repair can be affected. If this is not done, the telephone company may temporarily disconnect service.

The local telephone company may make changes in its communications facilities or procedures. If these changes could reasonably be expected to affect the use of the iPECS-MG or compatibility with the network, the telephone company is required to give advanced written notice to the user, allowing the user to take appropriate steps to maintain telephone service.

The iPECS-MG complies with rules regarding radiation and radio frequency emission as defined by local regulatory agencies. In accordance with these agencies, you may be required to provide information such as the following to the end user.

WARNING

“This equipment generates and uses R.F. energy, and if not installed and used in accordance with the Instruction Manual, it may cause interference to radio communications. It has been tested and found to comply with the appropriate limits for a telecommunication device. The limits are designed to provide reasonable protection against such interference, when operated in a commercial environment. Operation of this equipment in a residential area could cause interference, in which case the user, at his own expense, will be required to take whatever measures may be required to correct the interference.”

Revision History

ISSUE	DATE	DESCRIPTION OF CHANGES
1.0	2009.12	Initial Release
1.5A	2010. 06	Update for iPECS-MG S/W V1.5 Table 2.3.1.1-2 Nation Codes updated Table 2.3.2.4-1 Feature Code updated Section 2.3.2.7 ACD Group Number added PGM 121 btn 10 added for gain table index PGM 161 btn 9 added for gain table index PGM 165 btn 5 added for ISDN Progress indicator option PGM 180 btn 7,8,9 added for ARS service Table 2.3.5.2-1 Station Group Attribute updated Section 2.3.5.12 ACD Group added Section 2.3.5.13 ACD Group Attribute added Section 2.3.5.14 ACD Group Announcement added Table 2.3.5.2-1 Station Group Attribute updated Table 2.3.8.2-1 Night Attendant Group Greeting/Queuing updated PGM 277 btn 7,8,9 added for Night Attendant Group Attr. PGM 281 btn 8 added for CDR prefix unmatch option Section 2.3.9.4 Reset Board added
1.5B	2010. 09	Update for iPECS-MG S/W V1.5 (General edits for errata) Section 2.3.1.2 Slot Assignment updated Section 2.3.3.11 Station Mobile Phone Attribute updated Table 2.3.6.2-1 System Attribute (PGM223) updated Table 2.3.6.9-1 SMDR Attributes (PGM232) updated Table 2.3.7.5-1 Weekly Time Table (PGM254) updated Table 2.3.7.10-1 Announcement Table Attributes updated Table 2.3.7.15-1 Ring Table (PGM265) updated Section 2.3.12.2 H.323 Call Setup Info updated Section 2.3.14 DECT Data added Table 2.3.15.1-1 Initialize Database (PGM 499) updated
1.7A	2011.03	Update for iPECS-MG S/W V1.7 Section 2.3.3.5 Station Number Attributes Section 2.3.3.12 Station New VMIB Attribute (PGM 147) added Table 2.3.3.12 1 Station New VMIB Attribute (PGM 147) added Section 2.3.6.18 VM COS Attribute (PGM 243) added Table 2.3.6.18-1 VM COS ATTRIBUTE (PGM 243) added Section 2.3.6.19 System Alt Reroute Dest (PGM 244) added Table 2.3.6.19-1 System Alt Dest (PGM 244) added Section 2.3.7.11 CCR Table (PGM 260) update Table 2.3.7.11 1 CCR Table Attributes (PGM 260) updated Table 2.3.7.12 1 ICLID TABLE (PGM 262) updated Section 2.3.7.16 ICLID Exception Table – PGM Code 267 added Section 2.3.4.1 CO Attribute

ISSUE	DATE	DESCRIPTION OF CHANGES
1.7A	2011. 03	Section 2.3.7.16 R2 Signal Group Table Section 2.3.16 Hotel Data Section 2.3.16.1 Hotel General Info Table 2.3.16.1-1 Hotel General Info (PGM500) updated Table 2.3.16.1-1a LCD Language Selection updated Section 2.3.16.2 Hotel Additional Info Table 2.3.16.2-1 Hotel Additional (PGM501) updated Section 2.3.16.3 Hotel Station Info Table 2.3.16.3-1 Hotel Station Info (PGM502) updated Section 2.3.16.4 Rate For Room Class Section 2.3.16.5 Call Charge Rate Section 2.3.16.6 MiniBar List Section 2.3.16.7 Tax Rate For Bill Section 2.3.16.8 Fee For Part Time Section 2.3.16.9 One Digit Service Table 2.3.16.9-1 One Digit Service (PGM508) updated
2.0	2011. 10	Update for iPECS-MG S/W V2.0 Table 1.1-1 System Capacity Chart updated Chapter 1.4.1 Table updated Table 2.3.1.2-2 Board Type Code Updated Chapter 2.3.1.6 DTIM/SLTM/MAIM Registration Table updated Table 2.3.1.6-1 DTIM/SLTM/MAIM Registration Table updated chapter 2.3.2.4 Feature Numbering Plan updated Table 2.3.2.4-1 Feature code (PGM 113) updated Table 2.3.3.2-1 Station Attributes I (PGM 121) updated Table 2.3.3.2-4 Station Attributes III (PGM 123) updated Table 2.3.3.5-2 Station Number Attributes II (PGM 132) updated Table 2.3.3.5-4 Station Number Attributes IV (PGM 134) updated Chapter 2.3.3.6 Station Private CO Group Attributes added Table 2.3.3.9-1 Station Preset Call Forward (PGM 142) updated Table 2.3.3.11-1 Station VMIB Attribute (PGM 145) updated Table 2.3.3.13-1 Station New VMIB Attributes (PGM 147) updated Table 2.3.4.1-1 CO Line Attributes I (PGM 160) updated Table 2.3.4.1-2 CO Line Attributes II (PGM 161) updated Table 2.3.4.2-1 CO CID Attributes (PGM 163) updated Table 2.3.4.3-1 CO Incoming Attributes I (PGM 165) updated Table 2.3.4.7-1 CO Outgoing Attributes I (PGM 170) updated Table 2.3.4.7-2 CO Outgoing Attributes II (PGM 171) updated Table 2.3.4.13-1 CO Group Access Code Attributes (PGM 180) updated Chapter 2.3.4.15 CO MAIM Attribute - PGM Code 182 added Table 2.3.5.2-1 Station Group Attributes (PGM 201) updated Table 2.3.5.13-1 ACD Group Attribute I (PGM 213) updated Table 2.3.6.1-1 System Timers I (PGM 220) updated Table 2.3.6.1-3 System Timers III (PGM 222) updated Table 2.3.6.2-1 System Attributes (PGM 223) updated Chapter 2.3.6.8 Serial Port Function Selections - PGM 231 updated Table 2.3.6.9-1 SMDR Attributes (PGM 232) updated Table 2.3.6.11-1 Button LED Flash Rate (PGM 234) updated Table 2.3.6.14-1 One-Digit Service Attributes (PGM 237) updated Chapter 2.3.6.15 SMDR Cost Attributes - PGM Code 238 added Table 2.3.6.19-1 VM COS Attribute (PGM 243) updated
2.1	2012. 12	Changed CI to Ericsson-LG
2.2	2013. 12	Updated for iPECS-MG S/W V2.5 and Changed CI to Ericsson-LG Enterprise -CO Incoming Attribute I, II – PGM Codes 165 – 166 -Tenant Attributes – PGM Codes 280 – 281

Table of Contents

1. INTRODUCTION

1.1 Manual Application

This manual provides detailed information on the database management of the iPECS-MG systems. The iPECS-MG Series is available in several configurations as listed in Table 1.1-1.

Table 1.1-1 System Capacity Chart

ITEMS	iPECS-MG 100	iPECS-MG 300
Rack No.	2	3
Slot No. per Rack	6	6
Total Port (Extension + CO line)	200	414 (if IP Phone/DECT not included)
		564 (if IP Phone/DECT included)
Number of extension Port	120	324
Number of extension	180 (Ext 120 + DN 60)	648 (324 × 2)
Number of CO Line	60	240
Number of Tenant Group	5	9
Numbering Plan	Extension: 8 Digits	
	Feature: 8 Digits	
	CO Group Access: 8 Digits	
Attendant	5/Tenant	
DSS/BLF Console	5	
Conference Members	3 groups/ 13 members	
Internal Page zone	15	30
System Speed Dial	1000 (32 digits)	2000 (32 digits)
Station Speed Dial	50 per station (32 digits)	
Call Log (Outgoing/Incoming/ Missed Call)	100 (32 digits, not protected)	
Save Number Redial (SNR)	1 (32 digits)	
Number of SMDR Records	20000	
Authorization Code	Max. 12 Digits 120: Extension 80: DN	Max. 12 Digits 324: Extension 324: DN
CO Group No	24	72
Station Group	20 (50 member/Group)	50 (50 member/Group)
Pickup Group	20 (100 member/Group)	50 (100 member/Group)
Command Call Group	10 (12 member + 1 initiator/Group)	

Table 1.1-1 System Capacity Chart

ITEMS	iPECS−MG 100	iPECS−MG 300
Interphone Group	10 (10 member/Group)	
Page Group	15 (50 member/Group)	30 (50 member/Group)
PTT Group	10 (50 member/Group)	
ACD Group	20 (50 member/Group)	50 (50 member/Group)
Conference Room	9	
Number of Hot Desk Agent	60	324
Station Name Information	16 Characters	
Digit Restriction	COS: 16	
	Allow/Deny Entry per COS: 100	
	Max. Digit: 16	
Digit Translation	Table No: 5	
	Number of Digit: 16	
	300 per 1 table	

1.2 General

iPECS-MG can be programmed to meet each customer's individual needs. System programming may be accomplished by entering the "**PROGRAM MODE**" at an assigned Admin. Station or using the Web Admin. (refer to ***iPECS-MG Web Administration Manual***). This section provides general information. Other sections include:

- Section 2 – provides a description for data entry using the Admin Station.

NOTE

Some parameters are available through Web Admin and not the Keyset Admin.

- Section 3.1−3.4 – provides an index to database entries, default value charts for the Flexible Numbering Plan, Fixed Function dial−codes and the entire database. Indices and charts are helpful references when entering data into the system database.

1.3 Initialization

When power is applied to the system or the MPB Reset button is pressed, the system will initiate the “Power-up” routine. During the Power-Up routine the system will check the database default switch (1st position of the MPB DIP-switch), refer to the ***iPECS-MG Hardware Description and Installation Manual*** Section 4.2.1.2. If the switch is in the ON position, the system will perform a simple Power-Up routine; clear all scratch-pad memory, load run-time programs, establish communications with each registered boards and iPECS DTIM/SLTM gateway Module and iPECS terminal, send RESTART commands and load appropriate settings to the Modules and terminals. If a Module or terminal does not respond after several attempts, the system places the device in an out-of-service mode but maintains the database settings. Once the Power-up routine is complete, the system will conduct normal operations.

If the database default switch is in the OFF position, in place of the Power-Up routine, the system will perform the full Initialization procedure. The initialization procedure will set the system database except DECT registration data to default values, refer to Section 3.4. Once initialization is complete, set database default switch to the ON position to protect the database.

1.4 Program Menu Structure

Database Administration is accomplished by entering “**PROGRAM CODES**” from the dial pad of a phone or selecting an item from the Navigation pane in the Web Admin (refer to ***iPECS-MG Web Administration Manual***).

Data items are organized as a group with a common affect, i.e. station, system, numbering plan, etc. as shown in the following Table.

1.4.1 Administration Table

ADMINISTRATION	MENU
PRE−PROGRAMMED DATA	Location Program(100)
	Slot Assignment(101)
	Logical Slot Assignment(103)
	DECT/IP/SIP Max Port(104)
	IP−Phone Registration(106)
	DTIM/SLTM Registration(107)
	IP Address Plan(108–109)

ADMINISTRATION	MENU
NUMBERING PLAN	Numbering Plan Type(110)
	System Numbering Plan(111)
	Flexible Station Number(112)
	Feature Numbering Plan(113)
	CO Group Access Code(114)
	Station Group Number(115)
	ACD Group Number(118)
STATION PORT DATA	Station Type(120)
	Station Port Attribute(121–124)
	Flexible Button Assignment (126)
	CTI IP Address (Web Only)
STATION NUMBER DATA	Station DN Assignment(130)
	Station DN Attribute(131~135)
	COS Assignment(137)
	Auto Dial Attribute(138)
	Preset Call Forward(142)
	Call Forward(143)
	VMIB Attribute(145, 147)
	Mobile Extension Attribute(146)
	CO/IP Group Access(150)
	Page Group Access(151)
	Command Group Access(152)
	Station Name Display (Web Only)
	Prepaid Money Input (Web Only)
CO LINE DATA	CO Line Attribute(160–163)
	Incoming CO ATTR(165–166)
	CO Ring Assignment(167)
	Normal/DISA CO ATTR(168)
	Incoming CO Alternative(169)
	Outgoing CO ATTR(170–171)
	Outgoing CO Alternative(173)
	CO Inter-Digit Timer(174)
	DTMF Send Interval(175)
	CO COS Assignment(177)
	CO-to-CO Attribute(179)
	CO Group Access Code(180)
	Alternative Ring Table(181)
	CO MATM Attribute(182)

ADMINISTRATION	MENU
STATION GROUP DATA	Station Group Assign(200)
	Station Group Attribute(201~202)
	Voice Mail Group(203)
	Call Pick-Up Group(204)
	Page Group(205)
	Command Conference Group(206)
	PTT Group(208)
	Interphone Group(209)
	Pilot Hunt Group(210–211)
	ACD Group Assignment(212)
	ACD Group Attribute(213~214)
	ACD Group Announcement(215)
	ACD Agent State & Priority (Web Only)
SYSTEM DATA	System Timer(220–222)
	System Attribute(223)
	System Password(226)
	Alarm Attribute(227)
	External Control Contact(228)
	Music Source(229)
	RS-232 Setting(230)
	Serial Port Selection(231)
	SMDR Attribute(232, 238)
	System Date & Time(233)
	LED Flashing Rate(234)
	PPP Attribute(235)
	Mobile Attribute (236)
	Intercom Busy Digit(237)
	Dial-Tone Digit Table(240)
	Executive/Secretary Assign(241)
	Executive Access(242)
	VM COS Attributes (243)
	System Reroute Table (244)
	PPTP Attribute (Web Only)
	Web Access Authorization (Web Only)

ADMINISTRATION	MENU
TABLE DATA	Toll Exception Table(250)
	Digit Conv Table(251–252)
	System Time Table(253–254)
	LCR Time Table(255)
	Holiday Time Table(256)
	System Speed Dial(257)
	Emergency Code Table(258)
	Announcement Table(259)
	CCR Table(260)
	Auth Code Table (261)
	ICLID Table(262)
	CLI Conversion Table(263)
	Tone Frequency/Cadence(264)
	Ring Table(265)
	Ring Frequency/Cadence(266)
	ICLID Exception Table(267)
	R2 Signal Group (268)
	Voice Mail Dial Table(269)
	Virtual CLI Table (750)
	Virtual Subscriber Table (751)
TENANT DATA	Attendant Group Assignment(270)
	Attendant Group Attributes(271~272)
	Night Group Assign(275)
	Night Group Attributes(276~277)
	Tenant Attribute(280–281)
	Tenant Group Access(283)
	CO Call Restriction(284–285)
	Local Call Prefix Table(286)
	Long Call Prefix Table(287)
	International Call Prefix(288)
	Mobile Call Prefix(289)
	Tone Table(290)
BOARD DATA	ISDN/Digital Board Attribute(300)
	ISDN Clock Priority(301)
	VOIB/VMIB Board ATTR(305)
	Reset Board(310)
VOICE NETWORK	Networking Attributes(320)
	Networking Numbering(321)
T-NET DATA	T-Net Attribute(330)
	CM Attribute(331)
	FoPSTN Attribute(333)
	T-Net Board Attribute(334)
	IP-Phone T-Net Enable(335)

ADMINISTRATION	MENU
H.323 DATA	H.323 Routing Attribute(360)
	H.323 Call Attribute(361)
	H.323 Incoming Attr(362)
	GK Attribute(363)
	H.323 Check Message Info(364)
SIP CO Data (Web Only)	SIP CO Basic Registration
	SIP CO Additional Registration
	SIP CO Codec
	SIP CO User ID Table
SIP STATION DATA (Web Only)	SIP STA Basic Registration
	SIP STA Additional Registration
	SIP Station Service
ZONE DATA (Web Only)	Zone Attribute
	Zone RTP Relay Group
	Inter Zone Attribute
	Station Zone Attribute
SNMP DATA (Web Only)	SNMP Data
DECT DATA	DECT Registration(0#)
	DECT Attribute(491)
GREEN MODE	Green Mode Activation (492)
	Green Mode Time Setting (493)
INITIALIZATION	Initialization(499)
HOTEL DATA	Hotel General Info(500)
	Hotel Additional Info(501)
	Hotel Station Attribute(502)
	Rate For Room Class(503)
	Call Charge Rate(504)
	Bar/MiniBar List(505)
	Tax Rate For Bill(506)
	Fee For Part Time(507)
	Dial One Digit Service(508)
	Check In/Out (Web Only)
	Display Room Charge (Web Only)
	Bar Cost Charge (Web Only)

1.4.2 S/W Upgrade

S/W Upgrade (Web Only)
File Upload
G/W Upgrade
Upgrade Process View
VMIB Prompt Upgrade
AAFU System Greeting Up & Download
BASE Upgrade

1.4.3 System Management

SYSTEM MANAGEMENT	MENU
DATABASE	Database Download
	Database Upload
SMDR	SMDR
TEXT DATABASE	Text Database Download
	Text Database Upload
FILE SYSTEM	File View & Delete
	File System Information
TRACE	Ping Test
	MPB Log View
	System Log View
	GW & Devices Log View
	Http Log View
	Dip Switch Status
	CO Line Status
	Station Status
	SLT Line Monitor
	System KSU Status
GAIN&CADENCE CONTROL	TDM Gain(400–407)
	DSP Gain(415)
	RTP Gain(42x–43x)
	SLT Ring Cadence(440)
	ACNR Tone Cadence(441)
APPLIANCES CONTROL	Lock Key Install
DECT STATISTICS FEATURE	DECT Statistics
VOICE MAIL DELETE	Voice Mail Delete

1.5 Admin Programming Preparation

The following Figure 1.5-1 is provided as a reference during Admin Programming. It displays the LDP-7024D buttons commonly used for programming the System. A more detailed description of these buttons is included in the **LDP User Guide.**

NOTE

All programming should be done at the first Station (Station 100) using KD-36D, LKD-30/44, LDP-7024D, LIP-6000, LIP-7000 or LIP-8024 telephone with more 24 buttons.

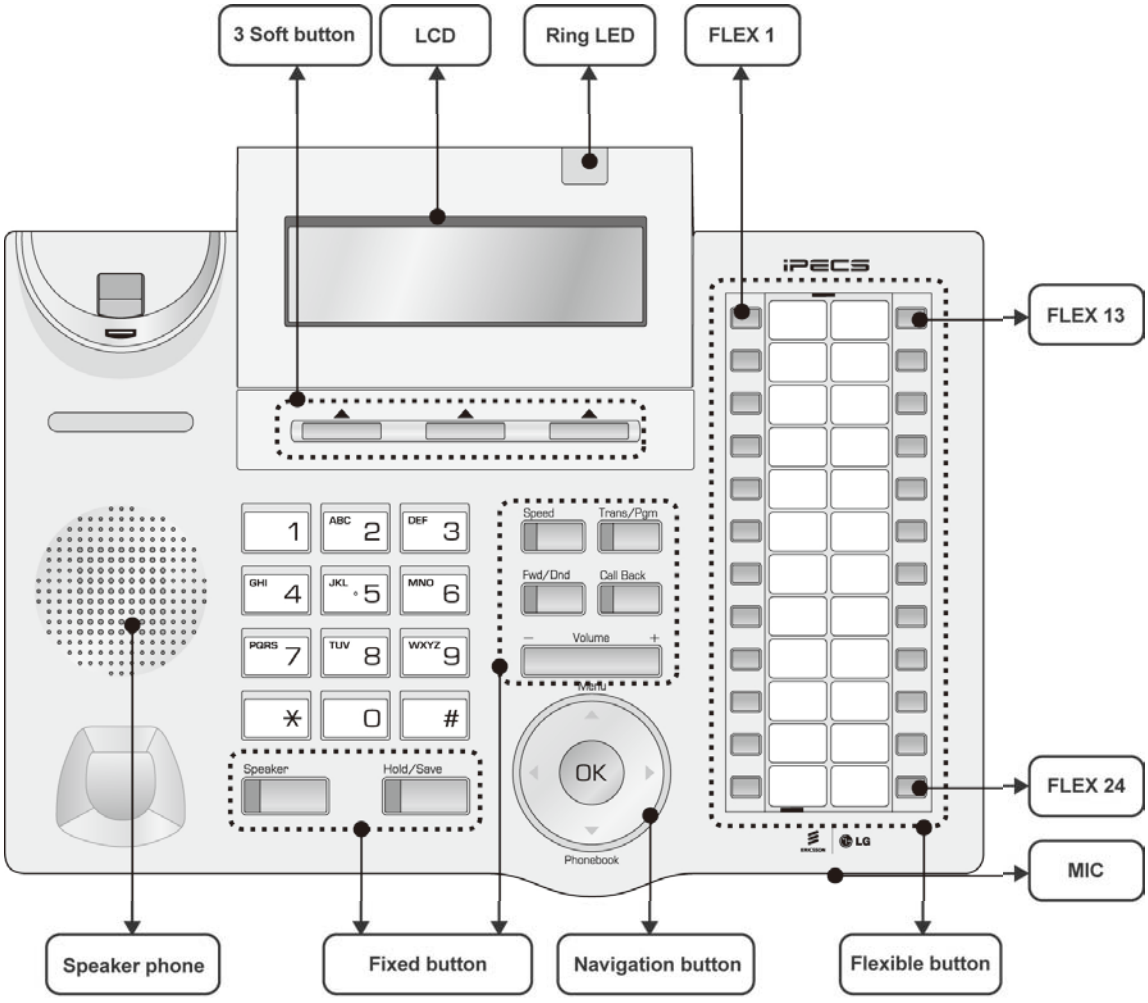

Figure 1.5-1 Keyset Button Diagram

2. STATION ADMIN PROGRAMMING

2.1 General

2.1.1 LCD & Button Functions

While in the **PROGRAM MODE**, the Liquid Crystal Display (LCD) and Flex button LEDs of an Admin Station are used to guide and indicate status of the feature. The dial-pad is most often used to enter data after selecting a data item using the Flex buttons. In some cases, pressing a Flex button will toggle the entry with the Flex button LED indicating the status (ON/OFF).

For **PROGRAM CODES** with multiple Flex button selections, the volume controls (**[VOL UP]** and **[VOL DOWN]** buttons) may be used to select the next or previous item. The **[SPEED]** button is generally employed as a delete button to erase existing entries however, where noted, it may be used to confirm a range input. Pressing the **[CONF]** button will return the screen to the 1st step of the data entry procedure for the **PROGRAM CODE** without storing unsaved entries.

The **[SAVE]** button is used to store data after entry. If there are no conflicts in the entered data, confirmation tone will be received and the data stored. If a conflict exists, error tone is provided and newly entered data are not saved. Generally, corrected data may be entered and stored without restarting the entry procedure from the 1st step.

2.1.2 Alphanumeric Data Entries

In some cases, an alphanumeric entry is required. Two (2) dial-pad digits represent each character of an alphanumeric entry, as shown in Table 2.1.2-1 below. Use the Table to determine the two digits that must be entered from the dial-pad for each character.

Table 2.1.2-1 ALPHANUMERIC DIAL-PAD ENTRIES

Q – 11 Z – 12 . – 13 1 – 10	A – 21 B – 22 C – 23 2 – 20	D – 31 E – 32 F – 33 3 – 30
G – 41 H – 42 I – 43 4 – 40	J – 51 K – 52 L – 53 5 – 50	M – 61 N – 62 O – 63 6 – 60
P – 71 R – 72 S – 73 Q – 7* 7 – 70	T – 81 U – 82 V – 83 8 – 80	W – 91 X – 92 Y – 93 Z – 9# 9 – 90
Blank – *1 : – *2 , – *3	0–00	#

2.1.3 Required Data Entries

During initialization a default database is established, refer to Section 1.3 and Section 3.1-3.4. However, there are several data entries, which MUST be completed to assure proper operation of the system. The system employs the Country Code, refer to Section 2.3.1.1, to establish tone and gain plans specific to the country. Also, the MPB IP address, sub-net mask and Router IP address, refer to Section 2.3.1.7, must be assigned for proper external IP call operation and WAN access as well as remote Web Admin access.

2.2 Data Entry Mode

All data entry is accomplished from an Admin Station or station assigned for data entry (Station Port Attributes I (PGM CODE 121, Flex button 5). After DB initialization, Station 100 (Station port #01) may access the system database. In addition, as default, there is no Station Admin password defined. To enter the **PROGRAM MODE**, from the Admin Station follow the procedure below. In the left column of the chart are the LCD displays and in the right column are step-by-step instructions to modify database items.

PROCEDURE:	
STATION 100 (T) 26 AUG 11 04: 00 PM	1. Press the **[PGM]** button. Dial '*' and '#'.
ENTER ADMIN PASSWORD	2. Enter the Admin password. Confirmation tone is heard.
ADMIN PROGRAM START	
ENTER PGM NUMBER	3. To select a program, use the instructions in the following sections, starting with "Press the **[PGM]** button" and dial the specified Admin **PROGRAM CODE**.

2.3 Procedures For Data Entry

The following sections provide specific instructions for entering data from the Admin Station once in the **PROGRAM MODE**. Each section provides descriptive information, step-by-step instructions and Tables for determining appropriate entries.

2.3.1 Pre−Programmed Data – PGM Codes 100 – 109

2.3.1.1 Location Program – PGM Code 100

Under Location Program, the country is identified using the international dial codes (COUNTRY CODE). If the Country Code requires changing, the system must be initialized to restructure memory and create the country specific defaults, gain, frequencies and other system characteristics specific to the country and regional regulatory requirements.

To change the Country Code:

1. Set the 1st MPB switch to the OFF position,
2. Follow the procedure below to modify the Country Code,
3. Reset the system with Power OFF/ON, pressing Reset button, or pressing **[PGM]** 499 / Flex 2 **[SAVE]**.
4. Set the 1st MPB switch to the ON position.

A twenty-four (24) character SITE NAME is also defined in this program. The SITE NAME is primarily useful for the installer/programmer as a reference to the customer.

PROCEDURE:	
LOCATION PROGRAM PRESS FLEX KEY (1–2)	1. Press the **[PGM]** button and dial 100.
See table 2.3.1.1–1 DISPLAY	2. Select the desired Flex button (1–2), refer to Table 2.3.1.1−1. For COUNTRY CODE, refer to Table 2.3.1.1−2 for appropriate entries.
	3. Use the dial–pad to enter desired data. For System Reset, press **[PGM]** 499 / Flex 2, press **[SAVE]** to reset the System to default.
	4. To store the location data press the **[SAVE]** button.

Table 2.3.1.1-1 LOCATION PROGRAM (PGM 100)

BTN	DISPLAY	REMARK	RANGE	DEFAULT
1	NATION CODE 82	Refer to Table 2.3.1.1−2 below. **NOTE** The system must be re−initialized if changed.	4 digits	82
2	SITE NAME	Refer to Table 2.1.2−1 for alphanumeric dial–pad entries.	24 characters	

Table 2.3.1.1-2 NATION CODES

NATION	CODE	NATION	CODE	NATION	CODE
Argentina	54	Haiti	509	Paraguay	595
Armenia	374	Honduras	504	Peru	51
Australia	61	Hong Kong	852	Philippines	63
Azerbaijan	994	India	91	Poland	48
Bahrain	973	Indonesia	62	Portugal	351
Bangladesh	880	Iran	98	Qatar	974
Belarus	375	Iraq	964	Rumania	40
Belgium	32	Ireland	353	Russia	7
Bolivia	591	Israel	972	Saudi Arabia	966
Brazil	55	Italy	39	Senegal	221
Brunei	673	Japan	81	Singapore	65
Cameroon	237	Jordan	962	South Africa	27
Chile	56	Kenya	254	Spain	34
China(P.R.C)	86	Korea	82	Sri Lanka	94
China (Taiwan)	886	Kuwait	965	Swaziland	268
Colombia	57	Kyrgyzstan	996	Sweden	46
Costa Rica	506	Latvia	371	Switzerland	41
Cyprus	357	Liberia	231	Tajikistan	992
Czech(Slovak)	42	Libya	218	Telkom	*27
Denmark	45	Lithuania	370	Telstra	*61
Ecuador	593	Luxembourg	352	Thailand	66
Egypt	20	Malaysia	60	Tunisia	216
El Salvador	503	Moldova	373	Turkey	90
Estonia	372	Malta	356	Turkmenistan	993
Ethiopia	251	Mexico	52	U.A.E.	971
Fiji	679	Monaco	377	Ukraine	380
Finland	358	Morocco	212	United Kingdom	44
France	33	Myanmar(Burma)	95	Uruguay	598
Gabon	241	Netherlands	31	U.S.A	1
Georgia	995	New Zealand	64	Uzbekistan	998
German	49	Nigeria	234	Venezuela	58
Ghana	233	Norway	47	Vietnam	84
Greece	30	Oman	968	Y.A.R.	967
Guam	671	Pakistan	92		
Guatemala	502	Panama	507		
Guyana	592	P.N.G	675		

2.3.1.2 Slot Assignment – PGM Code 101

PROCEDURE:	
SLOT ASSIGNMENT ENTER SLOT NUMBER	1. Press the **[PGM]** button and dial 101.
SLOT 02 (F1: ID F2: DEVS) ID: DTIB24 DEVS: 24	2. Enter Slot number.
SLOT 02 (F1: ID F2: DEVS) ID: DTIB24 DEVS: 24	3. To change board type, press the Flex button 1 and dial the board type code digits. Refer to Table 2.3.1.2–2.
SLOT 02 (F1: ID F2 DEVS) ID: DTIB24 DEVS: 24	4. To change device number, press the Flex button 2 and dial the 2digit-length device number.
	5. To store the data, press the **[SAVE]** button.

Table 2.3.1.2-1 SLOT ASSIGNMENT (PGM 101)

BTN	DISPLAY	REMARK	RANGE	DEFAULT
1	SLOT 02 (F1: ID F2: DEVS) ID: PRIB DEVS: 30	Refer to Table 2.3.1.2–2.		
2	SLOT 02 (F1: ID F2: DEVS) ID: PRIB DEVS: 20	Enter device (port) number.		

NOTE

If the DIP switch of the manual board detection (the 1st DIP Switch) is OFF, system will detect the installed board type automatically. If the 1st DIP switch is ON, the board type code must be entered at each slot. After manually setting Slot assignment, the user should reset the system manually.

Table 2.3.1.2-2 Board Type Code

STATION BOARD	CODE	COLINE BORD	CODE	VMIB BOARD	CODE
DSIB	11	VOIU	31	VMIB	51
DTIB12	12	VOIB8	32	AAIB	52
DTIB24	13	VOIB24	33	AAFU	53
SLIB12	14	LCOB4	34		
SLIB24	15	LCOB8	35		
WTIB	16	LCOB12	36		
DTIM8/24	17	PRIB (E1)	37		
SLTM4/8	18	BRIB	38		
SLTM32	19	DCOB (E1)	39		
		PRIB (T1)	40		
		DCOB (T1)	41		
		MATM	42		

2.3.1.3 Logical Slot Assignment – PGM Code 103

PROCEDURE:	
LOGICAL SLOT ASSIGN COL STA VMIB	1. Press the **[PGM]** button and dial 103.
01 02 03 04 05 07 13 18	2. Press Flex button (1–3) to change slot order.
01 02 03 04 05 07 13 18	3. Enter slot numbers.
	4. Press the **[SAVE]** button to store.

Table 2.3.1.3-1 LOGICAL SLOT ASSIGNMENT (PGM 103)

BTN	DISPLAY	REMARK	RANGE	DEFAULT
1	08 11 12 14 15 16 17	CO Line Board		
2	01 02 03 04 05 07 13 18	Station Board	88 (SIP Phone), 99 (IP Phone or Phontage)	
3	09	VMIB Board		

NOTE

- If the DIP switch of the manual board detection (the 1st DIP Switch) is OFF, the system will detect the logical slot assign in sequence with increasing order automatically. If the 1st IP of DIP switch is ON, the logical slot assignment must be entered at each board type. After manually setting logical slot assignment, the user should reset the system manually.
- If the 1st DIP switch is ON, and VMIB is added manually, be sure to add the newly added VMIB slot number to Zone Attribute – VMIB slot.

2.3.1.4 DECT/IP Phone/SIP Phone Max Port Assignment – PGM Code 104

PROCEDURE:	
DECT/IP/SIP MAX PORT PRESS FLEX_KEY (1–3)	1. Press the **[PGM]** button and dial 104.
MAX NO OF DECT (000–192) : 032	2. Press the Flex button (1–3) and enter the desired data.
	3. Press the **[SAVE]** button to store.

Table 2.3.1.4-1 DECT/IP PHONE/SIP PHONE PORT ASSIGNMENT (PGM 104)

BTN	DISPLAY	REMARK	RANGE	DEFAULT
1	MAX NO OF DECT (000–192) : 008	Max. No of DECT that can be registered to the System.	MG300:0~192 MG100:0~96	8
2	MAX NO OF IP PHONE (000–324) : 032	Max. No of IP Phones that can be registered to the System.	MG300:0~324 MG100:0~120	32
3	MAX NO OF SIP PHONE (000–324) : 032	Max. No of SIP Phones that can be registered to the System.	MG300:0~324 MG100:0~120	32

2.3.1.5 IP Phone/Phontage Registration Table – PGM Code 106

PROCEDURE:	
IP–Phone/Phontage REG. ENTER BIN NO (001–324)	1. Press the **[PGM]** button and dial 106.
001 IP–Phone/Phontage PRESS FLEX_KEY (1–7)	2. Enter bin number to be assigned.
	3. Press the Flex button (1–7) and enter the desired data.
	4. Press the **[SAVE]** button to store.

Table 2.3.1.5-1 IP PHONE/PHONTAGE REGISTRATION TABLE (PGM 106)

BTN	DISPLAY	REMARK	RANGE	DEFAULT
1	001 MAC ADDRESS 00–00–00–00–00–00	Used to register an IP Phone/Phontage to the System, by entering its MAC Address (Refer to Table 2.1.2–1 for alphanumeric dial–pad entries).		00-00-00-00-00-00
2	001 USER ID ……	Used to register Phontage to the System, by entering its User ID.		
3	001 USER PASSWORD	Used to register Phontage to the System, by entering its Password.		
4	001 STA NUMBER (VIEW)	Once a connection is made to the System, the current Station number will be displayed.		
5	001 IP ADDRESS (VIEW) 0. 0. 0. 0	Displays the IP Address of the IP phone/Phontage.		0.0.0.0
6	001 F/W IP ADDRESS (VIEW) 0. 0. 0. 0	Displays the Firewall IP Address of the IP phone/Phontage.		0.0.0.0
7	001 RTP SECURITY (1: ON/0: OFF) : OFF	Enable RTP Security.	0: OFF 1: ON	OFF

2.3.1.6 DTIM/SLTM/MATM Registration Table – PGM Code 107

PROCEDURE:	
DTIM/SLTM REGISTRATION ENTER SLOT NO (19–56)	1. Press the **[PGM]** button and dial 107.
SLOT 19 REGISTER INFO PRESS FLEX_KEY (1–5)	2. Enter slot number to be assigned.
	3. Press the Flex button (1–5) and enter the desired data.
	4. Press the **[SAVE]** button to store.

Table 2.3.1.6-1 DTIM/SLTM REGISTRATION TABLE (PGM 107)

BTN	DISPLAY	REMARK	RANGE	DEFAULT
1	SLOT 19 MAC ADDRESS 00–00–00–00–00–00	Used to register an DTIM/SLTM/MATM to the System, by entering its MAC Address. (Refer to Table 2.1.2–1 for alphanumeric dial–pad entries.)		00-00-00-00-00-00
2	SLOT 19 STA RANGE (VIEW) …. – ….	After registering to the System, the station range for DTIM/SLTM/MATM will be displayed.		
3	SLOT 19 IP ADDRESS 0. 0. 0. 0	Displays the IP Address of DTIM/SLTM/MATM.		0.0.0.0
4	SLOT 19 F/W IP ADDRESS 0. 0. 0. 0	Displays the Firewall IP Address of DTIM/SLTM/MATM.		0.0.0.0
5	SLOT 19 RTP SECURITY (1: ON/0: OFF) : OFF	Enable RTP Security.	0: OFF 1: ON	OFF

2.3.1.7 IP Address Plan – PGM Code 108

The System IP is required for external VoIP calls, WEB programming, IP Phone registration or external VoIP calls.

iPECS-MG can be installed behind a NAPT server, if the NAPT server provides fixed address translation and port forwarding to the system. In this case, the system will employ the “Firewall IP address” as the fixed public IP address for communication with remote devices. This address must be assigned as the MFIM address in the remote device (IP Phone or iPECS Gateway DTIM/SLTM).

PROCEDURE:	
IP ADDRESS PLAN PRESS FLEX KEY (1–9)	1. Press the **[PGM]** button and dial 108.
See table 2.3.1.7–1 DISPLAY	2. Select the desired button 1–9.
	3. Enter the desired data. (When entering the IP address, The dot (.) will be added automatically when you enter the three digit numbers. Before that, you can use an “#” to enter a dot (“.”))
	4. Press the **[SAVE]** button to store.

Table 2.3.1.7-1 SYSTEM IP ADDRESS PLAN (PGM 108)

BTN	DISPLAY	DEFAULT	REMARK
1	IP ADDR 10 .10 .10 .1	10.10.10.1	Public IP Address required for remote user and Web-admin. IPv4 format.
2	SUBNET MASK 255.255.255.000	255.255.0.0	Subnet mask for IP address.
3	ROUTER IP ADDR 10 .10 .10 .254	10.10.10.254	IP Address of router for external network (WAN/IP) access. Required for shared voice and data LAN and remote Web access.
4	FIREWALL IP ADDR 0 .0 .0 .0	0.0.0.0	When the system is installed behind a NAPT server, the fixed IP Address provided by the NAPT server must be assigned in this field. Also, use this IP address for the MFIM address in remote devices.
5	DNS IP ADDR 0 .0 .0 .0	0.0.0.0	IP Address of Domain Name Server, which iPECS-MG will use to resolve URLs to an IP address. The DNS provides the resolution after receiving the name from iPECS-MG.
6	H.323 PORT (000–9999) : 1720	1720	H.323 TCP Port
7	SIP PORT (000–9999) : 5060	5060	SIP UDP Port
8	DHCP USAGE (1: ON/0: OFF) : OFF	OFF	If this field is set to 'ON', the system gets the IP-address from the DHCP Server when it is booting.
9	DIFFSERV (00–63) : 04	04	Diff–Serv pretag value

2.3.1.8 System Information – PGM Code 109

The System Information like MAC Address, system version or others can be checked.

PROCEDURE:	
SYSTEM INFO DISPLAY PRESS FLEX KEY (1—7)	1. Press the **[PGM]** button and dial 109.
See the following table DISPLAY	2. Select the desired button 1–7.

Table 2.3.1.8-1 SYSTEM INFORMATION (PGM 109)

BTN	DISPLAY	DEFAULT	REMARK
1	MAC ADDR 00–40–5A–29–5E–6C		The MAC Address of MPB
2	IPKTS PROTOCOL PORT 5588		UDP Port for communicating between MPB and Boards(or, IP Phone)
3	PRIVATE NET MASK 255.255.255.000		Private Subnet Mask
4	APP RLS VERSION 56M–1.7Ai		System Version
5	APP RLS DATE MAR/11		The released Date of System software
6	BOOT VERSION 1.0Al		System Boot Version
7	BOOT RLS DATE JAN/11		The released Date of System Booting application

2.3.2 NUMBERING PLANS DATA – PGM Codes 110 – 118

2.3.2.1 Numbering Plan Type – PGM Code 110

iPECS-MG system provides default Numbering plan set. One of any numbering plan can be installed or every numbering plan can be cleared.

If numbering plan type 7 is selected, all numbering codes are deleted. After deleting, user should assign the 'System Numbering Plan (PGM 111)' first. After configuring the System Numbering Plan, user can assign the other numbering plan code. This is useful when user wants to reconfigure all the numbering codes without default values.

PROCEDURE:	
NUMBERING PLAN TYPE PRESS FLEX KEY (1–1)	1. Press the **[PGM]** button and dial 110.
NUMBERING PLAN TYPE (1–7): TYPE 1	2. Press Flex. 1 and select one of the default numbering plans. If numbering plan type 7 is selected, all numbering codes are deleted.
	3. Press the **[SAVE]** button to update all numbering plan codes with selected default value.

2.3.2.2 System Numbering Plan – PGM Code 111

To assign a numbering plan code, the type should be matched with one of the provided System Numbering Plans, which consist of a Prefix, and More digits.

- Prefix – leading preceding digits of some numbering plan code (up to 8 digits).
- More digits – number of digits following the Prefix code (up to 4 digits).
- Master Prefix Digits – when the System Numbering Plan code consists of more than 4 digits, the preceding digits of the prefix code placed at more than 4 digits from the end digit (up to 3 digits in MG−100 system, and up to 5 in MG−300 system).

NOTE

System Numbering Plan conflict is not allowed; if there's Prefix '1' and more digit 4, then there cannot be other prefix '10' with more digit 4.

PROCEDURE:	
SYSTEM NUMBERING PLAN ENTER INDEX (001–150)	1. Press the **[PGM]** button and dial 111.
001 PREFIX / MORE DGT F1 : …. F2 : ….	2. Enter index and check current prefix code. Volume Up/ Down key can be used to see next/ previous index data. To Change Prefix Numbering Plan, delete the data first. To delete existing Prefix Numbering Plan, Press **[DELETE]** button and press **[SAVE]** button. When Prefix numbering plan deleted, related numbering plan codes are also cleared.
001 PREFIX / MORE DGT F1 : 10 F2 : ….	3. Press Flexible button 1 and enter prefix code to set new Prefix code.
001 PREFIX / MORE DGT F1 : 10 F2 : 3	4. Press Flexible button 2 and enter more digit.
	5. Press the **[SAVE]** button to update changed data.

Table 2.3.2.2-1 SYSTEM NUMBERING PLAN (PGM 111)

BTN	DISPLAY	FEATURE	RANGE	REMARK
1	001 PREFIX / MORE DGT F1 : 10 F2 : 3	Prefix Code	1 digit−8 digits	Prefix code length + more digits can be 8 at max.
2	001 PREFIX / MORE DGT F1 : 10 F2 : 3	More Digit	(0–4)	

2.3.2.3 Flexible Station Number – PGM Code 112

Each station has station numbers and every station numbers can be edited.

By default, every My-DN of each station is assigned. According to the numbering plan type selected from ADM 110, 3 digits or 4 digits station numbers and MADN numbers are assigned when station-numbering plan is initialized.

PROCEDURE:	
FLEXIBLE STATION NUMBER PRESS FLEX KEY (1–2)	1. Press the **[PGM]** button and dial 112.
ENTER NEW RANGE : 100 – 473	2. Press Flex button 1 to edit whole station number by range.
ENTER NEW RANGE : 100 – 699	3. Enter desired station range.
STATION NUMBER ENTER IDX (001–648)	4. Or, press Flex button 2 to edit one station number. Use the Volume up / down buttons to scroll to the next / previous index.
STATION NUMBER (001) 100	5. Enter station number to update.
	6. Press the **[SAVE]** button to update changed data. Check if newly entered number is available number according to Prefix Code plan (PGM Code 111).

Table 2.3.2.3-1 STATION NUMBERING PLAN (PGM 112)

BTN	DISPLAY	FEATURE	RANGE	REMARK
1	ENTER NEW RANGE : 100 – 473	Station number edit by range	Start station number & End station number	Delete all station numbers and update entered station number range only.
2	STATION NUMBER (001) 100	Single station number edit	One station number	bin 001 – 324 (iPECS-MG 300), bin 001 –128 (iPECS-MG 100): 1 number per one station port (My-DNs for each stations). bin 325 –648 (iPECS-MG 300), bin 129 –256 (iPECS-MG 100): Free station numbers for MADN type or extra SADN type numbers (Sub-DNs).

2.3.2.4 Feature Numbering Plan – PGM Code 113

Feature Numbering codes for the system can be assigned and edited in **PGM 113**. Section 3.2 provides the default values for each of the eight base Numbering Plans. Select the default Numbering Plan in **PGM 110**.

PROCEDURE:	
FEATURE NUMBERING PLAN PRESS FLEX KEY (1-2)	1. Press the **[PGM]** button and dial 113:
FEATURE NUMBERING PLAN DIAL FEATURE IDX (001–140)	2. Press Flex Key 1 to find a feature code with an index.
FEATURE CODE SEARCH ENTER FEATURE CODE	Or, Press Flex Key 2 to find a feature code with a digit stream.
Refer to the following Table DISPLAY	3. Select the desired index (001–140) Or dial the digit stream to find a feature code In case the feature code is found, it will be displayed ; refer to the following Table.
	4. Press the **[SAVE]** button to store the new Numbering Plan data. Check if the newly entered number is available according to Prefix Code plan (PGM Code 111).

Table 2.3.2.4-1 FEATURE CODE (PGM 113)

BTN	DISPLAY	FEATURE	DEFAULT	REMARK
1	ATTENDANT CALL 0	Attendant Call	0	
2	CONF ROOM 1 571	Conference Room 1	571	
3	CONF ROOM 2 572	Conference Room 2	572	
4	CONF ROOM 3 573	Conference Room 3	573	
5	CONF ROOM 4 574	Conference Room 4	574	
6	CONF ROOM 5 575	Conference Room 5	575	
7	CONF ROOM 6 576	Conference Room 6	576	
8	CONF ROOM 7 577	Conference Room 7	577	

BTN	DISPLAY	FEATURE	DEFAULT	REMARK
9	CONF ROOM 8 578	Conference Room 8	578	
10	CONF ROOM 9 579	Conference Room 9	579	
11	INT PAGE 543	Internal Page	543	543 + 00, xx 00: All Call Page xx : Page Group #
12	PERSONAL VM PAGE 544	Personal VM Page	544	544 + Page Group #
13	ANNOUNCEMENT PAGE 545	Announcement Page for Attendant	545	545 + Page Group # + Announcement #
14	PAGE AUTO ANSWER 546	Page Auto Answer	546	
15	INT PAGE ANSWER 547	Internal Page Answer (Meet–me page)	547	547 + Page Group #
16	EXT PAGE 548	External Page	548	
17	INT–EXT PAGE ALL 549	Internal–External Page All	549	
18	CFW REGISTER 554	Call Forward Register	554	554 + Type + Destination
19	PILOT H. CFW REGISTER 514	Pilot Hunt Call Forward Register	514	514 + Type + Destination
20	PILOT H. CFW CANCEL 515	Pilot Hunt Call Forward Cancel	515	
21	DND STATUS CHANGE 516	DND Status Change	516	
22	DND DELETE 517	DND Delete	517	
23	ACCOUNT CODE 550	Account Code	550	
24	CO FLASH 551	CO Flash	551	
25	LAST NUMBER REDIAL 552	Last Number Redial	552	

BTN	DISPLAY	FEATURE	DEFAULT	REMARK
26	SPEED PGM 553	Station Speed PGM	553	
27	SPEED DIAL 555	Speed Dial	555	
28	MWI REGISTER 557	MWI Register	557	
29	MWI ANSWER 558	MWI Answer	558	
30	SUBNAME RECORD 542	Record VM Subscriber Name	542	
31	CALLBACK REGISTER 518	CallBack Register	518	
32	CALLBACK CANCEL 519	CallBack Cancel	519	
33	GROUP CALL PICKUP 566	Group Call Pickup	566	
34	DIRECT CALL PICKUP 7	Direct Call Pickup	7	
35	WALKING-COS 520	Walking COS	520	
36	CALL PARKING LOC 541	Call Parking Location	541	541 + xx xx: Parking Location
37	PGM MODE ACCESS 521	PGM Mode Access	521	
38	TWO WAY RECORD 522	Two way record	522	
39	VMIB ACCESS 523	VMIB Access	523	
40	AME ACCESS 524	AME Access	524	
41	CO LINE ACCESS 88	CO Line Access	88	88 + xxx xxx: CO Line #
42	VM MWI ENABLE *8	VM MWI Enable	*8	

BTN	DISPLAY	FEATURE	DEFAULT	REMARK
43	VM MWI CANCEL *9	VM MWI Cancel	*9	
44	MCID REQUEST *0	MCID Request	*0	
45	EMERGENCY ALERT 563	Emergency Alert	563	
46	PTT GROUP ACCESS 538	PTT Group Access	538	538 + (0–9,*) 0–9: PTT Group # *: Log out
47	HOTDESK ACCESS 525	Hot desk Access	525	
48	NAME REGISTER 526	Name Register	526	
49	CREATE CONF ROOM 527	Create Conf Room	527	527 + Conf. Room #
50	DELETE CONF ROOM 528	Delete Conf Room	528	528 + Conf. Room #
51	WAKE UP REGISTER 529	Wake Up Register	529	529 + HH: MM
52	WAKE UP CANCEL 530	Wake Up Cancel	530	
53	TEMP COS DOWN 531	Temporarily COS Down	531	
54	RETRIEVE COS 532	Cancel Temp COS Down	532	
55	PASSWORD CHANGE 533	Password Change	533	
56	INTERPHONE GRP ACCESS 534	Interphone Group Access	534	
57	CALL WAIT REQUEST 535	Call Wait Request	535	
58	PRESELECTED MSG PGM 536	Preselected MSG PGM	536	
59	FORCED HANDSFREE CALL 537	Forced Handsfree Call	537	

BTN	DISPLAY	FEATURE	DEFAULT	REMARK
60	CALL BASE CLIR 582	Call Based CLIR	582	
61	CLIR ACCESS 583	CLIR Access	583	
62	COLR ACCESS 584	COLR Access	584	
63	PILOT HUNT CALL 585	Pilot Hunt Call	585	
64	COMMAND CALL ONEWAY 581	Command Call One–way	581	
65	COMMAND CALL CONF 580	Command Call Conf	580	
66	INTRUDE REGISTER 589	Intrude Register	589	
67	CAMP ON REGISTER 590	Camp On Register	590	
68	OHVO REGISTER 591	OHVO Register	591	
69	MOBILE NUM REGISTER 592	Mobile Num Register	592	
70	MOBILE CLI REGISTER 593	Mobile CLI Register	593	
71	MOBILE ACCESS 594	Mobile Access	594	
72	ANNOUNCEMENT TABLE 670	Announcement Table	670	
73	ANNOUNCEMENT TBL&DROP 671	Announcement Table And Drop	671	
74	HOLD 560	System Hold	560	
75	RECORD VM GREETING 561	Record VM Greeting	561	
76	SYS MEMO 675	Sys Memo	675	

BTN	DISPLAY	FEATURE	DEFAULT	REMARK
77	DISA TONE SERVICE 678	DISA Tone Service	678	
78	ALL FEATURE CANCEL 679	All Feature Cancel	679	
79	ADD CONF MEMBER 680	Add Conf Member	680	
80	SYS ALARM RESET 565	System Alarm Reset	565	
81	FAULT ALARM RESET 564	Fault Alarm Reset	564	
82	DOOR OPEN #*1	Door Open	#*1	
83	KEYPAD FACILITY ##*	Keypad Facility	##*	
84	TNET LOG IN/OUT 586	T-net Log-in/Out	586	
85	UNIVERSAL ANSWER 587	Universal Answer	587	
86	USB CALL RECORD 588	USB Call Record	588	
87	DEL ALLL VM MSG 681	Delete All VM Message	681	
88	PAGE MSG RECORD 682	Page Message Record	682	
89	DIRECT VM TRANSFER 683	Direct VM Transfer	683	
90	LOOP KEY 684	Loop Key	684	
91	CALL LOG 685	Call Log	685	
92	ACD–AGENT LOG IN/OUT 500	ACD Agent Log-In/Out	500	
93	ACD–AGENT DND 501	ACD Agent DND	501	

BTN	DISPLAY	FEATURE	DEFAULT	REMARK
94	ACD–AGENT WORK MODE 502	ACD Agent Work Mode	502	
95	ACD–AGENT AUTO WORK 503	ACD Agent Auto Work	503	
96	ACD–AGENT AUTO ANSWER 504	ACD Agent Auto answer	504	
97	ACD CALL INDICATION 508	ACD Call Indication	508	
98	NON ACD-CALL INDICATION 509	Non–ACD Call Indication	509	
99	ACD SUPER GROUP FWD 890	ACD Supervisor group Forward	890	
100	ACD SUPER NIGHT 891	ACD Supervisor Night	891	
101	ACD SUPER HOLIDAY 892	ACD Supervisor Holiday	892	
102	ACD SUPER Q–ANSWER 895	ACD Supervisor Queued Call Answer	895	
103	ACD SUPER AGENT CHECK 896	ACD Supervisor Agent State Check	896	
104	ACD SUPER S–MONITOR 897	ACD Supervisor Silent Monitor	897	
105	ACD SUPER TRAFIC CHECK 898	ACD Supervisor Call Traffic Check	898	
106	ACD ANNOUCEMENT PLAY 899	ACD Announcement Play & Check	899	
107	DAY/NIGHT PROGRAM 513	Day/Night/Timed Ring Mode Change	513	
108	DID/DISA RESTRICTION 686	DID/DISA Restriction	686	
109	COMPANY DIRECTORY 539	Company Directory	539	
110	OUTCALL NOTIFICATION 596	Outcall Notification	596	

BTN	DISPLAY	FEATURE	DEFAULT	REMARK
111	OUTCALL ATTEMPTS 597	Outcall Attempts	597	
112	OUTCALL INTERVAL 598	Outcall Interval	598	
113	OUTCALL PHONE NUMBER 599	Outcall Phone Number	599	
114	BATH ALARM RESET #10	Bath alarm reset	#10	
115	HOTEL MAID STATUS #11	Hotel Maid Status	#11	
116	HOTEL MINI BAR #12	Hotel Mini Bar	#12	
117	HOTEL GUEST INFO DISPLAY #13	Hotel Guest Info Display	#13	
118	HOTEL ROOM MONITOR #14	Hotel Room Monitor	#14	
119	HOTEL FORM FEED #15	Hotel Form Feed	#15	
120	HOTEL VIP WAKE UP #16	Hotel VIP Wake Up	#16	
121	CALL FWD CANCEL #17	Cancel Call Forward	#17	
122	DEVICE BLF IND #18	Device BLF Indication	#18	
123	GROUP CALL FWD REGISTER #19	Register Call Forward of a group	#19	
124	GROUP CALL FWD CANCEL #20	Cancel Call Forward of a group	#20	
125	ANSWER GREETING MODE #21	Selects answer greeting mode	#21	
126	FOP CFWD REGISTER #22	Register Call Forward for FOP	#22	
127	FOP CFWD CANCEL #23	Cancel Call Forward for FOP	#23	

BTN	DISPLAY	FEATURE	DEFAULT	REMARK
128	MOBILE EXT. STATUS 595	Mobile Extension Status change feature code	595	
129	GROUP DND STATE CHANGE #24	DND State change code about group call in station group	#24	
130	HELD CO RETRIEVE #25	Retrieve a held CO line	#25	
131	AUTO RECORD MODE #26	Select auto call record mode	#26	
132	OVERRIDE(HOLD) #27	Override Hold feature code	#27	
133	OVERRIDE(DISCONNECT) #28	Override Disconnect feature code	#28	
134	PREPAID MONEY REG #29	Prepaid money input code for Attendant	#29	
135	MOBILE CALLBACK #30	Mobile callback feature code	#30	
136	EXTERNAL VM PAGE 505	External VM page feature code	505	
137	INT-EXT ALL VM PAGE 506	Internal and external all VM page feature code	506	
138	MONITOR BUTTON #31	Monitor button feature code	#31	
139	ACD AGENT HELP #33	ACD agent help feature code	#33	
140	BARGE-IN #32	Barge-in feature code	#32	

2.3.2.5 CO Group Access Code – PGM Code 114

iPECS-MG System provides CO Group Access Codes (73 in MG-300/25 in MG-100). Each code can be edited by Admin Programming Each CO Group Access Code has its attributes (refer to PGM Code 180).

PROCEDURE:	
CO GRP ACCESS CODE PRESS FLEX_KEY (1–2)	1. Press the **[PGM]** button and dial 114.
ENTER NEW RANGE : 9 – 872	2. Press Flex button 1 to edit whole CO Grp access code by range.
ENTER NEW RANGE : 810 – 882	3. Enter desired access code by range.
CO GRP ACCESS CODE ENTER IDX (01–73)	4. Or, press Flex button 2 to edit one CO Grp access code. Use the Volume up / down buttons to scroll to the next / previous index.
CO GRP ACCESS CODE (01) 9	5. Enter desired access code.
	6. Press the **[SAVE]** button to update changed data. Check if newly entered number is available according to Prefix Code plan (PGM Code 111).

Table 2.3.2.5-1 CO GRP ACCESS CODE (PGM 114)

BTN	DISPLAY	FEATURE	RANGE	REMARK
1	CO GRP ACCESS CODE 9 – 872	CO Grp Access Code edit by range	Start CO Grp Access Code & End CO Grp Access Code	
2	CO GRP ACCESS CODE (01) 9	CO Grp Access Code edit	CO Grp Access Code	

2.3.2.6 Station Group Number – PGM Code 115

iPECS-MG System provides Station Group Numbers (50 in iPECS MG-300, 20 in iPECS MG-100). Each group number can be edited by Admin Programming. Each station group number has its attributes (refer to PGM Codes 200-202).

PROCEDURE:	
STATION GROUP NUMBER PRESS FLEX_KEY (1–2)	1. Press the **[PGM]** button and dial 115.
STATION GROUP NUMBER 620 – 669	2. Press Flex button 1 to edit whole Station Group Number by range.
STATION GROUP RANGE 620 – 669	3. Enter desired Station Group Number by range.
STATION GROUP NUMBER ENTER IDX (01–50)	4. Or, press Flex button 2 to edit one Station Group Number. Use the Volume up / down buttons to scroll to the next / previous index.
STATION GROUP NO (01) 620	5. Enter desired Station Group number.
	6. Press the **[SAVE]** button to update changed data. Check if newly entered number is available number according to Prefix Code plan (PGM Code 111).

Table 2.3.2.6-1 STATION GROUP NUMBER (PGM 115)

BTN	DISPLAY	FEATURE	RANGE	REMARK
1	STATION GROUP RANGE 620 – 669	Station Group Number edit by range	Start Station Group Number & End Station Group Number	
2	STATION GROUP NO (01) 620	Station Group Number edit	Station Group Number	

2.3.2.7 ACD Group Number – PGM Code 118

iPECS-MG 300 System has max. 50 ACD Group and iPECS-MG 100 System has max. 20 ACD Group. But ACD default Group Number is same from 600 to 619 both of them. In case of iPECS-MG 300, remain 30 group numbers are empty. Each group number can be edited by Admin Programming. Each station group number has its attributes (refer to PGM Codes 212-215).

PROCEDURE:	
ACD GROUP NUMBER PRESS FLEX_KEY (1–2)	1. Press the **[PGM]** button and dial 118.
ACD GROUP NUMBER 600 – 619	2. Press Flex button 1 to edit whole ACD Group Number by range.
ACD GROUP RANGE 600 – 619	3. Enter desired ACD Group Number by range.
ACD GROUP NUMBER ENTER IDX (01–50)	4. Or, press Flex button 2 to edit one ACD Group Number. Use the Volume up / down buttons to scroll to the next / previous index.
ACD GROUP NO (01) 600	5. Enter desired ACD Group number.
	6. Press the **[SAVE]** button to update changed data. Check if newly entered number is available number according to Prefix Code plan (PGM Code 111).

Table 2.3.2.7-1 ACD GROUP NUMBER (PGM 118)

BTN	DISPLAY	FEATURE	RANGE	REMARK
1	ACD GROUP RANGE 600 – 619	ACD Group Number edit by range	Start ACD Group Number & End ACD Group Number	
2	ACD GROUP NO (01) 600	ACD Group Number edit	ACD Group Number	

2.3.3 STATION DATA – PGM Codes 120 – 152

2.3.3.1 Station Type – PGM Code 120

Each station has its own station type according to its terminal type. This station type is used by the system to recognize the station's capabilities. In addition, this station type defines DSS/BLF consoles, which can be connected to a station. Maximum 5 DSS/BLF consoles can be connected to a station. Especially, in LIP-8000 Series, maximum 4 serial DSS/BLF consoles can be connected. For DSS/BLF consoles, the associated father station number is displayed.

PROCEDURE:	
STATION TYPE INFO ENTER STA NUMBER	1. Press the **[PGM]** button and dial 120.
100 STATION TYPE PRESS FLEX_KEY (1–3)	2. Use the dial–pad to enter a station number. Select the desired Flex button. − Flex 1: to display current station type or to set SLT station type (DTMF normal, DTMF MSG−wait, PULSE normal, PULSE MSG−wait) − Flex 2: to connect DSS/BLF consoles to a station or to display father station number of a DSS/BLF console − Flex 3: to restart LIP−Phone
100 TYPE LKD_30D	3. For Flex button 1 (TYPE), to view station type. Only for SLT station, station's type can be modified. To modify SLT station type, use the dial–pad button 1 to 4 (1: DTMF Normal, 2: DTMF Msg–wait, 3: Pulse Normal, 4: Pulse Msg–wait). Press the **[SAVE]** button to store the data entries. For Flex button 2, there are 3 different modes available. Mode (1): For Key–phone which can have 5 DSS/BLF consoles Mode (2): For LIP–8000 series which can have 4 serial DSS/BLF consoles Mode (3): For DSS/BLF console itself
100 DSS MAP ASG PRESS FLEX_KEY (1–5)	4. Mode (1): For Phone, which can have 5 DSS/BLF consoles. To assign DSS/BLF Console to DSS map index. Select Flex button (1–5) for DSS map Index (1–5) and enter DSS/BLF Console's station number. Press the **[SAVE]** button to store the data entries.
148 SERIAL DSS TYPE PRESS FLEX_KEY (1–4)	5. Mode (2): For LIP–8000 series, which can have 4 serial DSS/BLF, consoles. Serial DSS/BLF consoles have no station number. After connecting to station, just select console type. Select Flex button (1–4) for serial DSS map Index (1–4) and select serial DSS/BLF console type. (0: none, 1: 12–btn DSS, 2: 12–btn LSS, 3: 48–Btn DSS) Press the **[SAVE]** button to store the data entries.
DSS 104 FATHER STA 100	6. Mode (3): For DSS/BLF console itself. This menu just displays Father station of DSS/BLF console. In Mode (1), DSS/BLF console is assigned to Father station.
RESET 148 PRESS [SAVE] TO RESET	7. For Flex button 3, to reset LIP–8000 series after change serial DSS/BLF configuration of station.

2.3.3.2 Station Port Attributes, I to IV – PGM Codes 121 – 124

Station Port Attributes define features and functions available to the terminal. Generally, the entry will turn the feature ON (enable) or OFF (disable). Refer to Table 2.3.3.2-1 to Table 2.3.3.2-4 for a description of the features and the input required.

PROCEDURE:	
STA PORT ATTRIBUTE 1 ENTER STA RANGE	1. Press the **[PGM]** button and dial : 121 for Station Port Attributes 1 122 for Station Port Attributes 2 123 for Station Port Attributes 3 124 for Station Port Attributes 4
100– 110 PORT ATT 1 PRESS FLEX_KEY (01–13)	2. Use the dial–pad to enter a station range (Ex. 100–110). For a single station, enter the same number twice.
Refer to Table 2.3.3.2–1 to 4 DISPLAY	3. Press the desired Flex button; refer to Table 2.3.3.2–1 to Table 2.3.3.2–4.
	4. Use the dial–pad to enter desired data for the attribute setting, refer to Table 2.3.3.2–1 to Table 2.3.3.2–4.
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.3.2-1 STATION ATTRIBUTES I (PGM 121)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	AUTO SPKR (1: ON/0: OFF) : ON	Enables **[SPEAKER]** activation when a CO/IP, DSS or other feature button is pressed (handsfree).	0: OFF 1: ON	ON
2	HEADSET MODE (0–2): SPEAKER	Selects Speakerphone mode, Headset mode or Ear Mic Mode.	0: Speaker 1: Headset 2: E–MIC	Speaker
3	HEADSET RING (0–2): SPEAKER	In Headset mode, this item selects device to receive incoming ring signals. - Speaker, Headset or Both.	0: Speaker 1: Headset 2: Both	Speaker
4	GROUP LISTEN (1: ON/0: OFF) : OFF	Enables Group Listen feature, audio is sent to both the handset and speaker with the handset microphone active and speakerphone microphone OFF.	0: OFF 1: ON	OFF
5	KEYSET ADMIN (1: EN/0: DIS) : ENABLE	Enables station access to the System Database.	0: Disable 1: Enable	DISABLE
6	NO TOUCH ANS (1: ON/0: OFF) : OFF	Enables No–touch answer; this will automatically connect transferred calls to the station's speakerphone.	0: OFF 1: ON	OFF
7	HOWLING TONE (1: ON/0: OFF) : OFF	Permits Howler tone to be sent to a SLT when left off–hook.	0: OFF 1: ON	ON

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
8	DUMMY TERMINAL (1: ON/0: OFF) : OFF	This item defines whether a station is used for hot desk terminal. If you want to use a station as hot desk, this field must be set to 'ON'.	0: OFF 1: ON	OFF
9	PORT BLOCK (1: ON/0: OFF) : OFF	If this value is set to ON, Station is blocked so it is impossible to use that station.	0: OFF 1: ON	OFF
10	GAIN TABLE IDX (1–3) : 1	This feature allows 3 kinds of gain table per station.	1–3	1
11	SLT LINE LENGTH (0–2): SHORT	This feature is used to distinguish the line length when the distance between SLT station and SLIB board is too variable. (Short: 0km, Long: 0–3km, Far: 3–7.5km)	0: Short 1: Long 2: Far	Short
12	ALARM (1: EN/0: DIS) : DISABLE	Enable to receive system alarm signal.	0: Disable 1: Enable	Disable
13	DOOR OPEN (1: EN/0: DIS) : DISABLE	Enable to use door open feature.	0: Disable 1: Enable	Disable

Table 2.3.3.2-2 STATION ATTRIBUTES II (PGM 122)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	LCD LANGUAGE (00–14): ENGLISH (00)	Sets the Language used in the Station's LCD; refer to Table 2.3.3.2–3 below.	00-17	ENGLISH (00)
2	LCD DATE MODE (1: MDY/0: DMY): DDMMYY	Sets the Station's Date display as month/day or day/month.	1: MMDDYY 0: DDMMYY	DDMMYY
3	LCD TIME MODE (1: 24H/0: 12H): 12H	Sets the Time display mode as 12 hour or 24–hour (military) time.	1: 24H 0: 12H	12H
4	BACK LIGHT USAGE (0–4): BUSY ONLY	If a station can support LCD backlight, you can set backlight usage option.	0: Always Off 1: Busy Only 2: Always On 3: Auto 4: Delayed Off	Busy Only
5	LIP–8000 FONT (0–1): GOTHIC	LIP 8000 Series terminal has two kind of font – Times new roman and Gothic. This menu determines what font is used.	0: Times New Roman 1: Gothic	Gothic
6	LIP–8000 LCD BRIGHTTNESS (01–15): 07	LIP 8000 Series terminal can adjust LCD brightness for user's convenience.	01–15	07
7	GROUP QUEUE DISPLAY (1: ON/0: OFF) : OFF	If this is set to ON, system provides station group Queue information to group member.	0: OFF 1: ON	OFF

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
8	IDLE SOFTMENU TYPE (0-2):LOG/DIR/REDIAL	Sets Idle soft menu for each station. 0 : LOG/DIR/REDIAL 1 : LOG/DIR/PICKUP 2 : LOG/PICKUP/REDIAL	0-2	0

Table 2.3.3.2-3 LCD LANGUAGE SELECTION

ENTRY	LANGUAGE
00	English
01	Italian
02	Finnish
03	Dutch
04	Swedish
05	Danish
06	Norwegian
07	Hebrew
08	German
09	French
10	Portuguese
11	Spanish
12	Korean
13	Estonian
14	Russian
15	Turkish
16	Polish
17	Greek

Table 2.3.3.2-4 STATION ATTRIBUTES III (PGM 123)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	PRIME NUMBER BTN (01–48) : 01	Among My–DN and several Sub–DNs which are assigned to station flex buttons, determines the first–seized DN when the user initiates a call. If prime button is not set of invalid, the system scans sequentially from flexible button 1 to flexible Button 48 and take the unused and valid flexible button as prime button. **NOTE** DN buttons of associated DSS box cannot be a prime number button.	01–48	01
2	ZONE NO (1–9) : 1	This menu represents a station belonging to what zone.	1–9	1
3	AUTO HOLD (1: ON/0: OFF) : ON	Enables Auto Hold for the station. With Auto Hold enabled, the system will place an active external call on hold if the user presses a CO/IP or DSS button.	0: OFF 1: ON	ON

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
4	ENBLOCK DIAL (0–3) : OFF	When All, the user–dialed digits are stored at the Digital Phone until explicitly sent by the user. When sent, all dialed digits are sent to the system in a block. Enblock mode is only available to Digital Phones with soft keys.	0: Off 1: All 2: On-Hook Dialing 3: Dialing in Ring	OFF
5	ICM ANSWER MODE (1–3): TONE	Selects Handfree, Privacy or Tone ring ICM Signaling mode.	1: Handfree 2: Tone 3: Privacy	Tone
6	DATA LINE SECURITY (1: ON/0: OFF) : OFF	Disables override and camp–on tones to the station to avoid occurring error when sending data.	0: OFF 1: ON	OFF
7	PROGRESS INDICATOR (1: ON/0: OFF) : OFF	If this value is set to ON, Progress Indicator Information is included to Setup message (Origin is non–ISDN).	0: OFF 1: ON	OFF
8	FAX MODE (1: ON/0: OFF) : OFF	If this value is set to ON, Bearer Capability information with 3.1Khz is provided to PX.	0: OFF 1: ON	OFF
9	EMERGENCY SUPERVISOR (1: ON/0: OFF) : ON	If this value is set to ON, Station can use Call Wait/Voice Over/Override feature though busy station is set to Auto Privacy, Voice Over rejection	0: OFF 1: ON	OFF
10	MUTE RING SERVICE (1–9):MUTE RING 1(C)	If this value is set to MUTE RING 1~8, system provides MUTE RING 1~8 to user. If this value is set to NO RING, system does not provide MUTE RING	1-8:Mute Ring(1-8) 9: No Ring	No Ring
11	AUTO IDLE SERVICE (0–1): AUTO	If this value is set to AUTO, system provides Auto Idle service.	0: Auto 1: Manual	Auto
12	CALL WAIT INDICATION (0–2): MUTE RING	When a busy station receive Call Wait request, call wait indication can be provided. (None, Tone, Mute ring)	0: NONE 1: TONE 2: MUTE RING	MUTE RING
13	ICM CALL TIME DISPLAY (1: ON/0: OFF) : OFF	During ICM call, user can check call duration time with this admin. When ICM call, call-time can be displayed on user LCD of digital keyset.	0: OFF 1: ON	OFF
14	PREPAID COST DISPLAY (0–2): LEFT MONEY	When prepaid money is used, current cost or left money can be displayed on user LCD of digital keyset.	0: Left Money 1: Used Money 2: Time Display	Used Money
15	BY-PASS DTMF (0:BY-PASS/1:DETECT):1	Determines if IP Terminal detects DTMF Signal	0:BY-PASS DTMF 1: DETECT	BY-PASS DTMF

Table 2.3.3.2-5 STATION ATTRIBUTES IV (PGM 124)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	MSG WAIT INDICATION (0–3): MW REMIND TONE	This menu determines the way to notify a station to wait message.	0: N/A 1: Ring LED 2: MW Remind Tone 3: Ring LED + Tone	MW REMIND TONE
2	APPLY DIFF RING (0–1) : ALL RING	Determine user's differential ring mode. Applying to all ring mode or normal ring mode.	0: All Ring 1: Normal Ring	All Ring
3	ICM DIFF RING ID (001–168) : 001	Set the intercom differential ring ID – usually 1–4 is valid.	LDP : 001-015 Music Bell : 129-168 LIP : 001-008 Etc. : 001-004	001
4	CO DIFF RING ID (001–168) : 001	Set the CO line differential ring ID – usually 1–4 is valid.	LDP : 001-015 Music Bell : 129-168 LIP : 001-008 Etc. : 001-004	001
5	COS APPLY (0–1): SUB–DN	Determine whether the applied COS is the COS of SUB–DN or COS of MY–DN when station accesses SUB–DN.	0: SUB–DN 1: MY–DN	SUB–DN
6	HOOK FLASH WHEN XFER (0–3): CANCEL XFER	Determine the operation when user press hook–flash button while transferring call. 0. Cancel transfer: drop current call and recover previous call. 1. Broker: hold current call and recover previous held call. 2. Conference: establish 3–way conference call. 3.Broker–Conf: Operated Broker and Conference when a user hook flash within 2 sec.	0: Cancel transfer 1: Broker 2: Conference 3: Broker–Conf	Cancel transfer
7	OFF–HOOK ON PAGED (0–1): PAGED	When lifting handset while listening to paging message, user can make another call or continue to listen. 0: continue to listen to paging message. 1: stop listening, seize a remaining DN, and hear dial–tone. User can make an another call.	0: Paged 1: Dial–Tone	Paged
8	PLA (1: ON/0: OFF) : ON	Preferred Line Answer Enables Ringing Line Preference for the station. Calls that ring the telephone are answered by going off–hook. (Reserved)	0: OFF 1: ON	ON

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
9	PICKUP BY DSS BUTTON (0-2): DIRECT PICKUP	This value determines the method of pickup when pressing DSS button.	0: Disable 1: Group Pickup 2: Direct Pickup	Direct Pickup
10	CTI IP ADDRESS 0 .0 .0 .0	CTI IP Address	IP Address	0.0.0.0
11	ACD AGENT PRIORITY (01–20) : 10	When station is member of ACD Group, this value will be used for priority as agent.	01–20	10
12	ICM CALLER RING ID (000–168) : 000	When station make intercom call, this ring ID can be provided to called party. Ring ID for terminal: -. LDP : 1 ~ 15 -. LDP Music Bell : 129 ~ 168 -. LIP : 1 ~ 8	0-168	0

2.3.3.3 Station Flexible Button Assignment – PGM Code 126

Flex buttons for each Digital Phone and DSS Console can be assigned a function (Type) and an associated Value.

For assignments to a DSS Console, enter the DSS console station number and enter the desired button number. For Serial DSS, the button numbers are decided by the order of Serial DSS. The button number starts from 49 at the first Serial DSS, 97 at the 2nd Serial DSS, 48 is added to the button number when desired Serial DSS order is increased. Each console contains entries for up to 48 buttons even though the console may only have 12 buttons. In this case, assignments for buttons 13 to 48 are ignored.

PROCEDURE:	
STA FLEX BTN ATTR ENTER STA RANGE	1. Press the **[PGM]** button and dial 126.
100– 110 FLEX BTN ENTER BTN NUM (001–240)	2. Use the dial–pad to enter a station range (Ex. 100–110). For a single station, enter the same number twice.
100– 110 FLEX BTN 002 PRESS FLEX_KEY (1–3)	3. Dial the desired Flex button number (001–240).
	4. Press the desired Flex button (1–3). – Flex 1 : to configure button type – Flex 2: to configure ring option – Flex 3: to configure access mode
BTN002 (EMPTY) ENTER NEW BTN TYPE (1–3)	5. For Flex button 1, to configure button type, use the dial–pad to select button type 1–3. Type 1: to assign Fixed type button to Flex button. Type 2: to assign Station Number(DN) to Flex button. Type 3: to assign “Dialed Number” to Flex button.
BTN002: FIXED BTN (1–9): NOT ASSIGNED	6. For Fixed button, use the dial pad to select from the following. 1: redial 2: speed 3: conference 4: mute 5: call back 6: dnd/ fwd 7: transfer 8: flash 9: PTT Press the **[SAVE]** button to store the data entered. If a station already has the same fixed type button at the fixed button, an error tone is heard and data is not saved.
BTN002: STA NUMBER ….	7. For Station Number(DN) button. Using dial–pad, enter Station number you want to assign. Press the **[SAVE]** button to store the data entries. If the station number already was programmed on another flex button at same station, an error tone is heard.

PROCEDURE:	
BTN003: DIAL NUMBER ….	8. For Dialed Number button. Using dial-pad, enter desired number you want to assign. Press the **[SAVE]** button to store the data entered.
BTN002: RING OPTION (0–9): IMMEDIATE RING	9. Flex button 2: The ring option is only valid at Station Number-type Flex button; To configure ring option, using dial-pad or **[DELETE/SPEED]** button. 0: immediate ring 1: delay 1 (3 sec) 2: delay 2 (6 sec) 3: delay 3 (9 sec) 4: delay 4 (12 sec) 5: delay 5 (15 sec) 6: delay 6 (18 sec) 7: delay 7 (21 sec) 8: delay 8 (24 sec) 9: delay 9 (27 sec) 10: Indication only **[DELETE/SPEED]** button: no ring Press the **[SAVE]** button to store the data entries.
	10. Flex button 3: to configure access mode. Please refer to next step.
BTN001: ACCESS (0–1): CHANGEABLE	11. In case of "Fixed" or "Dialed number" Flex button. Two–access mode exist – user-changeable or blocked, Using dial-pad button, configure access mode. 0. Changeable: the station user can change this button data 1. Unchangeable: the station user cannot change. Possible to change only by Admin programming. Press the **[SAVE]** button to store the data entries.
BTN002: ACCESS (0–2): ALL CALL	12. In case of "Station number" Flex button. 0. All Call: there is no restriction. 1. Seize and Dial: Unable to seize only by off-hook when making outgoing call even if the button is set to prime number button. 2. Incoming only: Unable to make an outgoing call using this button. Only answering incoming call is allowed.

2.3.3.4 Station Number Information – PGM Code 130

In accordance with the station number's physical characteristics, the station number is divided into My-DN and Sub-DN. My-DN is SADN (Single-Assign Directory Number) and only one My-DN is assigned to a physical terminal. In iPECS-MG system, the range of station number used for My-DN is predefined – station bin index from 1 to 324 for MG-300, from 1 to 120 for MG-100. Station number with station bin index greater than My-DN's bin index is Sub-DN. Sub-DN is used for MADN (Multi-Assign Directory Number) or SADN. When Sub-DN is used for SADN, one Sub-DN can be used only for a station. When Sub-DN is used for MADN, one Sub-DN can be for 10 different stations. In addition to, Sub-DN, which is used for SADN, can be configured as a hot-desk agent number. If Sub-DN is used for hot-desk agent, station is not allocated explicitly for Sub-DN member. Only when a terminal login to hot desk with Sub-DN, Sub-DN has terminal's station number (My-DN) as its member.

PROCEDURE:	
STA DN NUMBER ENTER STA NUMBER	1. Press the **[PGM]** button and dial 130.
424 DN ATTR PRESS FLEX_KEY (1–2)	2. Use the dial–pad to enter the station number.
	3. Press the desired Flex button (1–2). – Flex 1 : to configure station number type – Flex 2 : to display station number's member
STA DN TYPE (1–3): MADN	4. For Flex 1, to configure station number type. Dial 1–3 to configure station number type. Type 1 : SADN–Normal Type 2 : MADN Type 3 : SADN–Hot desk Agent Press the **[SAVE]** button to store the data entries. **NOTE** 'SADN-Hot desk Agent' type cannot be configured for My-DN numbers.
DN MEMBER VIEW …. …. … .	5. For Flex 2, to display station member view.

2.3.3.5 Station Number Attributes – I to IV – PGM Codes 131 – 135

Station Number Attributes define features available to the station number. Generally, the entry will turn the feature ON (enable) or OFF (disable). Refer to Table 2.3.3.5-1 to Table 2.3.3.5-5 for a description of the features and the input required.

PROCEDURE:	
STATION NUMBER ATTR 1 ENTER STA RANGE	1. Press the **[PGM]** button and dial: – 131 for Station Number Attributes 1 – 132 for Station Number Attributes 2 – 133 for Station Number Attributes 3 – 134 for Station Number Attributes 4 – 135 for Station Number CLI Attributes
100– 110 NUM ATTR 1 PRESS FLEX_KEY (1–19)	2. Use the dial–pad to enter a station range (Ex. 100–110). For a single station, enter the same number twice.
Refer to the table 2.3.3.5–1 to 5 DISPLAY	3. Press the desired Flex button; refer to Table 2.3.3.5–1 to Table 2.3.3.5–5.
	4. Use the dial–pad to enter desired data for the attribute setting, refer to Table 2.3.3.5–1 to Table 2.3.3.5–5.
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.3.5-1 STATION NUMBER ATTRIBUTES I (PGM 131)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	STA NAME ….....	Enables user name entry. The name is displayed on the LCD of Digital Phones.	Max. 16 Chars	
2	TENANT GROUP (1–9): 1	Specify tenant group for station.	1–9 (MG-300) 1–5 (MG-100)	1
3	DIGIT CONVERSION TBL (1–9): 1	Specify Digit conversion Table for station.	1–9	1
4	PASSWORD ….....	Password is employed to control access to the system resources and facilities. Walking COS, CO/IP Group access of DISA callers and certain Call Forward types may require the input of a valid password.	0–12 digits	1
5	BUSY SVC (0–3): BUSY TONE	When a station is busy and if another new call, station treats this new call based on this option.	0: Busy Tone 1: Camp–on 2: Call Wait 3: Pilot Hunt	Busy Tone

Table 2.3.3.5-1 STATION NUMBER ATTRIBUTES I (PGM 131)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
6	CHARGE MODE (0–1): REPORT	If 'FREE', the intercom call is not printed/saved to SMDR even though 'ICM CALL' SMDR is enabled. If 'REPORT', the intercom call is included to SMDR according to the ICM CALL SMDR Attributes.	0: Free 1: Report	Report
7	SMDR HIDDEN DIGIT (1: EN/0: DIS) : ENABLE	If enabled and station makes an outgoing call, dialed digits are shown in SMDR with hidden digit rule by SMDR attribute. If disabled, all of dialed digits will be displayed.	0: Disable 1: Enable	Disable
8	HOTDESK AGENT NUMBER (1: ON/0: OFF) : OFF	Permits a station number as hot desk agent number. To make this feature effective, station number must be Sub-DN & SADN.	0: OFF 1: ON	OFF
9	TIME TABLE INDEX (1–9): 1	Specify Time Table index for station.	1–9, None	none
10	R2 CATEGORY (01-15): 01	Specify R2 Category for station.	01-15	01
11	SIP UID TBL (01-72): …	SIP User ID Table Index for SIP outgoing call's caller ID information. If none, then iPECS-MG system makes caller ID based on SIP CO User-ID Table index value in 'User-ID Start Index' in PGM 371. If 01-72, then programmed ID in SIP CO User-ID Table (PGM 373) is used.	1-72 (MG-300) 1-24 (MG 100)	none

Table 2.3.3.5-2 STATION NUMBER ATTRIBUTES II (PGM 132)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	FORCED HANDFREE ACCESS (1: EN/0: DIS) : DISABLE	When placing an intercom call, a user can change the ICM signaling mode, Tone Ring to Hands free answer mode or Hands free answer to Tone Ring mode.	0: Disable 1: Enable	Disable
2	FORWARD ACCESS (1: EN/0: DIS) : ENABLE	Enables Call Forward to be activated by the station.	0: Disable 1: Enable	Enable
3	OFFNET FORWARD ACCESS (1: EN/0: DIS) : ENABLE	A station must be allowed Off Net Fwd to forward external incoming calls outside the system or to establish a CO–to–CO connection.	0: Disable 1: Enable	Enable

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
4	DND ACCESS (1: EN/0: DIS) : ENABLE	Enables DND to be activated by the station.	0: Disable 1: Enable	Enable
5	INTRUSION ACCESS (1 : EN/0 : DIS) : ENABLE	Enables intrusion to gain access to an active call.	0: Disable 1: Enable	Disable
6	MOBILE EXT ACCESS (1 : EN/0 : DIS) : ENABLE	Enables mobile extension ability.	0: Disable 1: Enable	Enable
7	HOOK FLASH MODE (0–3) : FLASH NORMAL	Determine the operation when SLT user press hook–flash button during conversation. 0. FLASH NORMAL: Hook Flash can be detected. In addition, it will be operated as normal case flow. 1. FLASH IGNORE: Hook Flash cannot be detected. All of hook flash will be ignored at any time. 2. FLASH DROP: When Hook Flash is detected, the line will be disconnected. 3. HOLD RELEASE: When Hook Flash is detected, the line will be held and then On-Hook is detected, the line in hold will be disconnected..	0. FLASH NORMAL 1. FLASH IGNORE 2. FLASH DROP 3. HOLD RELEASE	FLASH NORMAL
8	AUTO PICKUP (1: EN/0: DIS) : DISABLE	If a group member is ringing, another member of the Group can Pick–Up a call ringing at another member by simply going “Off–hook”.	0: Disable 1: Enable	Disable
9	AUTHORIZATION USAGE (0–3) : OFF	If this value is set to 1, 2, or 3, a user should enter the authorization code for some specific cases as below. 1. OFF - Disable 2. CO Access Only - Only when a user accesses CO line, user should enter the authorization code(Station Number +DN Password + *) 3. CO Access, Authorization Table - When a user accesses CO line or user dials a number in authorization table, user should enter the authorization code(Station Number +DN Password + *)	0.Off 1. CO Access 2. Authorization Table 3. CO, Authorization Table	OFF

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
9	AUTHORIZATION USAGE (0–3) : OFF	If this value is set to 1, 2, or 3, a user should enter the authorization code for some specific cases as below. 0. OFF - Disable 1. CO Access Only - Only when a user accesses CO line, system requests authorization code(station number + password, or * + ID + Password) 2. Authorization Table – User dials digits in authorization table, system requests authorization code(station number + password, or * + ID + Password) 3. CO Access, Authorization Table - When a user accesses CO line or user dials digits in authorization table, system requests authorization code(station number + password, or * + ID + Password)	0.Off 1. CO Access 2. Authorization Table 3. CO, Authorization Table	OFF
10	FWD IF OOS(OFF-DECT) (1: ON/0: OFF) : OFF		0: OFF 1: ON	OFF
11	BARGE-IN ACCESS (1 : EN/0 : DIS) : DISABLE		0: Disable 1: Enable	Disable

Table 2.3.3.5-3 STATION NUMBER ATTRIBUTES III (PGM 133)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	CO QUEUE ACCESS (1: EN/0: DIS) : ENABLE	Enable CO Queuing.	0: Disable 1: Enable	Enable
2	CONFERENCE ACCESS (1: EN/0: DIS) : ENABLE	Enable Conference call.	0: Disable 1: Enable	Enable
3	WAKE UP ACCESS (1: EN/0: DIS) : ENABLE	Enable Wake-up Alarm feature.	0: Disable 1: Enable	Enable
4	STN CALL BACK ACCESS (1: EN/0: DIS) : ENABLE	Enable call back feature when a called station is busy.	0: Disable 1: Enable	Enable
5	ACNR ACCESS (1 : EN/0 : DIS) : ENABLE	Enable ACNR feature.	0: Disable 1: Enable	Enable
6	ABSENCE NOTICE ACCESS (1 : EN/0 : DIS) : ENABLE	Enable Absence notice feature.	0: Disable 1: Enable	Enable
7	CALL WAIT ACCESS (1: EN/0: DIS) : ENABLE	Enable to leave a call wait when a called station does not answer or in DND state.	0: Disable 1: Enable	Enable
8	CAMP ON ACCESS (1: EN/0: DIS) : ENABLE	Enable camp-on feature.	0: Disable 1: Enable	Enable
9	VOICE OVER ACCESS (1: EN/0: DIS) : ENABLE	Enable voice over feature.	0: Disable 1: Enable	Disable
10	VOICE OVER REJECTION (1: EN/0: DIS) : DISABLE	Enable of rejection authority about voice over feature.	0: Disable 1: Enable	Disable
11	PREPAID CALL USAGE (1: EN/0: DIS) : DISABLE	Enable prepaid call.	0: Disable 1: Enable	Disable
12	KEYPAD FACILITY USAGE (1: EN/0: DIS) : DISABLE	Enable keypad facility.	0: Disable 1: Enable	Disable
13	CO TO CO TRANSFER (1: EN/0: DIS) : DISABLE	Enable CO to CO transfer feature.	0: Disable 1: Enable	Disable

Table 2.3.3.5-4 STATION NUMBER ATTRIBUTES IV (PGM 134)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	SPEED ACCESS (1: EN/0: DIS) : ENABLE	Gives station speed dial bins access authority.	0: Disable 1: Enable	Enable
2	PAGE ACCESS (1 : EN/0 : DIS) : ENABLE	Permits station to make page.	0: Disable 1: Enable	Enable
3	MEET ME ACCESS (1: EN/0: DIS) : ENABLE	Enables 'meet me' feature when there is a page.	0: Disable 1: Enable	Enable
4	CDR TABLE NUM (00-30): NOT USED	CDR Table number for Reference to check the CDR rule. If table number is assigned, when user make call, defined CDR rule will be applied.	00:Not-Used 01-30	Not-Used
5	SLT BLOCK BACK CALL (1: EN/0: DIS) : DISABLE	If this is enabled, when a SLT extension attempts to transfer a CO call to a CO line it is blocked and the call is released.	0: Disable 1: Enable	Disable
6	PILOT HUNT RING (1: EN/0: DIS) : ENABLE	Permits station to receive pilot hunt ring.	0: Disable 1: Enable	Enable
7	ACR USER (1: ON/0: OFF) : ON	Sets Anonymous Call Restrict service.	0: OFF 1: ON	OFF
8	100 -100 WAKEUP ATTR ENTER BIN NO(1-5)	You can assign five different wake-up settings with each mode. There are five types of wake-up mode. 1. Once 2. Daily 3. Monday – Friday 4. Monday – Saturday 5. Specific Date/Time	HH:MM	
9	RESERVED			
10	BRANCH/BRIDGE LINE (0–3): OFF	Set branch/bridge line feature Branch : Conference call by pressing **{DN}** button in use Bridge: Bridge call by pressing **{DN}** button in use. Bridge (Softphone): Auto bridge if Phontage/UC Client's IP bridge is enabled.	0: OFF 1: Branch 2: Bridge 3: Bridge-softphone	OFF
11	AUTO PRIVACY (1: ON/0: OFF) : OFF	Enables auto privacy feature (to restrict the intrusion/call–wait/camp–on/OHVA in busy station).	0: OFF 1: ON	OFF
12	DID DISA RESTRICTION (1: ON/0: OFF) : OFF	If set to ON, incoming DID or DISA ring to DN is restricted.	0: OFF 1: ON	OFF

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
13	DID/DISA REST LCD (1: ON/0: OFF) : ON	If set, when DID/DISA Restriction is enabled, LCD shows this information.	0: OFF 1: ON	ON

Table 2.3.3.5-5 STATION CLI ATTRIBUTES (PGM 135)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	CLIP DISPLAY (1: ON/0: OFF) : ON	Calling Line Identification Presentation (CLIP), an ISDN service, sends the number of the calling party to the system in the call SETUP message. If enabled, the number will be shown in the Digital phone LCD.	0: OFF 1: ON	ON
2	COLP DISPLAY (1: ON/0: OFF) : OFF	COLP (Connected Line Id Presentation), an ISDN service, sends the number of the answering party to the system in the call CONNECT message. If enabled, the number will be shown in the Digital Phone LCD.	0: OFF 1: ON	ON
3	CLI/REDIRECT (1: RED/0: CLI): ORG CLI	When an incoming ISDN call is redirected, the call SETUP message will contain an original and redirected CLI. This selection determines if the Digital Phone will display the original or redirected CLI number.	0: ORG CLI 1: Redirect	ORG CLI
4	CLIR WHEN OUTGOING (1: ON/0: OFF) : OFF	CLIR (Calling Line Identification Restriction), an ISDN service, removes calling party Id sent from the PSTN to the called party with a RESTRICT instruction in the SETUP message. If enabled here, the system will send the RESTRICT instruction to the PSTN when an outgoing ISDN call is placed.	0: OFF 1: ON	OFF
5	COLR WHEN ANSWER (1: ON/0: OFF) : OFF	COLR (Connected Line Id Restriction), an ISDN service, removes connected party Id sent from the PSTN to the calling party with a RESTRICT instruction in the CONNECT message. If enabled here, the system will send the restrict instruction to the PSTN when the station answers an ISDN call.	0: OFF 1: ON	OFF

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
6	CLI NUMBER ….....	When not restricted (FLEX 4 & 5 above), this entry configured is added to the number sent in the ISDN call SETUP or CONNECT message in place of the station number.	24 digits	
7	CFWD CLI/REDIRECT (1: RED/0: CLI): ORG CLI	When an incoming ISDN call is forwarded to other ISDN CO, the call SETUP message will contain an original and redirected CLI. This selection determines if SETUP includes the original or redirected CLI number.	0: ORG CLI 1: Redirect	ORG CLI
8	IGNORE CALLER CLIR (1: ON/0: OFF) : OFF	If it is enabled, when a call with CLIR option is received, ignore the option and display CID.	0: OFF 1: ON	OFF
9	MOBILE EXTENSION CLI (0–2): CALLER NO	When mobile extension makes a call, CLI is determined by this option. 0: Caller No 1: Mobile Station No 2: Caller No + Mobile Staton No)	0: Caller No 1: Mobile Sta No 2: Caller+Mobile Sta	Caller No
10	LONG CLI 1 ….....	If CLI type of outgoing CO line is set to 1, Long CLI 1 is sent.	24 digits	
11	LONG CLI 2 ….....	If CLI type of outgoing CO line is set to 2, Long CLI 2 is sent.	24 digits	
12	LONG CLI 3 ….....	If CLI type of outgoing CO line is set to 3, Long CLI 3 is sent.	24 digits	
13	CLI NAME DISPLAY (0-2) : OFF	If this is set to CLI Name, Name matched with CLI will be displayed Following name will be searched and display if programmed. 1. Flexible button label name with this CLI number. 2. Station Speed Bin Name. 3. System Speed Bin Name. 4. Received CLI Name. If this is set to CLI(DID) Name, DID name will be displayed	0: OFF 1: CLI NAME 2: CLI(DID) NAME	OFF
14	STA NO HIDDEN (1: ON/0: OFF) : OFF	If this is set to ON, station number is not displayed at calling or called party LCD.	0: OFF 1: ON	OFF

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
15	CALL TRANSFER CLI (0–1): TRANSFEROR	When a station makes transfer call, call SETUP message will contain a transferor or transferred CLI. This selection determines if a transferor or transferred CLI will be contained.	0: Transferor 1: Transferred	Transferor
16	SIP UID 1(CLI 1) ….....	If CLI type of outgoing SIP CO line is set to 1, SIP UID 1 is sent.	24 digits	
17	SIP UID 2(CLI 2) ….....	If CLI type of outgoing SIP CO line is set to 2, SIP UID 2 is sent.	24 digits	
18	SIP UID 3(CLI 3) ….....	If CLI type of outgoing SIP CO line is set to 3, SIP UID 3 is sent.	24 digits	
19	USE CLI FROM S0 (1: ON/0: OFF) : OFF	If this is set to ON, the CLI of S0 call is used for outgoing call.	0: OFF 1: ON	OFF

2.3.3.6 Station Private CO Group Attributes – PGM Codes 136

Station Private CO Group Attributes defines CO group code and a private CO line for private CO group of each station.

Refer to Table 2.3.3.6-1for a description of the features and the input required.

PROCEDURE:	
STA PRIVATE CO GROUP ENTER STA RANGE	1. Press the **[PGM]** button and dial 136
100– 110 PRIVATE CO PRESS FLEX_KEY (1–13)	2. Use the dial–pad to enter a station range (Ex. 100–110). For a single station, enter the same number twice.
Refer to the table 2.3.3.6–1 DISPLAY	3. Press the desired Flex button; refer to Table 2.3.3.6–1.
	4. Press the **[SAVE]** button to store the data entry.

Table 2.3.3.6-1 STATION PRIVATE CO GROUP ATTRIBUTE (PGM 136)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	SEIZE MODE (0–3): OFF	Determines seize mode 0.OFF : Disable Private CO Group operation. 1. Private CO: if all private CO line is busy, a user hears busy tone. 2. Private, Normal: if all private CO line is busy, a system seizes normal CO line related to CO Group access code. 3. Normal, Private: if all CO line in CO Group is busy, a system seizes private CO line.	0-3 0: OFF 1: Private CO 2: Private & Normal 3: Normal & Private	OFF
2	PRIVATE CO GROUP CODE 1 ……..	Determines CO group access code for Private CO Group 1.	Max 8 digits	
3	CO LINE 1 (001–240): …	Determines 1st CO line number for Private CO group1.	001-240 (MG300) 01-80(MG-100)	
4	CO LINE 2 (001–240): …	Determines 2nd CO line number for Private CO group1.	001-240 (MG300) 01-80(MG-100)	
5	CO LINE 3 (001–240): …	Determines 3rd CO line number for Private CO group1.	001-240 (MG300) 01-80(MG-100)	
6	CO LINE 4 (001–240): …	Determines 4th CO line number for Private CO group1.	001-240 (MG300) 01-80(MG-100)	

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
7	CO LINE 5 (001–240): …	Determines 5th CO line number for Private CO group1.	001-240 (MG300) 01-80(MG-100)	
8	PRIVATE CO GROUP CODE 2 ……..	Determines CO group access code for Private CO Group 2.	Max 8 digits	
9	CO LINE 1 (001–240): …	Determines 1st CO line number for Private CO group2.	001-240 (MG300) 01-80(MG-100)	
10	CO LINE 2 (001–240): …	Determines 2nd CO line number for Private CO group2.	001-240 (MG300) 01-80(MG-100)	
11	CO LINE 3 (001–240): …	Determines 3rd CO line number for Private CO group2.	001-240 (MG300) 01-80(MG-100)	
12	CO LINE 4 (001–240): …	Determines 4th CO line number for Private CO group2.	001-240 (MG300) 01-80(MG-100)	
13	CO LINE 5 (001–240): …	Determines 5th CO line number for Private CO group2.	001-240 (MG300) 01-80(MG-100)	

2.3.3.7 Station Class−of−Service – PGM Code 137

All stations are assigned a Class-of-Service (COS), which determines the ability of the user to dial certain types of calls, refer to Table 2.3.3.7-1 to Table 2.3.3.7-2. Separate COS assignments are made for Day, Night and Timed Mode system operation. Maximum level of COS privileges is 16 (0–15). These privileges are represented in Toll Exception Table (TOLL TABLE ATTRIBUTES (PGM 250)). By default, all stations are assigned with a Station COS of 1, no restrictions for all three modes.

The station COS interacts with the CO Line COS to establish overall dialing or Toll restrictions

PROCEDURE:	
STATION COS ATTR ENTER STA RANGE	1. Press the **[PGM]** button and dial 137.
100–110 COS ATTR PRESS FLEX_KEY (1–3)	2. Use the dial–pad to enter a station range (Ex. 100–110). For a single station, enter the same number twice.
	3. Press desired Flex button number (1−3). − Flex 1: Day COS − Flex 2: Night COS − Flex 3: Timed COS
	4. Use the dial–pad to enter desired data for the Station COS, refer to Table 2.3.3.7−1 and Table 2.3.3.7−2 for each COS service.
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.3.7-1 STATION COS ATTRIBUTES (PGM 137)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	DAY COS (00–15) : 01	Station's COS in Day mode	00–15	1
2	NIGHT COS (00–15) : 01	Station's COS in Night mode	00–15	1
3	TIMED COS (00–15) : 01	Station's COS in Timed mode	00–15	1

Table 2.3.3.7-2 STATION CLASS-OF-SERVICE (PGM 137)

STATION COS	RESTRICTIONS
0	Intercom and Emergency number calls are allowed. Incoming and transferred calls are allowed.
1	No restrictions are placed on dialing.
2–15	Configured toll exception tables for these COS are monitored for allow and deny numbers. − If a Table has no entries, no restrictions are applied. − If there are only Deny entries, restrictions are provided as Deny only. − If there are only Allow entries, restrictions are provided as Allow only. − If there are both Allow and Deny entries, the Deny entries are searched. If the dialed number matches a Deny entry, the call is restricted; if no match is found the call is allowed.

2.3.3.8 Station Automatic Dial Attribute – PGM Code 138

When a station goes to an off-hook condition (lifts handset or presses **[SPEAKER]** button), the system normally provides an intercom dial tone. In place of the dial tone, the station can be programmed to dial the preprogrammed (max. 16) digits. We call this programmed digit Auto-Dial-Digit. If the Auto-Dial-Digit is configured and if no digit within 'auto dial pause time' is pressed then the system dials the 'Auto-Dial-Digit' automatically.

PROCEDURE:	
STATION AUTO DIAL ATTR ENTER STA RANGE	1. Press the **[PGM]** button and dial 138.
100 – 110 AUTO DIAL ATTR PRESS FLEX KEY (1–3)	2. Use the dial–pad to enter a station range (Ex. 100–110). For a single station, enter the same number twice.
	3. Press desired Flex button number (1–3) − Flex 1: Auto Dial Digit − Flex 2: Auto Dial Pause Time − Flex 3: Auto Dial Mode
AUTO DIAL DGT	4. Use the dial–pad to enter the desired auto dial digit. Max. 16 digits available.
AUTO DIAL PAUSE TIME (00–30) : 00 (sec)	5. Use the dial–pad to enter the auto dial pause time. 0 to 30 sec available.
AUTO DIAL MODE (0-1): ALWAYS ON	6. Use the dial-paid to enter the auto dial mode (0-1)
	7. Press the **[SAVE]** button to store the data entry.

Table 2.3.3.8-1 STATION AUTO DIAL ATTRIBUTES (PGM 138)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	AUTO DIAL DGT ……	Digits will be dialed automatically.	Max. 16 digits	–
2	AUTO DIAL PAUSE TIME (00–30): 00 (sec)	It defines pause time for auto dial	00–30	0
3	AUTO DIAL MODE (0-1): ALWAYS ON	Determines the Mode for Auto Dial -. Always On : Auto dial mode can be always operated. -. On(Except Transfer) : Auto dial mode is not operated during transfer	0-1	0

2.3.3.9 Station Preset Call Forward – PGM Code 142

This assignment allows an external or internal call to initially ring at a station and forward to a pre-determined destination. Preset Call Forward can be assigned separately for Internal Unconditional, Internal Busy, Internal No Answer, Internal DND, External Unconditional, External Busy, External No Answer, External DND preset forwarding to any Station, Hunt group or External Telephone No.

PROCEDURE:	
STA PRESET CALL FORWARD ENTER STA RANGE	1. Press the **[PGM]** button and dial 142.
100 – 110 PRESET FWD PRESS FLEX KEY (1–9)	2. Use the dial–pad to enter a station range (Ex. 100–110). For a single station, enter the same number twice.
	3. Press Flex button number (1–6) for the desired type of forward. – Flex 1: Internal Unconditional – Flex 2: Internal Busy – Flex 3: Internal No Answer – Flex 4: External Unconditional – Flex 5: External Busy – Flex 6: External No Answer – Flex 7: ON Failure (Eject) – Flex 8: Internal DND – Flex 9: External DND
	4. Use the dial pad to enter the preset forward destination.
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.3.9-1 STATION PRESET CALL FORWARD (PGM 142)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	INTERNAL UNCOND DEST ….....	The unconditional preset forward destination of internal (intercom) call.	Max. 32 digits	–
2	INTERNAL BUSY ….....	The busy preset forward destination of internal(intercom) call.	Max. 32 digits	–
3	INTERNAL NO–ANSWER ….....	The no–answer preset forward destination of internal(intercom) call.	Max. 32 digits	–
4	EXTERNAL UNCOND ….....	The unconditional preset forward destination of external call.	Max. 32 digits	–
5	EXTERNAL BUSY ….....	The busy preset forward destination of external call.	Max. 32 digits	–
6	EXTERNAL NO–ANSWER ….....	The no–answer preset forward destination of external call.	Max. 32 digits	–
7	ON FAILURE(EJECT) ….....	On Failure forward destination of all call.	Max. 32 digits	–

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
8	INTERNAL DND DEST ….....	The DND preset forward destination of internal (intercom) call.	Max. 32 digits	–
9	EXTERNAL DND DEST ….....	The DND preset forward destination of internal (intercom) call.	Max. 32 digits	–

2.3.3.10 Station Call Forward – PGM Code 143

Station' call forward can be assigned or changed.

PROCEDURE:	
STATION FORWARD SET ENTER STA RANGE	1. Press the **[PGM]** button and dial 143.
100 – 110 FORWARD SET PRESS FLEX KEY (1–6)	2. Use the dial–pad to enter a station range (Ex. 100–110). For a single station, enter the same number twice.
	3. Press desired Flex button number (1–5). - Flex 1: Forward Type - Flex 2: Forward Number - Flex 3: Forward Apply Time - Flex 4: Call Forward No Answer Timer - Flex 5: Forward Display - Flex 6: Forward Condition
	4. Use the dial–pad to enter desired data for the Attribute, refer to the following Table.
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.3.10-1 STATION CALL FORWARD (PGM 143)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	FORWARD TYPE (0–4) : NOT ASSIGNED	Specify call forward type.	0: Not Assigned 1: Unconditional 2: Busy 3: No Answer 4: Busy or No Answer	Not Assigned
2	FORWARD NUMBER ….....	Specify Call Forward Destination by entering dial digits.	Max. 32 digits	–
3	FORWARD APPLY TIME (0–3) : ALL	Specify Call Forward Applying Time.	0: All 1: Day 2: Night 3: Timed	All

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
4	CFW NO ANS TMR (sec) (000–600) : 015	Call Forward type – 'No Answer' and 'Busy or No Answer' – employs this 'CFW NO ANS TMR' timer. If the station does not respond during the 'CFW NO ANS TMR' timer. Call is forwarded to 'Call Forward Destination'.	0–600	15sec
5	FORWARD DISPLAY (1: ON/0: OFF) : OFF	Enables Forward Information Display Option to display forward information during idle state.	0: OFF 1: ON	ON
6	FORWARD CONDITION (0-2): ALL	Specify Call Forward Condition 0 : ALL - all type of call 1 : INT – Internal call only 2: EXT – External call only	0-2	0

2.3.3.11 Station VMIB Attribute – PGM Code 145

The following features are designed to assist Station interaction with the VMIB.

PROCEDURE:	
STATION VMIB ATTR ENTER STA RANGE	1. Press the **[PGM]** button and dial 145.
100 – 110 VMIB ATTR PRESS FLEX KEY (1–24)	2. Use the dial–pad to enter a station range (Ex. 100–110). For a single station, enter the same number twice.
	3. Press the desired Flex button; refer to the following Table.
	4. Use the dial–pad to enter desired data for the attribute setting, refer to Table.
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.3.11-1 STATION VMIB ATTRIBUTE (PGM 145)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	VMIB ACCESS (1 : EN/0 : DIS) : ENABLE	Permits station access to VMIB.	0: Disable 1: Enable	Disable
2	PROMPT LANGUAGE INDEX (1–3): 1	Selected language type prompt is played to the user when accessing the VMIB.	1–3	1
3	AUTO–RECORD SERVICE (0-2) : Off (0)	Determines if user can record a conversation with another user (internal/external). It can be used without two–way record button.	0: Off 1: No-USB (VMIB or Phontage) 2: USB (LDP-7000 series only)	Off

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
4	TWO WAY RECORD ACCESS (1: EN/0: DIS): ENABLE	When allowed, the station can activate the Two–way record feature to record a conversation.	0: Disable 1: Enable	Disable
5	TWO-WAY RECORD DEVICE INTERNAL VM BOARDS	Determines the save location of Two–Way recorded wav files: VM Boards, or Phontage. When Phontage is selected, recorded wav files are saved on the hard disk of the Phontage program–installed PC. Phontage Deluxe version is required.	**[DELETE]** or **[SPEED]** (Internal VM Board) Phontage number	VM Boards
6	REC–MSG BACKUP STA PHONTAGE NUM: ……	When station has new voice mail saved on the VM internal boards, this information is reported to the assigned Phontage number. Phontage user can backup saved voice mail from VM internal boards to the hard disk of the Phontage program–installed PC.		
7	BACKUP MSG DELETE (1: EN/0: DIS): ENABLE	When enabled, Phontage user can delete all voice mail in internal VM boards.	1: Enable 0: Disable	0: Disable
8	VMIB MSG RETRIEVE TYPE (1: FIFO/0: LIFO): LIFO	Messages stored in the VMIB may be retrieved in either a FIFO (first–in–first–out) or LIFO (last–in–first–out) order based on this entry.	1: FIFO 0: LIFO	LIFO
9	VMIB URGENT MSG NO 000	Display the number of urgent messages.		
10	VMIB NEW MSG NO 000	Display the number of new messages.		
11	VMIB SAVE MSG NO 000	Display the number of saved messages.		
12	RESERVED			
13	COMPANY DIR FIRST NAME ……	First name of the user can be programmed for the name search in company directory feature.	Max 12 characters	
14	COMPANY DIR LAST NAME ……	Last name of the user can be programmed for the name search in company directory feature.	Max 12 Characters	
15	ADMINISTRATOR MAILBOX (1 :EN/0 :DIS) : DISABLE	Administrator features for voice mail can be allowed or disallowed for the user.	1:Enable 0:Disable	Disable
16	ANNC. ONLY MAILBOX (1 :EN/0 :DIS) : DISABLE	If enabled and station is forwarded to voice mail, only the station greeting is played without recording.	1:Enable 0:Disable	Disable
17	ANNC. ONLY OPTION (0-1): PREVIOUS MENU	After accessing announce-only mailbox, the call can be routed back to CCR previous menu or hanged up.	0:Previous Menu 1: Hang up	Previous Menu

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
18	CASCADE MAILBOX ……	If the station receives a voice message, it is copied to the cascade mailbox automatically.	Max 8	
19	CASCADE TYPE (0-3): OFF	The voice message cascade feature can be disabled, or performed immediately when voice message is left, or only when outcall notification fails, or only for urgent messages.	0: Off 1: Immediate 2: Noti Fail 3: Urgent	Off
20	VM COS (1-5): 1	The class of service for voice mail features.	1 - 5	1
21	OUTCALL NOTIFICATION (1:ON/0:OFF) : OFF	When a voice message is left to a station, it can be notified to an outside telephone.	1:ON 0:OFF	OFF
22	OUTCALL ATTEMPTS (1-9): 3	The number of attempts for outcall notification can be set here.	1 - 9	3
23	OUTCALL INTERVAL (01-60): 03(min)	Between each retrial of outcall notification, the interval can be set here.	01 - 60	03
24	OUTCALL PHONE NUMBER ……	The telephone number for voice message notification can be set here including trunk access code.	Max 24	

2.3.3.12 Station Mobile Phone Attribute – PGM Code 146

A mobile phone can be used in conjunction with a Digital Phone. The Mobile phone can access system resources available to the user's wired phone and will receive incoming calls. The user may be allowed to enable up to 2 Mobile extensions. Mobile phones are registered to a station using mobile phone number and mobile phone's CLI.

PROCEDURE:	
STA MOBILE PHONE SET ENTER STA RANGE	1. Press the **[PGM]** button and dial 146.
100 – 110 MOBILE ATT PRESS FLEX_KEY (01–12)	2. Use the dial-pad to enter a station range (Ex. 100-110). For a single station, enter the same number twice. Press desired Flex button number (1-12) − Flex 1: enable mobile extension 1 ability − Flex 2: mobile extension 1 number − Flex 3: mobile extension 1 CLI − Flex 4: enable mobile extension 2 ability − Flex 5: mobile extension 2 ability − Flex 6: mobile extension 2 CLI − Flex 7: mobile service mode − Flex 8: mobile service CLI1 − Flex 9: mobile service CLI2 − Flex 10: mobile service CLI3 − Flex 11: mobile service CLI4 − Flex 12: mobile service CLI5
MOBILE EXT 1 ATT (1: ON/0: OFF) : OFF	3. Use the dial-pad 1(ON) or 0(OFF) to enable mobile extension 1 ability.
MOBLIE EXT 1 NUMBER	4. Use the dial-pad to enter a mobile extension 1 number.
MOBILE EXT 1 CLI	5. Use the dial-pad to enter a mobile extension 1 CLI.
MOBILE EXT 2 ENABLE (1: ON/0: OFF) : OFF	6. Use the dial-pad 1(ON) or 0(OFF) to enable mobile extension 2 ability.
MOBILE EXT 2 NUMBER	7. Use the dial-pad to enter mobile extension 2 number.
MOBILE EXT 2 CLI	8. Use the dial-pad to enter a mobile extension 2 CLI.
MOBILE SERVICE MODE (0-1): ALL CALL	9. Use the dial-pad 1(ON) or 0(OFF) to change mobile service.
MOBILE SERVICE CLI 1	10. Use the dial-pad to enter a mobile service CLI 1
MOBILE SERVICE CLI 2	11. Use the dial-pad to enter a mobile service CLI 2

MOBILE SERVICE CLI 3	12. Use the dial-pad to enter a mobile service CLI 3
MOBILE SERVICE CLI 4	13. Use the dial-pad to enter a mobile service CLI 4
MOBILE SERVICE CLI 5	14. Use the dial-pad to enter a mobile service CLI 5
	15. Press the **[SAVE]** button to store the data entry.

Table 2.3.3.12-1 STATION MOBILE PHONE ATTRIBUTES (PGM 146)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	MOBILE EXT 1 ENABLE (1: ON/0: OFF) : OFF	Enables mobile extension ability.	0: OFF 1: ON	OFF
2	MOBILE EXT 1 NUMBER ….....	Mobile extension number	Max. 24 digits	–
3	MOBILE EXT 1 CLI ….....	Mobile extension CLI number	Max. 24 digits	–
4	MOBILE EXT 2 ENABLE (1: ON/0: OFF) : OFF	Enables Second mobile extension ability.	0: OFF 1: ON	OFF
5	MOBILE EXT 2 NUMBER ….....	Second Mobile extension number	Max. 24 digits	–
6	MOBILE EXT 2 CLI ….....	Second Mobile extension CLI number	Max. 24 digits	–
7	MOBILE SERVICE MODE (0–1): ALL CALL	Select Mobile Service Mode. 0: All call – Mobile Extension is operated about all call. 1: Service CLI Only – Mobile Extension is operated with Mobile Service CLI.	0: ALL CALL 1: SERVICE CLI ONLY	ALL CALL
8	MOBILE SERVICE CLI 1	CLI 1 for Mobile Service	Max. 24 digits	
9	MOBILE SERVICE CLI 2	CLI 2 for Mobile Service	Max. 24 digits	
10	MOBILE SERVICE CLI 3	CLI 3 for Mobile Service	Max. 24 digits	
11	MOBILE SERVICE CLI 4	CLI 4 for Mobile Service	Max. 24 digits	
12	MOBILE SERVICE CLI 5	CLI 5 for Mobile Service	Max. 24 digits	

2.3.3.13 New VMIB Attribute – PGM Code 147

The following features are designed to assist Station interaction with the VMIB.

PROCEDURE:	
STATION NEW VMIB ATTR ENTER STA RANGE	1. Press the **[PGM]** button and dial 147.
100-110 NEW VMIB ATTR PRESS FLEX KEY (1-6)	2. Use the dial-pad to enter a station range (Ex. 100-110). For a single station, enter the same number twice.
	3. Press the desired Flex button, refer to the following Table.
	4. Use the dial-pad to enter desired data for the attribute setting, refer to Table.
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.3.13-1 STATION NEW VMIB ATTRIBUTES (PGM 147)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	VM REROUTE DEST INPUT: ……	When Rerouting from Voice Mail Forward function is used, this destination is used..	8 digits	-
2	VM TIME/DATE PROMPT (0-2): BEFORE MSG	When user voice message is checked, this determines the period to play time/date prompt	0: Before Msg 1: After Msg 2: Off	Before Msg
3	VM SLOT NO (01-18): ..	If VM Slot No is assigned for a DN, all voicemail messages for the DN will be stored at that board.	01-18	Not Assigned
4	VM PASSWORD INPUT (1-3): DN+PASSWORD	Password input method to access voice mailbox.	1:DN+Password 2:Password 3:No Password	DN+Password
5	USER MSG RW/FF TIME (03-99): 03	This specifies the unit amount of time when user message is rewound or fast forwarded during play-back.	03-99	03
6	VM MSG NUMBER DISPLAY (1: ON/0: OFF) : ON	If enabled, VM message number will be displayed when users enter mailbox by **[CALL BACK]** button.	1:ON 0:OFF	OFF

2.3.3.14 CO/IP Group Access – PGM Code 150

Stations can be allowed or denied access to CO Lines and IP Channels by group, refer to CO Attribute I, PGM CODE 160, button 3 and 4 (Outgoing/Incoming Group No). As a default, all stations are allowed access to CO/IP group 1.

PROCEDURE:	
STATION CO GRP ACCESS ENTER STA RANGE	1. Press the **[PGM]** button and dial 150.
SELECT CO GRP IDX F1 (1–24)/F2 (–48)/F3 (–72)	2. Use the dial–pad to enter a station range (Ex. 100–110). For a single station, enter the same number twice.
	3. Press desired Flex button 1–3. – Flex 1: to access for CO line group 1 to 24 – Flex 2: to access for CO line group 25 to 48 – Flex 3: to access for CO line group 49 to 72 MG-100: CO Line Group 1 to 24. MG-300: CO Line Group 1 to 72.
CO GRP ACCESS PRESS CO GRP (1–24)	4. Press the desired Flex button to toggle CO/IP Group access, LED on: group access allowed, LED off: group access not allowed.
	5. Press the **[SAVE]** button to store the data entry.

2.3.3.15 Internal Page Group Access – PGM Code 151

Each Digital Phone can be enabled internal page group access, allowing Stations the ability to make announcements to each Internal Page Group.

PROCEDURE:	
STA PAGE GRP ACCESS ENTER STA RANGE	1. Press the **[PGM]** button and dial 151.
SELECT PAGE GRP IDX F1: 1–24 F2: 25–30	2. Use the dial–pad to enter a station range (Ex. 100–110). For a single station, enter the same number twice.
	3. Press desired Flex button 1–2. – Flex 1: to access for page zone 1 to 24 – Flex 2: to access for page zone 25 to 30 MG-100: 1-15, MG-300: 1-30
PAGE GROUP ACCESS PRESS PAGE GRP (01–24)	4. Press the desired Flex button to toggle Internal Page Zone assignments. LED ON: station makes announcement. LED OFF: station does not make announcement.
	5. Press the **[SAVE]** button to store the Page Zone data.

2.3.3.16 Command Group Access – PGM Code 152

Each Digital Phone can be enabled for Command Group access. If enabled, a station can make a command conference call.

PROCEDURE:	
CMD CALL GRP ACCESS ENTER STA RANGE	1. Press the **[PGM]** button and dial 152.
CMD CALL GRP ACCESS PRESS GRP BTN (01–10)	2. Use the dial–pad to enter a station range (Ex. 100–110). For a single station, enter the same number twice.
	3. The first 10 Flex button LEDs indicate assigned command call group. Press the desired Flex button to toggle command call group assignments. LED ON: station use command call group. LED OFF: station does not use command call group.
	4. Press the **[SAVE]** button to store the Command group data.

2.3.4 CO LINE DATA – PGM Codes 160 – 181

2.3.4.1 CO Attribute I, II, III – PGM Codes 160 – 162

CO Attributes define various characteristics of the CO lines.

PROCEDURE:	
CO LINE ATTRIBUTE 1 ENTER COL RANGE	1. Press the **[PGM]** button and dial: 160 for CO/IP Attributes I 161 for CO/IP Attributes II 162 for CO/IP Attributes III.
001–008 CO LINE ATTR 1 PRESS FLEX_KEY (01–12)	2. Use the dial pad to enter a CO Line range. For a single CO Line, enter the same number twice. For MG-100, acceptable range is 01–80, for MG-300, the acceptable range is 001–240.
	3. Press Flex button to access desired menu. Refer to Table 2.3.4.1–1 to Table 2.3.4.1–3 for each attributes. Use the dial pad to change the value.
	4. Press the **[SAVE]** button to store the changed data.

Table 2.3.4.1-1 CO LINE ATTRIBUTES I (PGM 160)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	001 – 030 CO TYPE ISDN/PRI	Displays physical line type of selected CO line.	Display only	–
2	001 – 030 SVC TYPE (0: NOR/1: DID) : DID	Set CO line type as DID or Normal.	0: Normal 1: DID	Normal
3	001 – 030 OUTGOING GRP NO (01–72) : 01	Set CO Group Number to apply to outgoing calls.	01–72, none (MG–300) 01–24, none (MG–100)	01
4	001 – 030 INCOMING GRP NO (01–72) : 01	Set CO Group Number to apply to incoming calls.	01–72, none (MG–300) 01–24, none (MG–100)	01
5	001 – 030 TENANT NO (1–9) : 1	Set Tenant group number to apply to CO lines.	1–9 (MG–300) 1-5 (MG–100)	1
6	001 – 030 DGT CONVERT TBL (1–9) : 1	Set Digit Conversion Table index.	1–9	1
7	001 – 030 SIGNAL TYPE (0–7) : NO SIGNAL	Set Answer Signal Type.	0: No Signal 1: Send Wink (IC) 2: Wait Seize Ack (OG) 3: Send Wink & Wait Sz Ack 4: Send & Wait Sub-Answer 5: Send Wink & Send Sub-Answer (IC) 6: Wait Ack & Send Sub-Answer (OG) 7: Send All & Wait All	No Signal

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
8	001 – 030 RLS TIMING (0–2) : FIRST RLS	For digital lines, you can select release timing as follows. First release: CO line is released when one party release the call. Caller release: CO line is released when caller party released the call. Called release: CO line is released when called party released the call.	0: First Release 1: Caller Release 2: Called Release	First Release
9	001 – 030 INC/OUT MODE (0–2) : BOTH	Each CO lines can be set for access to incoming/outgoing calls.	0: Incoming Only 1: Outgoing Only 2: Allow Both	Allow Both
10	001 – 030 DIALING TYPE (0–2) : DTMF	Signal type can be selected.	0: DTMF 1: PULSE 2: R2	DTMF
11	001 – 030 CHARGE MODE (0–3) : ALL CALL REPORT	Each CO line can be set whether it will be charged or not. FREE: SMDR data is not printed/saved even though SMDR is enabled. ALL CALL REPORT: SMDR data about all of call is printed/saved according to the SMDR Attributes. OUTGOING CALL REPORT: SMDR data about only outgoing call is printed/saved according to the SMDR Attributes. INCOMING CALL REPORT: SMDR data about only incoming call is printed/saved according to the SMDR Attributes.	0: Free 1: All Call Report 2: Outgoing Report 3: Incoming Report	All Call REPORT
12	001 – 030 METERING TYPE (00-13) : NONE	According to PSTN service type, metering type can be selected.	00: None 01: 12KHz 02: 16KHz 03: 50KHz 04: SPR 05: PPR 06: NPR 07: AOC 0 (Standard) 08: AOC 1 (Italy & Spain) 09: AOC 2 (Finland) 10: AOC 3 (Australia) 11: AOC 4 (Belgium) 12: AOC 5 (Netherlands) 13: TIME	None

Table 2.3.4.1-2 CO LINE ATTRIBUTES II (PGM 161)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	001 – 001 CO SERVICE MODE (1–5) : SIP/PRI (1)	CO Service mode can be determined as follows. SIP/PRI : When a CO line is PRI or when a VOIB CO line is used as SIP H.323 : When a VOIB CO line is used by H.323/Gatekeeper or when a CO line is BRI Qsig : When a VOIB or a PRI CO line is used for Voice Networking T1 PRI : When a CO line is T1 PRI T1 Qsig : When a T1 PRI CO line is used for Voice Networking	**[DELETE]** or **[SPEED]** for Not Assigned 1: SIP/PRI 2: H.323/BRI 3: Qsig 4: T1 PRI 5: T1 Qsig	Not Assigned
2	001 – 001 DROP TYPE (0: LOOP/1: POL) : LOOP	Drop type can be selected as LOOP or Polarity Reverse for an analogue line.	0: Loop 1: Polarity Reverse	Loop
3	001 – 001 FLASH TYPE (0: LOOP/1: GND) : LOOP	Flash type can be selected as Loop or Ground for an analogue line.	0: Loop 1: Ground	Loop
4	001 – 001 FLASH TMR (001–300) : 050 (10ms)	CO Flash Timer	001–300 (10ms base)	050
5	001 – 001 OPEN LOOP TMR (00–20) : 00 (100ms)	Open Loop Timer	00–20 (100ms base)	00
6	001 – 001 LINE LENGTH (0–3): 0 (0km)	LCO line length	0: 0km 1: 3km 2: 5km 3: 7km	0km
7	001 – 001 ZONE NO (1–9) : 1	Zone number of CO lines	1–9	1
8	001 – 001 PROMPT LANGUAGE (1–3) : 1	You can select VMIB Prompt language for a CO line. The selected language type of system announcement and voice prompt will be played for that CO line.	1–3	1
9	001 – 001 GAIN TABLE IDX (1–3) : 1	Determines Gain Table for CO line.	1–3	1
10	001-001 VOIP FW USAGE (1: ON / 0: OFF): ON	Firewall usage can be set for a VOIP CO line. For H.323 call, if VOIP CO is behind NAT, this admin should be	0: OFF 1: ON	ON

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
		configured to ON. And Firewall IP Address in PGM 108 is used. For H.323 Networking call, Firewall Routing field in PGM 321 is used.		
11	001-001 LINE MONITOR (1: ON / 0: OFF): ON	This determines that detect line fault or not.	0: OFF 1: ON	ON
12	001-001 TONE TABLE IDX (1–9) : .	Determines Tone table index to provide Tone for CO line. If this value is not assigned, a system refers to tenant tone table index.	1-9, NOT ASG	NOT ASG
13	001-001 VM SVC RETRY CNT (000-100): 000	This determines the retrial count of voice mail services when there's no available voice mail channel.	000-100	000
14	001-001 RTP RELAY USE (1: ON / 0: OFF): ON	This determines if VOIB CO line is used as RTP Relay channel	0: OFF 1: ON	ON

Table 2.3.4.1-3 CO LINE ATTRIBUTES III (PGM 162)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	CO ACCESS MODE (0–2) : NORMAL CO LINE	CO access mode can be configured. Blocked Line : When a CO line is not wanted to be accessed Normal CO Line: Normal CO Line attribute of Call Duration Restriction (CDR) is applied. Dedicated Line: Dedicated Line attribute of Call Duration Restriction (CDR) is applied.	0: Blocked Line 1: Normal CO Line 2: Dedicated Line	Normal CO Line
2	DIGIT SENDING MODE (0–1) : OVERLAP	CO lines can be set to send digit with overlap or enblock method. Overlap: Send a digit every time it is dialed Enblock: Send dialed digits at once	0: Overlap 1: Enblock	Overlap
3	MAX DGT LEN (00–32) : 32	Number of dialed digits can be limited.	00–32	32

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
4	OVERLAP MIN DGT LEN (00–32) : 00	Number of minimum digits can be limited for overlap dialing. If it is set with 01-32, then SETUP message will not be sent to network until these minimum digits are dialed.	00–32	00
5	CHECK PASSWORD (1: ON/0: OFF) : OFF	Reserved for Password. Password can be requested when the CO line is seized.	0: OFF 1: ON	OFF
6	R2 CONNECT MODE (0–1) : END–TO–END	END-TO-END: iPECS-MG system controls R2 signals for a connection. Generally this mode is used. LINK BY LINK: PX systems controls R2 signals. This mode is used when iPECS-MG system acts as a relay.	0: END–TO–END 1: LINK–BY–LINK	ENE–TO–END
7	R2MFC BACKWARD VAL (01–15) : 01	R2MFC Backward Value	01–15	01
8	DUMMY DIAL TONE (1: ON/0: OFF) : OFF	When CO line is seized, dummy dial tone can be provided for in case if PSTN does not provide it.	0: OFF 1: ON	OFF
9	T1 NORMAL MODE (0–1): LOOP	Determines if Loop or Ground is selected for each T1 Digital lines.	0: Loop 1: Ground	Loop
10	T1 DID MODE (0–2): WINK	Determines if IMM, Wink, Delay Wink is selected for each T1 DID lines.	0: Immediate 1: Wink 2: Delay Wink	WINK
11	BY-PASS DTMF (0:BY-PASS/1:DETECT)	Determines if CO detects DTMF Signal	0: BY-Pass 1: DETECT	BY-Pass
12	CPT LEVEL USAGE (1: ON/0: OFF) : OFF	Determines if system detects CPT tone with signal level	0: OFF 1: ON	OFF

2.3.4.2 CO CID Attributes – PGM Code 163

CID Attributes are assigned for Analog CO Line CID services.

PROCEDURE:	
CO CID ATTRIBUTE ENTER COL RANGE	1. Press the **[PGM]** button and dial 163.
001–001 CID ATTR PRESS FLEX_KEY (1–9)	2. Use the dial–pad to enter a CO line range. For a single CO Line, enter the same number twice. For MG–100, acceptable range is 01–80, for MG–300, the acceptable range is 001–240.
See the following table DISPLAY	3. Press the desired Flex button; refer to Following Table.
	4. Use the dial–pad to enter desired data for the Attribute.
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.4.2-1 CO CID ATTRIBUTES (PGM 163)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	001–001 CID MODE (0–4) : DISABLED	CID signal type can be assigned according to the CID type PSTN provides.	0: Disabled 1: FSK 2 : DTAS FSK 3: DTMF 4: R–CID	FSK
2	001–001 RCID DETECT (1: ALL/0: LOCAL) : ALL	Russia CID Detect Mode	0: LOCAL 1: ALL	ALL
3	001–001 RCID REQUEST (1: AUTO/0: USER) : AUTO	Russia CID Request Mode	0: USER 1: AUTO	AUTO
4	001–001 RCID DGT NUMBER (04–10) : 07	Russia CID Digit Number	04–10	07
5	001–001 RCID NO ANS TMR (001–300) : 020 (sec)	Russia CID NO–Answer Timer	001–300 (sec)	020
6	001–001 RCID REQ COUNT (1–3) : 1	Russia CID Request Count	1–3	1
7	001–001 RCID REQ FIRST–D (010–150) : 037 (10ms)	Russia CID First Delay Timer	010–150 (10msec)	020
8	001–001 RCID REQ RETRY–D (10–30) : 10 (10ms)	Russia CID Retry Delay Timer	10–30 (10msec)	10
9	001–001 CID DETECT TMR (001–100) : 040 (100ms)	CID Signal Detection Timer. When CID type is FSK or DTAS-FSK or RCID, during time, system try to detect CID	001- 100(100msec)	40

2.3.4.3 CO Incoming Attribute I, II – PGM Codes 165 – 166

CO Incoming Attributes define various characteristics of the CO lines when there is an incoming CO call.

PROCEDURE:	
INCOMING CO ATTR 1 ENTER COL RANGE	1. Press the **[PGM]** button and dial 165.
001–008 INC CO ATTR 1 PRESS FLEX_KEY (1–18)	2. Use the dial pad to enter a CO Line range. For a single CO Line, enter the same number twice (01–80 for MG–100, 001–240 for MG–300).
See the following table DISPLAY	3. Press Flex button to access desired menu. Refer to the following Table for each attributes. Use the dial pad to change the value.
	4. Press the **[SAVE]** button to store the changed data.

Table 2.3.4.3-1 CO INCOMING ATTRIBUTES I (PGM 165)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	NAME	Incoming CO line name can be assigned.	Max. 16 characters	–
2	SCREEN INDICATOR (1: ON/0: OFF) : OFF	Determines if screen indicator will be inserted in ISDN messages.	0: Off (user–provided, not screened) 1: On (user–provided, verified and passed)	Off
3	CALLING TYPE (0–4): SUBSCRIBER	For Incoming calls on the ISDN Line, this parameter defines the "Type of Number Plan" provided in Connected Party Information Element of the ISDN call CONNECT message.	0: Unknown 1: International 2: National 3: Subscriber 4: Not Used	National
4	CALLING NUM PLAN (0–5): UNKOWN	Select Connected number plan of ISDN CONNECT message.	0: Unknown 1: I SDN/Telephony 2: Data 3: Telex 4: National 5: Private	Unknown
5	SEND PROGRESS IND (0–2) : NO	If this feature is set to ALL, Progress Indicator is sent to the ISDN PSTN about All Message. If this feature is set to ALERTING, Progress Indicator is sent to the ISDN PSTN about Alerting Message.	0: NO 1: ALL 2: ALERTING	NO
6	R2 ANI SVC REQ (1: ON/0: OFF) : OFF	If this feature is set to ON to R2 line, system request ANI digits (CLI data) to the calling party.	0: Off 1: On	Off

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
7	ICLID SERVICE (1: ON/0: OFF) : OFF	If this feature is set to ON, incoming call is routed according to ICLID Table(PGM 262).	0: Off 1: On	Off
8	OWN CODE TO TRANSIT CLI (1: ON/0: OFF) : OFF	If this feature is set to ON, Own code is added before original caller's CLI when there is transit call.	0: Off 1: On	Off
9	OWN CODE	Own Code	Max. 16 digits	–
10	CLI PREFIX CODE ..	Prefix code is inserted ahead of received CLI data according to call type.	Max. 2 digits	–
11	INTERNATIONAL CODE	International Code is inserted ahead of received CLI data according to call type.	Max. 4 digits	
12	TRANSIT CLI 1	If Transit CLI type of outgoing CO line is set to 1, Transit CLI 1 is sent.	Max. 24 digits	–
13	TRANSIT CLI 2	If Transit CLI type of outgoing CO line is set to 2, Transit CLI 2 is sent.	Max. 24 digits	–
14	TRANSIT CLI 3	If Transit CLI type of outgoing CO line is set to 3, Transit CLI 3 is sent.	Max. 24 digits	–
15	CLI CONV. TABLE (1–9): 1	CLI Conversion Table index	**[DELETE]** or **[SPEED]** for empty 1–9	empty
16	HOLIDAY RING INDEX (01–80): .	If Ring mode is holiday and this is assigned, an incoming call is routed to the destination of holiday alternative ring index.	01–80, Not Asg	None
17	VIRTUAL SUBS TYPE (0-3):NO	According to this value, virtual subscriber service is decided to apply or not, and how to apply virtual subscriber service.	0:NO 1:ALLOW 2:DENY 3:MATCH	NO
18	CLIR WHEN NO CLI (1:EN/0:DIS) : DISABLE	If a incoming call has no CLI, system handles the call as if the CLIR is set.	0:Disable 1:Enable	Disable

Table 2.3.4.3-2 CO INCOMING ATTRIBUTES II (PGM 166)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	PROVIDE DIAL TONE (1: ON/0: OFF) : OFF	If this feature is set to ON, dial tone is provided to networking CO.	0: Off 1: On	Off
2	BLF USAGE (1: ON/0: OFF) : OFF	If this feature is set to ON, flex button LED will be flashing when CO line is programmed on the button.	0: Off 1: On	On
3	UNSUP CONF EXTEND (1 : EN/0 : DIS) : DISABLE	If this feature is set to ON, unsupervised conference timer can be extended by dial feature code after warning tone is heard.	0: Disable 1: Enable	Disable
4	BLOCK IN CLRFWD TMR (1: ON/0: OFF) : OFF	If this feature is set to ON, CO line is blocked after clear forward waiting time.	0: Off 1: On	Off
5	CPT DETECT (1: ON/0: OFF) : OFF	If this feature is set to ON, Call processing tone is detected to disconnect LCO line.	0: Off 1: On	On
6	ANSWER WAITING CALL (1: ON/0: OFF) : OFF	If this feature is set to ON, system sends answer when call is waited.	0: Off 1: On	Off
7	UNIVERSAL ANSWER (1: ON/0: OFF) : OFF	If this feature is set to ON, any station can answer a call on the CO Line by dialing the Universal Answer feature code.	0: Off 1: On	Off
8	RLS GUARD TIME (00–15) : 01 (sec)	If CO release signaling is not completed successfully, CO line is disconnected when timer expires.	00–15 (sec)	01
9	UNSUP CONF TIMER (000–255): 000 (min)	When there is conference call without supervisor, or there is any CO–to–CO call, the call is disconnected after timer expires. The warning tone is heard before the line is disconnected.	000–255 (min)	010
10	WAIT CLRFWD TIME (001–300) ; 300 (sec)	Clear Forward Waiting Time.	001–300 (sec)	300
11	MAX RING TIME (1: ON/0: OFF) : OFF	Max. Ring Time for when incoming CO calls are transferred/recalled.	015–300 (sec)	120
12	DISA SUPERVISION TMR (01–99): 2 (100msec)	DISA CO call will be answered after this time.	01–99 (100msec)	5
13	VMIB PLAY DELAY TMR (0–9): 0 (sec)	Determines the amount of time paused before playing VMIB announcement.	0–9 (sec)	0

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
14	INCOMING TIME TABLE (1–9): .	The time Table index to be applied to incoming CO Call.	1–9, none	none
15	CO DELAY ANSWER TMR (000–100): 030 (100msec)	For Incoming calls on the ISDN Line, this parameter defines the delay time between Alerting and Connect Message.	0–100 (100msec)	0
16	OFFNET FWD USAGE (0–2): JOIN	ISDN lines can be set to use Call Deflection/Call Rerouting service if PSTN supports these features. -.Join : Offnet forwarded call is made with another CO line -. Call Deflection : Forwarded call is established by the incoming CO using ISDN Call Deflection feature. -. Call Rerouting : Forwarded call is established by the incoming CO using ISDN Call Rerouting feature.	0: Join 1: Call Deflection 2: Call Rerouting	Join
17	R2 SIGNAL GROUP (1-9): 01	For R2 line, there is R2 signal group mapping table (PGM 268). This parameter defines the R2 signal group mapping table's index number for backward signal.	1-9	1
18	R2 CATEGORY (01-15): 01	If R2 incoming call is routed to another CO, this parameter defines the outgoing call's R2 category.	1-15	1
19	R2 LINE STATUS (01-15): 06	For Incoming calls on the R2 line, this parameter defines the line status when an incoming destination is idle and sends ring back tone.	1-15	06
20	COLLECT CALL BLICKING (0-2): DISABLED	It's for only Brazil R2, it blocks for collect call if double answer or with indication is selected.	0: Disabled 1: Double Answer 2: With Indication	Disabled
21	COLLECT CALL ANSWER TMR (001-250): 010 (*100ms)	If it is set to Double Answer for collect call blocking, this timer is sending dummy answer signal.	1-250 (100ms)	10
22	COLLECT CALL IDLE TMR (001-250): 020 (*100ms)	If it is set to Double Answer for collect call blocking, this timer is sending dummy idle signal.	1-250 (100ms)	20

2.3.4.4 CO Ring Assignment – PGM Code 167

Each CO line is assigned to stations or feature code for an incoming call (Ring). Separate ring assignments are made for Day, Night, and Timed Ring modes. The Ring signal can be set for immediate or delayed ringing allowing other stations to be assigned ringing and answered prior to delayed station. If 'DISA Tone Service' feature code is assigned, DISA service is activated at the CO line.

PROCEDURE:	
CO RING ASSIGNMENT ENTER COL RANGE	1. Press the **[PGM]** button and dial 167.
001–001 CO RING ASSIGN F1: DAY/F2: NIGHT/F3: TIME	2. Use the dial–pad to enter a CO line range. For a single CO Line, enter the same number twice. For MG–100, acceptable range is 01–80, for MG–300, the acceptable range is 001–240.
001-100 DAY RING ASN PRESS FLEX KEY (1-5)	3. Select Day mode and Press the desired Flex button; refer to Following Table.
See the following table DISPLAY	4. Press the desired Flex button; refer to Following Table.
	5. Use the dial–pad to enter desired data for the Attribute.
	6. Press the **[SAVE]** button to store the data entered.

Table 2.3.4.4-1 CO RING ASSIGNMENT (PGM 167)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	SERVICE TYPE (0-1) : RING ASSIGN	If service type is set as 0, ring option is applied to ring assigned stations. Otherwise, if service type is set to 1, feature code is activated on incoming call.	0: Ring Assign 1: Feature Code	Ring Assign
2	FEATURE CODE	If Service type is set to Feature Code and valid feature code is assigned, then assigned feature is activated when there is an incoming call.	Valid Feature Code (Refer to FEATURE CODE (PGM 113))	–
3	FEATURE DELAY (3sec) (00–30) : 00	If Service type is set to Feature code, it can be delayed.	00–30 (3sec)	00
4	100[0]	Assigned station and delay value can be displayed. Volume Up/Down key is used to scroll data.	–	–
5	MEMBER ASSIGN ENTER STA RANGE	To change station's ring assign status, enter desired station range (Max. 30 stations can be assigned).	Start Station & End Station	–
5 – 1	101– 101 DELAY (0–9) : 0	Enter delay value; if delay is 0, station will start to ring immediately. If delay value is deleted, the station will not ring. Otherwise if delay is 1–9, the station will start to ring after delay time (3 times of delay value).	0–9, None	STA100: delay 0

2.3.4.5 Incoming CO Normal/DISA Attribute – PGM Code 168

If the CO line is set to Normal type, it can have normal CO Attributes including DISA service option.

PROCEDURE:	
INC CO NOR/DISA ATTR ENTER COL RANGE	1. Press the **[PGM]** button and dial 168.
001–001 NORMAL/DISA ATT F1: DAY/F2: NIGHT/F3: TIMED	2. Use the dial–pad to enter a CO line range. For a single CO Line, enter the same number twice. For MG–100, acceptable range is 01–80, for MG–300, the acceptable range is 001–240.
001-001 DAY MODE ATTR PRESS FLEX KEY(1-5)	3. Select Day mode and Press the desired Flex button; refer to Following Table.
See the following table DISPLAY	4. Press the desired Flex button; refer to Following Table.
	5. Use the dial–pad to enter desired data for the Attribute.
	6. Press the **[SAVE]** button to store the data entry.

Table 2.3.4.5-1 INCOMING CO NORMAL/DISA ATTRIBUTES (PGM 168)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	CO ACCESS FROM DISA (1: ON/0: OFF) : OFF	If this feature is set to ON, CO to CO call can be allowed from DISA line.	0: Off 1: On	Off
2	DISA ACCOUNT CODE (1: ON/0: OFF) : OFF	When making CO–to–CO call from DISA line, password can be requested.	0: Off 1: On	Off
3	DISA RETRY COUNT (0-9) : 3	When DISA call is failed to route desired destination, the call can be retried as much as Retry Count.	0-9	3
4	PRESET FORWARD TIME (00–20): 00 (sec)	If the CO is not answered in Preset Forward Time, it will be routed to assigned ring Table.	00–20 (sec)	00
5	PRESET FWD RING TBL (01–80): ..	Preset Forward ring Table index can be assigned. (Refer to ALTERNATE RING ASSIGNMENT (PGM 181)).	01–80	–

2.3.4.6 CO Incoming Alternate Destination – PGM Code 169

When a DID or DISA call is routed to an abnormal destination (busy, DND, not available number etc.), the call can be rerouted to alternate destination. The destination is separately defined for Day/ Night/ Timed mode according to several conditions (busy, no answer, number of errors, transfer no answer, recall no answer, DND, etc) as described.

PROCEDURE:	
INCOMING CO ALT DEST ENTER COL RANGE	1. Press the **[PGM]** button and dial 169.
001–001 ENTER DAY MODE F1: DAY/F2: NIGHT/F3: TIMED	2. Use the dial–pad to enter a CO line range. For a single CO Line, enter the same number twice. For MG–100, acceptable range is 01–80, for MG–300, the acceptable range is 001–240.
001–001 DAY ALT DEST ENTER ERR TYPE (F1–F8)	3. Select Day mode and Dial Error Type; refer to Following Table.
See the following table DISPLAY	4. Press the desired Flex button; refer to Following Table.
	5. Use the dial–pad to enter desired data for the Attribute.
	6. Press the **[SAVE]** button to store the data entered.

Table 2.3.4.6-1 INCOMING ALTERNATE DESTINATION (PGM 169)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
–	001–002 DAY ALT DEST ENTER ERR TYPE (F1–F8)	Abnormal case can be selected as error type.	F1: Busy F2: No Answer F3: Invalid F4: Transfer No Answer F5: Recall No Answer F6: DND F7: OOS F8: Error	–
1	DAY) BUSY ATTR F1: DEST F2: PROMPT	Select the destination and Prompt usage for an error type. F1: Destination F2 : Prompt usage	–	–
1-1	DAY) BUSY DEST (1-8): DISCONNECT	Configure the destination for an error type. 1. DISCONNECT 2. ATTENDANT 3. CO RING ASSIGN 4. ALT RING TBL 5. TONE 6. PILOT HUNT GROUP 7. RING: The call is routed to the same destination again. Only possible for 'Transfer No Answer' or 'Recall No Answer' case. 8. XFER STA: The CO call is routed to the transferred station again. Only possible for	–	–

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
		'Transfer No Answer' case.		
1-2	DAY) BUSY PROMPT (1: ON / 0: OFF): OFF	Configure the prompt usage for an error type.	–	–

2.3.4.7 CO Outgoing Attributes I, II – PGM Codes 170 – 171

CO Outgoing Attributes define various characteristics of the CO lines under control of the system when there is an outgoing CO call.

PROCEDURE:	
OUTGOING CO ATTR1 ENTER COL RANGE	1. Press the **[PGM]** button and dial: 170 for CO Outgoing Attributes I 171 for CO Outgoing Attributes II
001–008 OG CO ATTR1 PRESS FLEX_KEY (01–20)	2. Use the dial pad to enter a CO Line range. For a single CO Line, enter the same number twice. For MG-100, acceptable range is 01–80, for MG-300, the acceptable range is 001–240.
SEE THE FOLLOWING TABLE DISPLAY	3. Press Flex button to access desired menu. Refer to the following Table for each attributes. Use the dial pad to change the value.
	4. Press the **[SAVE]** button to store the changed data.

Table 2.3.4.7-1 CO OUTGOING ATTRIBUTES I (PGM 170)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	SCREEN INDICATOR (1: ON/0: OFF) : OFF	Determines if screen indicator is used in ISDN message.	0: Off (user–provided, not screened) 1: On (user–provided, verified and passed)	Off
2	SENDING CALLER NO (1: ON/0: OFF) : ON	If this is set to ON Calling Party Number can be sent.	0: Off 1: On	On
3	CALLING TYPE (0–4): SUBSCRIBER	For outgoing calls on the ISDN Line, this parameter defines the "Type of Number Plan" provided in Calling Party Information Element of the ISDN call SETUP message.	0: Unknown 1: International 2: National 3: Subscriber 4: Not Used	Subscribe
4	CALLING NUM PLAN ID (0–5): UNKOWN	Select Calling number plan of ISDN SETUP message.	0: Unknown 1: I SDN/Telephony 2: Data 3: Telex 4: National 5: Private	Unknown

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
5	CALLED NUM PLAN ID (0–5): UNKNOWN	Select Called number plan of ISDN SETUP message.	0: Unknown 1: I SDN/Telephony 2: Data 3: Telex 4: National 5: Private	Unknown
6	BEARER CAPABILITY (0–5): SPEECH	Select Bearer Capability of ISDN SETUP message.	0: Speech 1: Unrestricted 2: Restricted 3: 3.1KHz Audio 4: 7KHz 5: Video	Speech
7	ISDN LINE TYPE (1: U–LAW/0: A–LAW): A–LAW	The system will encode voice using the A–law or u–law PCM format and should be set to match the ISDN Back bone type.	0: A–law 1: U–law	A–law
8	SENDING COMPLETE IE (1: ON/0: OFF) : OFF	If set, will send 'Sending Complete' IE to ISDN SETUP message.	0: Off 1: On	Off
9	MAKE TRANSIT CLI (1: ON/0: OFF) : OFF	When no CLI is sent with a transit call, system will initiate a CLI to CO direct transit call.	0: Off 1: On	Off
10	OWN CODE TO TRANSIT CLI (1: ON/0: OFF) : OFF	If this feature is set to ON and same feature of incoming CO attribute is also set to ON, then Own code of outgoing CO line is inserted to the CLI of transit CO call.	0: Off 1: On	Off
11	USE REPRESENTATIVE CLI (1: ON/0: OFF) : OFF	If this feature is set to ON, representative CLI is used to every outgoing call of selected CO line.	0: Off 1: On	Off
12	REPRESENTITIVE CLI	When 'Use Represent CID'(PGM 170-F10) is set to ON, representative CLI is sent when making outgoing call regardless of other CLI attribute.	Max. 16 digits	–
13	OWN CODE	CO Own code can be inserted before station number when making outgoing call CLI.	Max. 16 digits	–

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
14	CLI TYPE (0–3) NORMAL	CLI type can be selected. If set to Long CLI, only selected long CLI data is used instead of normal CLI.	0: Normal 1: Long CLI 1 (PGM 135–F10) 2: Long CLI 2 (PGM 135–F11) 3: Long CLI 3 (PGM 135–F12)	Normal
15	TRANSIT CLI TYPE (0–3) NORMAL	Transit CLI type can be selected. If set to transit CLI, only selected transit CLI data is used instead of normal CLI.	0: Normal 1: CLI 1 (PGM 165–F8) 2: CLI 2 (PGM 165–F9) 3: CLI 3 (PGM 165–F10)	Normal
16	CLI CONV. TABLE (1–9): .	Select CLI Conversion table index.	1–9, none	none
17	REDIRECTION NO (1: ON/0: OFF) : OFF	If this is set to ON, Redirection Number can be sent.	0: Off 1: On	Off
18	INFO.DIGIT SENDING MODE (1: ON/0: OFF) : OFF	If this is set to ON, Digits can be sent as Information message after system receives Call Proceeding Message	0: Off 1: On	Off
19	WAIT USER RLS FOR INBAND (0–1): WAIT USER RLS	This defines the operation when system receive the Disconnect Message with Progress Indication(In-band information) Immediate : When a system receives the DISCONNECT Message, CO Line can be released immediately Wait User Release : When a system receives the DISCONNECT Message, CO line is not released till an user release the line.	0: Immediate 1: Wait User Release	Wait user Release
20	DGT MAP OPT TBL IDX (01-20) : ..	Select Digit Map Option Table index	1-20, none	none

Table 2.3.4.7-2 CO OUTGOING ATTRIBUTES II (PGM 171)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	CPT DETECT (1: ON/0: OFF) : ON	If this feature is set to ON, CPT(Call Processing Tone) is detected and the line can be dropped.	0: Off 1: On	On
2	UNSUP CONF EXTEND (1: ON/0: OFF) : OFF	If this feature is set to ON, Unsupervised Conf Timer can be extended by dialing feature code after warning tone is heard.	0: Off 1: On	Off
3	PROVIDE RING BACK TN (1: ON/0: OFF) : OFF	If this feature is set to ON, dummy ring back tone is heard by system when CO line is seized.	0: Off 1: On	Off
4	BLF USAGE (1: ON/0: OFF) : OFF	If this feature is set to ON, flex button LED will be flashing when CO line is programmed on the button.	0: Off 1: On	On
5	RLS GUARD TIMER (00–15) : 02 (sec)	If CO release signaling is not completed successfully, CO line is disconnected when the timer expires.	00–15 (sec)	02
6	UNSUP CONF TIMER (000–255): 000 (min)	When there is conference call without supervisor, or there is any CO–to–CO call, the call is disconnected after the timer expires. The warning tone is heard before the line is disconnected.	000–255 (min)	000
7	MAX XFER RING TIMER (001–300): 120 (sec)	Max. Ring Time when outgoing CO is transferred/recalled.	001–300 (sec)	120
8	OUTGOING TIME TABLE (1–9): .	The time Table index to be applied to outgoing CO Calls.	1–9, none	none
9	LCD VOICE CONNECTION (0-1) INT DGT TIMER	This is defined as voice connection for Analog CO line. 0: INT DGT TIMER: Voice is connected after Inter digit timer. 1: Immediate: Voice is connected when a user seize the CO line.	0: Inter digit timer 1: Immediate	-
10	R2 RING SIGNAL GROUP (1-9): 1	For R2 line, there is R2 signal group mapping table (PGM 268). This parameter defines the R2 signal group mapping table's index number for backward signal.	1-9	1
11	ARS SERVICE (1:ON/0:OFF) : OFF	Alternative path can be used when all CO lines assigned to a CO access code are busy.	0: Off 1: On	Off
12	SEND DTMF AFTER DIALTONE (1:ON/0:OFF) : OFF	If this is set to ON, system sends DTMF signal after it detects the Dial Tone.	0: Off 1: On	Off
13	ALLOW # IN CO (1:ON/0:OFF) : OFF	Enables sending digit '#'.	0: Off 1: On	Off
14	PRI(T1) CALLER NAME …….	Enables calling party name entry. According to caller name type, message type is defined.	Max. 16 Chars	

2.3.4.8 CO Outgoing Alternate Destination – PGM Code 173

Calls can be routed to an alternate destination that can be separately defined for Day/ Night/ Timed mode according to several conditions.

PROCEDURE:	
CO OUTGOING ALT DEST ENTER COL RANGE	1. Press the **[PGM]** button and dial 173.
001–002 ENTER DAY MODE F1: DAY/F2: NIGHT/F3: TIMED	2. Use the dial–pad to enter a CO line range. For a single CO Line, enter the same number twice. For MG-100, acceptable range is 01–80, for MG-300, the acceptable range is 001–240.
001–002 DAY ALT DEST ENTER ERR TYPE (F1–F3)	3. Select Day mode and Dial Error Type; refer to Following Table.
See the following table DISPLAY	4. Press the desired Flex button; refer to Following Table.
	5. Use the dial–pad to enter desired data for the Attribute.
	6. Press the **[SAVE]** button to store the data entry.

Table 2.3.4.8-1 CO OUTGOING ALTERNATE DESTINATION (PGM 173)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
–	001–002 DAY ALT DEST ENTER ERR TYPE (F1–F3)	Abnormal case can be selected as error type.	F1: Recall No Answer F2: Transfer No Answer F3: No Answer	–
1	DAY) RECALL NO ANS(1-8) ATTENDANT	Select the destination for Recall No Answer case. (DISCONNECT/ATTENDANT/CO RING ASSIGN/ALT RING TBL/TONE/PILOT HUNT GROUP/RING)	–	–
2	DAY) XFER NO ANS(1-8) ATTENDANT	Select the destination for Transfer No Answer case. (DISCONNECT/ATTENDANT/CO RING ASSIGN/ALT RING TBL/TONE/PILOT HUNT GROUP/RING/XFER STA)	–	–
3	DAY) NO ANSWER(1-8) ATTENDANT	Select the destination for No Answer case. (DISCONNECT/ATTENDANT/CO RING ASSIGN/ALT RING TBL/TONE/PILOT HUNT GROUP/RING)	–	–

2.3.4.9 CO Outgoing Inter−Digit Timer – PGM Code 174

When making an outgoing call with Inband DTMF tone, the time limit to enter digits can be adjusted. After timeout, the voice path is automatically connected.

PROCEDURE:	
OUTGOING INTER DGT TMR ENTER COL RANGE	1. Press the **[PGM]** button and dial 174.
001–002 INT DGT TMR PRESS FLEX_KEY (1–7)	2. Use the dial–pad to enter a CO line range. For a single CO Line, enter the same number twice. For MG−100, acceptable range is 01–80, for MG−300, the acceptable range is 001–240.
See Following Table2.3.4.2–1 DISPLAY	3. Press the desired Flex button; refer to Following Table.
	4. Use the dial–pad to enter desired data for the Attribute.
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.4.9-1 CO OUTGOING INTER DIGIT TIMER (PGM 174)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	SEIZE WAIT TIME (005–200) : 020 (100msec)	Wait time before first digit.	005–200 (100msec)	020
2	FIRST DGT (010–200) : 100 (100msec)	Time limit between first digit and the next digit.	010–200 (100msec)	100
3	SENCOND DGT (010–200) : 080 (100msec)	Time limit between second digit and the next digit.	010–200 (100msec)	080
4	THIRD DGT (010–200) : 070 (100msec)	Time limit between third digit and the next digit.	010–200 (100msec)	070
5	FORTH DGT (010–200) : 060 (100msec)	Time limit between forth digit and the next digit.	010–200 (100msec)	060
6	FIFTH DGT (010–200) : 050 (100msec)	Time limit between fifth digit and the next digit.	010–200 (100msec)	050
7	MORE THAN 6TH (010–200) : 040 (100msec)	Time limit between digit and the next digit after sixth digit.	010–200 (100msec)	040

2.3.4.10 CO DTMF Sending Delay Timer – PGM Code 175

When making outgoing CO calls, the time interval to send DTMF tones of each digit can be adjusted. This feature is useful for the Speed Dial or Redial feature.

PROCEDURE:	
DTMF SENDING DELAY TMR ENTER COL RANGE	1. Press the **[PGM]** button and dial 175.
001–002 DELAY TMR PRESS FLEX_KEY (1–7)	2. Use the dial–pad to enter a CO line range. For a single CO Line, enter the same number twice. For MG–100, acceptable range is 01–80, for MG–300, the acceptable range is 001–240.
See the following table DISPLAY	3. Press the desired Flex button; refer to Following Table.
	4. Use the dial–pad to enter desired data for the Attribute.
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.4.10-1 DTMF SENDING DELAY TMR (PGM 175)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	FIRST DTMF DELAY (00–90) : 05 (100msec)	Delay time before sending first digit.	00–90 (100msec)	05
2	SECOND DTMF DELAY (00–90) : 02 (100msec)	Delay time before sending next digit after sending first digit DTMF tone.	00–90 (100msec)	02
3	THIRD DTMF DELAY (00–90) : 02 (100msec)	Delay time before sending next digit after sending second digit DTMF tone.	00–90 (100msec)	02
4	FORTH DTMF DELAY (00–90) : 02 (100msec)	Delay time before sending next digit after sending third digit DTMF tone.	00–90 (100msec)	02
5	FIFTH DTMF DELAY (00–90) : 02 (100msec)	Delay time before sending next digit after sending forth digit DTMF tone.	00–90 (100msec)	02
6	SIXTH DTMF DELAY (00–90) : 02 (100msec)	Delay time before sending next digit after sending fifth digit DTMF tone.	00–90 (100msec)	02
7	MORE THAN 7 (00–90) : 02 (100msec)	Delay time before sending next digit after sending sixth digit DTMF tone.	00–90 (100msec)	02

2.3.4.11 CO COS Assignment – PGM Code 177

Every CO line has its own COS and the toll of assigned COS is applied to the CO call (refer to TOLL TABLE ATTRIBUTES (PGM 250)).

PROCEDURE:	
CO COS ASSIGNMENT ENTER COL RANGE	1. Press the **[PGM]** button and dial 177.
001–002 CO COS ASSIGN F1: DAY/F2: NIGHT/F3: TIMED	2. Use the dial–pad to enter a CO line range. For a single CO Line, enter the same number twice. For MG-100, acceptable range is 01–80, for MG-300, the acceptable range is 001–240.
001–002 DAY COS (00–15) : 00	3. After select desired day mode, use the dial–pad to assign COS Table bin number.
	4. Press the **[SAVE]** button to store the data entry.

Table 2.3.4.11-1 CO COS ATTRIBUTES (PGM 177)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	001–002 DAY COS (00–15) : 00	CO COS in Day mode	00–15	0
2	001–002 NIGHT COS (00–15) : 00	CO COS in Night mode	00–15	0
3	001–002 TIMED COS (00–15) : 00	CO COS in Timed mode	00–15	0

2.3.4.12 CO to CO Transfer Attributes – PGM Code 179

When there is CO transit call, transfer options can be set separately to each CO groups.

PROCEDURE:	
CO TO CO XFER ATTR ENTER FIRST CO GRP NO	1. Press the **[PGM]** button and dial 179.
CO TO CO XFER ATTR ENTER SECOND CO GRP NO	2. Use the dial–pad to enter the first CO Group Number. Available CO Group number is 01–72 in MG-300, 01–24 in MG-100 system.
XFER CO GRP 01 TO GRP 02 PRESS FLEX_KEY (1–9)	3. Use the dial–pad to enter the second CO Group Number. Available CO Group number is 01–72 in MG-300, 01–24 in MG-100 system.
See the following table DISPLAY	4. Press the desired Flex button; refer to Following Table.
	5. Use the dial-pad to enter desired data for the Attribute.
	6. Press the **[SAVE]** button to store the data entry.

Table 2.3.4.12-1 CO TO CO TRANSFER ATTRIBUTES (PGM 179)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	STA OG CALL XFER (1: ON/0: OFF) : ON	While stations are connected to outgoing CO call of first CO Group, the station can transfer the call to second CO group.	0: Off 1: On	ON
2	ATD OG CALL XFER (1: ON/0: OFF) : ON	While ATD is connected to outgoing CO call of first CO Group, the ATD can transfer the call to second CO group.	0: Off 1: On	ON
3	OG CALL XFER RLS TYPE (0–1) : NONE	If outgoing CO call can be transferred to other CO call, release type can be set. If set to None, it is not disconnected.	0: None 1: Release after Release Timer	None
4	OG CALL XFER RLS TIME (0000–3600) : 060 (sec)	If an outgoing CO call is transferred to CO call and CO – to – CO call is started, the call is disconnected after release time, when release type is set to 'Rls after Rls Time'. Before disconnecting, a warning tone is provided.	0000–3600 (sec)	060
5	IC CALL XFER DIRECTLY (1: ON/0: OFF) : OFF	If this feature is set to ON, CO incoming call can be transferred directly without any stations or ATD to transfer the call.	0: Off 1: On	OFF

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
6	STA IC CALL XFER (1: ON/0: OFF) : ON	While stations are connected to incoming CO call of first CO Group, the station can transfer the call to second CO group.	0: Off 1: On	ON
7	ATD IC CALL XFER (1: ON/0: OFF) : ON	While ATD is connected to incoming CO call of first CO Group, the ATD can transfer the call to second CO group.	0: Off 1: On	ON
8	IC CALL XFER RLS TYPE (0–1) : NONE	If incoming CO call can be transferred to other CO call, release type can be set. If set to None, it is not disconnected.	0: None 1: Release after Release Timer	None
9	IC CALL XFER RLS TIME (0000–3600) : 0060 (sec)	If an incoming CO call is transferred to CO call and CO – to – CO call is started, the call is disconnected after release time, when release type is set to 'Rls after Rls Time'. Before disconnected, warning tone is provided.	0000–3600 (sec)	0060

2.3.4.13 CO Group Access Code Attribute – PGM Code 180

Each CO Group Access Code allows user to access the CO group using different codes and different options.

PROCEDURE:	
CO GRP ACCESS CODE ATTR ENTER ACCESS CODE	1. Press the **[PGM]** button and dial 180.
9 ATTR PRESS FLEX_KEY (1–12)	2. Use the dial–pad to enter CO Grp Access Code. Access code can be edited in Numbering Plan (PGM 114).
See Following Table DISPLAY	3. Press the desired Flex button; refer to the following Table.
	4. Use the dial–pad to enter desired data for the Attribute.
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.4.13-1 CO GROUP ACCESS CODE ATTRIBUTES (PGM 180)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	9 ACCESS CODE NAME	When a CO Grp Access code is dialed or Flex Button is pressed; name is displayed on the station's LCD.	Max. 16 characters	–
2	9 CO LINE CHOICE (0–2) : LAST LINE	Decide to select to CO line priority to seize. **NOTE** When Outgoing Group Number is not assigned, this option is not applied.	0: Round Robin 1: Last Line 2: First Line	Round Robin
3	9 OUTGOING GRP NO (01–72) : ..	Determines the CO Group number used to seize. **NOTE** If not assigned, the access code is used as LOOP key.	01–72 (MG–300) 01–24 (MG–100) Not Assigned	9: Not Assigned 801-872: 01-72 (MG-300) 801-824: 01-24 (MG-100)
4	9 AND DGT	Automatic Network Dialing (AND) digit is sent after CO line seized. This feature allows user to initiate CO calls only by dialing CO Group Access Code.	Max. 10 digits	–
5	EMERGENCY SERVICE (1:ON/0:OFF) : OFF	If Emergency Force Service is set and all co line is busy, a CO line can be disconnected and emergency call can be served.	0: OFF 1: ON	OFF

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
6	9 ARS SERVICE (1: ON/0: OFF) : OFF	If Alternate Route Selection (ARS) is set, ARS digit is dialed instead of CO Group Access code when there is no available path.	0: Off 1: On	OFF
7	9 ARS 1 CO ACC	Alternate CO Group Access code to be used when original CO Group Access code failed to find available CO line.	Max. 8 digits	–
8	9 ARS 1 USAGE (0-3) : CONVERTED	When alternate CO Group Access code is used, this field defines digits to send	0: Converted 1: Original 2: Converted(Digit Conversion Table) 3:Original(Digit Conversion Table)	Converted
9	9 ARS 1 DGT CONV TBL (1-9) : .	Digit conversion table to convert ARS digit	1-9	–
10	9 ARS 2 CO ACC	Second alternate CO Group Access code to be used when original CO Group Access code and first ARS code failed to find available CO line.	Max. 8 digits	–
11	9 ARS 2 USAGE (0-3) : CONVERTED	When alternate CO Group Access code is used, this field defines if original digits or converted digits are used.	0: Converted 1: Original 2: Converted(Digit Conversion Table) 3:Original(Digit Conversion Table)	Converted
12	9 ARS 2 DGT CONV TBL (1-9) : .	Digit conversion table to convert ARS digit	1-9	–

2.3.4.14 Alternate Ring Assignment – PGM Code 181

There is a supplementary ring assignment table, which is used for alternative destination or ICLID destination, CO Preset Call Forward, Holiday Ring Table, etc. The destination can be stations (no delay value) or any feature code.

PROCEDURE:	
ALT RING TABLE ASSIGN ENTER TBL INDEX (01–80)	1. Press the **[PGM]** button and dial 181.
01 ALT RING TBL PRESS FLEX_KEY (1–4)	2. Enter Table index.
See the following table DISPLAY	3. Press the desired Flex button; refer to Following Table.
	4. Use the dial–pad to enter desired data for the Attribute.
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.4.14-1 ALTERNATE RING ASSIGNMENT (PGM 181)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	SERVICE TYPE (0–1) : RING ASSIGN	If set as 0, ring option is applied to ring assigned stations. Otherwise, if set to 1, feature code is activated for incoming calls.	0: Ring Assign 1: Feature Code	Ring Assign
2	CO RING ASSIGN	Destination stations can be edited using a range or one by one. If press Flex 1-3 and then dial station range (up to 30 stations) or edit one station number.	station number	–
3	FEATURE CODE	If set to Feature Code and valid feature code is assigned, then assigned feature is activated when there is an incoming call. **NOTE** Feature Code is not applied to rerouted calls.	Valid Feature Code (Refer to STATION GROUP NUMBER (PGM 115))	–
4	FEATURE DELAY (3sec) (00–30) : 00	If Service type is set to Feature code, it can be delayed.	00–30	00

2.3.4.15 CO MATM Attribute – PGM Code 182

A number of timers can be assigned to control and affect MATM features and functions of the System.

PROCEDURE:	
CO MATM ATTR ENTER COL RANGE	1. Press the **[PGM]** button and dial 182.
001–002 MATM TMR PRESS FLEX_KEY (1–9)	2. Use the dial–pad to enter a CO line range. For a single CO Line, enter the same number twice. For MG–100, acceptable range is 01–80, for MG–300, the acceptable range is 001–240.
See Following Table2.3.4.15–1 DISPLAY	3. Press the desired Flex button; refer to Following Table.
	4. Use the dial–pad to enter desired data for the Attribute.
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.4.15-1 CO MATM Attribute (PGM 182)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	DLY START TIMER (000-255) : 006	Determine the time of delay start timer. This timer only for EM type.	005–200 (100msec)	006
2	SND WINK TIMER (000–255) : 006	Determine the time of send wink timer. This timer only for EM type.	010–200 (100msec)	006
3	SND ANS TIMER (000–255) : 006	Determine the time of send answer timer. This timer only for EM type.	010–200 (100msec)	006
4	OSND RLS TIMER (000–255) : 013	Determine the time of osnd release timer. This timer only for EM type.	010–200 (100msec)	013
5	SND RNG ON TIMER (004–255) : 020	Determine the time of send ring on timer. This timer only for CO, RD type.	010–200 (100msec)	020
6	SND RNG OFF TIMER (004–255) : 040	Determine the time of send ring off timer. This timer only for CO, RD type.	010–200 (100msec)	040
7	SND RING RPTCNT CO (000–255) : 008	Determine the time of send ring repeat count co timer. This timer only for CO, RD type.	010–200 (100msec)	008
8	SND RING RPT CNT RD (01-20) : 02	Determine the time of send ring repeat count read timer. This timer only for CO, RD type.		02
9	EM SIGNAL MODE (0-1): 2W	Determine the EM signal mode 2W(0) or 4W(1). This timer only for EM type. If you change this ADMIN, need MATM reset.		2W(0)

2.3.5 STATION GROUP DATA – PGM Codes 200 – 215

Stations can be grouped for call routing, dialing, call pick-up, or various purposes.

The following groups can be defined:

- Station Group: Terminal / Circular / Ring / Longest Idle / Voice Mail
- Pick Up Group
- Paging Group
- Command call Group
- PTT Group
- Interphone Group
- Pilot Hunt Group
- ACD Group

2.3.5.1 Station Group Assign – PGM Code 200

Stations can be grouped so that incoming calls will search (hunt) for an idle station in the group. The system allows assignment of hunt processes, Terminal, Circular, Ring, Longest Idle and VM.

The Station Group capacities for the iPECS-MG system are shown in Table 2.3.5.1-1.

Table 2.3.5.1-1 STATION GROUP CAPACITY

ITEM	CAPACITY	
	iPECS−MG 100	iPECS−MG 300
Number of Groups	20	50
Member in a Group	50	50

Certain types of groups can incorporate announcements, which are given to the calling party. The system VMIB can store up to seventy (70) announcements for use with Station Groups.

NOTE
A station can belong to multiple groups.

To assign Station Group, at first Group Type should be assigned and then Group Name, Tenant No, Time Table, Pick-Up attribute and Members can be assigned to the Station Group. Refer to Table 2.3.5.1-2 for a description of the functions, the LCD displays and data entries required.

PROCEDURE:	
STATION GROUP ASSIGN ENTER NO (620–669)	1. Press the **[PGM]** button and dial 200.
620 STATION GR. PRESS FLEX KEY (1-6)	2. Use the dial pad to enter the desired Station Group number (620–639 for the iPECS–MG 100 and 620–669 for iPECS−MG 300).
Refer to the following table DISPLAY	3. Press the Flex button for the desired setting; refer to the following Table.

	4. Use the dial pad to enter the desired Station Group data. **NOTE** For group members, enter a station or station range. For an individual station press the desired Flex button for the position of the station in the group and dial the station number. For a range, enter the first and last station number in the range.
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.5.1-1 STATION GROUP ASSIGNMENT (PGM 200)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	620 GROUP TYPE 0.NOT ASG (0–5)	This entry defines the type of station group.	0: Not Assign 1: Terminal 2: Circular 3: Ring 4: Longest Idle 5: Voice Mail	Not Assign
2	620 GROUP NAME	This entry defines the name of group.	Max. 16 characters	–
3	620 TENANT NO (1–9) : 1	This entry assigns a tenant of station group. According to the Tenant Group Access, Stations in other groups are allowed or denied the ability to place intercom calls to this Station group.	1–9 (MG–300) 1–5 (MG–100)	1
4	620 TIME TABLE IDX (1–9) : 1	Time Table index. If Forward Apply Time (Day, Night, Timed) is assigned, the time is determined by this Time table index.	1–9	1
5	620 PICKUP OPTION 0. DISABLE (0–3)	Stations can pick–up group calls ringing at other stations in the group. Time Table index.Stations can pick-up group calls ringing at other stations in the group. According to the value, Station group can be set to Pick-Up group.	0: Disable 1: All Call 2: Intercom 3: External	Disable
6	620 MEMBER ASSIGN	Max. 50 members		-

2.3.5.2 Station Group Greeting/Queuing Attributes – PGM Code 201

Each type of group has a different set of available attributes relating to the greeting and queuing announcements, time. Table 2.3.5.2-1 provides descriptions for the attributes, LCD displays and data entries required.

PROCEDURE:	
GREETING/QUEUING ATTR ENTER NO (620–669)	1. Press the **[PGM]** button and dial 201.
620 GRT/QUEUE ATTR PRESS FLEX_KEY (01–22)	2. Use the dial pad to enter the desired Station Group number (620–639 for the iPECS–MG 100 and 620–669 for iPECS–MG 300).
Refer to the following table DISPLAY	3. Press the Flex button for the desired attribute; refer to the following Table.
	4. Use the dial pad to enter the desired Group Attributes data, refer to the following Table.
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.5.2-1 STATION GROUP ATTRIBUTES (PGM 201)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	620 GREETING TYPE (01–15): 1 (NORMAL TONE)	This entry defines the type of greeting tone. When the Station Group is called, Greeting Tone is always provided.	1: Normal 2: Prompt 3: Annc 4: INT MOH 5: EXT MOH 6: VMIB MOH1 7: VMIB MOH2 8: VMIB MOH3 9: VMIB MOH4 (MG-300 Only) 10: SLT MOH1 11: SLT MOH2 12: SLT MOH3 13: SLT MOH4 14: SLT MOH5 15: Not Use	Normal
2	620 GREETING PLAY (000–180) : 000 (sec)	This entry defines greeting play time. Greeting is played during this time.	000–180 (seconds)	000
3	620 GREETING TONE NO (01–19) : ..	This entry defines greeting tone number in case greeting type is normal. Tone of Tone Frequency/Cadence (PGM 264) is provided.	01–19	NOT ASG
4	620 GREETING PRT/ANNC (001–255) : ...	This entry defines greeting prompt / annc Number in case greeting type is PROMPT/ANNC. Announcement No of Announcement Table(PGM 259) is provided.	001–255	NOT ASG

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
5	620 GREETING RPT NO (000–100) : 003	This entry defines greeting repeat number. After a Greeting, system repeats the Greeting for this value. If value is 0, the Greeting is repeated infinitely. Or, greeting is stop when the Greeting Play timer is expired.	000–100	3
6	620 GREETING RPT DELAY (000–100) : 000 (sec)	This entry defines the pause timer before greeting repeat. This time for the delay between Greetings.	000–100 (seconds)	0
7	620 QUEUING TYPE (01–15): 1 (NORMAL TONE)	This entry defines the type of queuing tone. When all members are busy or set to Call Forward or in DND, Queuing Tone is provided.	1: Normal 2: Prompt 3: Annc 4: INT MOH 5: EXT MOH 6: VMIB MOH1 7: VMIB MOH2 8: VMIB MOH3 9: VMIB MOH4 (MG300 ONLY) 10: SLT MOH1 11: SLT MOH2 12: SLT MOH3 13: SLT MOH4 14: SLT MOH5 15: Not Use	Annc
8	620 QUEUING TIMER (000–180) : 030 (sec)	This entry defines the timer for queuing forward or second queuing announcement. If this timer is expired, the Second Queuing Announcement is provided or the call is forwarded according to Forward Type.	000–300 (seconds)	30
9	620 QUEUING TONE NO (01–19) : ..	This entry defines queuing tone number in case queuing type is normal. Tone of Tone Frequency/Cadence (PGM 264) is provided.	01–19	NOT ASG
10	620 QUEUING PRT/ANNC (001–255) : ...	This entry defines queuing prompt / annc Number in case queuing type is PROMPT/ANNC. Announcement No of Announcement Table (PGM 259) is provided.	001–255	NOT ASG

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
11	620 QUEUING REPEAT NO (000–100) : 003	This entry defines queuing repeat number. After a Queuing announcement, system repeats the announcement for this value. If value is 0, the announcement is repeated infinitely. Or, announcement is stop when the Queuing timer is expired.	000–100	3
12	620 QUEUING RPT DELAY (000–100) : 000 (sec)	This entry defines the pause timer before queuing repeat. This time for the delay between Queuing Announcements.	000–100 (seconds)	0
13	620 QUEUING CCR (1: ON/0: OFF): OFF	This entry defines CCR option during queuing announcement is provided. If Queuing Tone type is Announcement, CCR is operated according to CCR Table Index of Announcement Table (PGM 259).	1: ON 0: OFF	OFF
14	620 MOH FOR ANNC. (01–12): 2 (INT MOH)	This entry defines MOH option during queuing annc. Pause time.	1. OFF 2. INT MOH 3. EXT MOH 4: VMIB MOH1 5: VMIB MOH2 6: VMIB MOH3 7: VMIB MOH4 (MG300 ONLY) 8:SLT MOH1 9:SLT MOH2 10:SLT MOH3 11:SLT MOH4 12:SLT MOH5	INT MOH
15	620 SECOND Q. TYPE (01–15): 1 (NORMAL TONE)	This entry defines the type of second queuing tone. When Queuing Forward/Second Queuing Announcement Timer of First Queuing announcement is expired and all members of the Station group are busy or set to call forward or in DND, the Second Queuing Announcement is provided.	1: Normal 2: Prompt 3: Annc 4: INT MOH 5: EXT MOH 6: VMIB MOH1 7: VMIB MOH2 8: VMIB MOH3 9: VMIB MOH4 (MG300 ONLY) 10: SLT MOH1 11: SLT MOH2 12: SLT MOH3 13: SLT MOH4 14: SLT MOH5 15: Not Use	INT MOH

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
16	620 SECOND Q. TIMER (000–180) : 030 (sec)	This entry defines the timer for forward destination. When this timer is expired, the call is forwarded according to Forward Type.	000–300 (seconds)	30
17	620 SECOND TONE NO (01–19) : ..	This entry defines second queuing tone number in case queuing type is normal. Tone of Tone Frequency/Cadence (PGM 264) is provided.	01–19	NOT ASG
18	620 SECOND PRT/ANNC (001–255) : ...	This entry defines second queuing prompt / annc Number in case queuing type is PROMPT/ANNC. If Queuing Tone type is Announcement, CCR is operated according to CCR Table Index of Announcement Table (PGM 259).	001–255	NOT ASG
19	620 SECOND REPEAT NO (000–100) : 003	This entry defines second queuing repeat number. After a Queuing announcement, system repeats the announcement for this value. If value is 0, the announcement is repeated infinitely. Or, announcement is stop when the Queuing timer is expired.	000–100	3
20	620 SECOND RPT DELAY (000–100) : 000 (sec)	This entry defines the pause timer before second queuing repeat. This time for the delay between Queuing Announcements.	000–100 (seconds)	0
21	620 SECOND CCR (1: ON/0: OFF): OFF	This entry defines CCR option during second queuing announcement is provided. If Queuing Tone type is Announcement, CCR is operated according to CCR Table Index of Announcement Table (PGM 259).	0–1	0
22	620 MOH FOR ANNC. (01–12): 2 (INT MOH)	This entry defines MOH option during second queuing annc. Pause time.	1. OFF 2. INT MOH 3. EXT MOH 4: VMIB MOH1 5: VMIB MOH2 6: VMIB MOH3 7: VMIB MOH4 (MG300 ONLY) 8:SLT MOH1 9:SLT MOH2 10:SLT MOH3 11:SLT MOH4 12:SLT MOH5	INT MOH

2.3.5.3 Station Group Attributes – PGM Code 202

Each type of group has available attributes relating to announcements, timers, forward, etc. Table 2.3.5.3-1 provides descriptions for the attributes, LCD displays and data entries required.

PROCEDURE:	
STATION GROUP ATTR ENTER NO (620–669)	1. Press the **[PGM]** button and dial 202.
620 GROUP ATTR PRESS FLEX_KEY (1–9)	2. Use the dial pad to enter the desired Station Group number (620–639 for the iPECS–MG 100 and 620–669 for iPECS–MG 300).
Refer to the following table DISPLAY	3. Press the Flex button for the desired attribute; refer to the following Table.
	4. Use the dial pad to enter the desired Group Attributes data, refer to the following Table.
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.5.3-1 STATION GROUP ATTRIBUTES (PGM 202)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	620 CALL IN GREETING (0–1): AFTER GREETING	This entry defines if a call is routed to destination during greeting tone is played. After Greeting: After a Greeting, rings to members. In Greeting: When a Greeting is played, rings to members.	0.After Greeting 1. In Greeting	After Greeting
2	620 MAX QUEUE COUNT (00–99) : 00	This entry defines queue count.	00–99	00
3	620 FORWARD TYPE 0.NOT USED (0–4)	This entry defines forward type. 0. Not used 1. Unconditional: a call is routed to a forward destination unconditionally. 2. Queuing overflow: a call is routed to a forward destination when a queue is overflow. 3. Tmeout: a call is routed to a forward destination when a timeout timer is expired. 4. All: a call is routed to a forward destination when a queue is overflow or Timeout timer is expired.	0. NOT USED 1. UNCOND 2. Q Overflow 3. Time out 4. All	NOT USED
4	620 APPLY TIME TYPE 0. ALL (0–3)	This entry defines a time to apply forward type.	0. ALL 1. DAY 2. NIGHT 3. TIMED	ALL
5	620 FWD DESTINATION	This entry defines a forward destination. (Trunk access code should be included.)	Max. 16 digits	None

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
6	620 WRAP UP TMR (000–600) : 010 (100ms)	This entry defines a wrap up timer. A member is available when this timer is expired after a member goes to idle.	000–600	010
7	620 MEMBER NO ANS TMR (05–60): 15 (sec)	This entry defines no answer timer about each member. If this timer is expired, a call is routed to the next member.	05–60	15
8	620 RING NO ANS TMR (000–180): 000 (sec)	This entry defines ring no answer timer. If this timer is expired, a call is routed to the forward destination according to forward type.	0–180	0
9	620 PROVIDE ANNC. (0–1): WITH ANSWER	This entry defines if system answers the call when a greeting or queuing announcement is provided.	0: with answer 1: w/o answer	with answer
10	620 RING FOR FWD MEM (0-1): NO RING	This entry defines if system provides ring service when a member goes to unconditional forward state.	0: No Ring 1: FWDED STA	No Ring

2.3.5.4 Voice Mail Group Attributes – PGM Code 203

Voice Mail group has available attributes relating to dialing service as put mail, get mail, etc. Table 2.3.5.4-1 provides descriptions for the attributes, LCD displays and data entries required.

PROCEDURE:	
VM GROUP ATTR ENTER NO (620–669)	1. Press the **[PGM]** button and dial 203.
620 VM ATTR PRESS FLEX_KEY (1–7)	2. Use the dial pad to enter the desired Station Group number (620–639 for the iPECS–MG 100 and 620–669 for iPECS–MG 300).
Refer to the following table DISPLAY	3. Press the Flex button for the desired attribute; refer to the following Table.
	4. Use the dial pad to enter the desired Group Attributes data, refer to the following Table.
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.5.4-1 STATION GROUP ATTRIBUTES (PGM 203)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	620 VM PUT MAIL INDEX (1–9) : 1	For external analog Voice Mail groups, an index to the Voice Mail Dial Table, which contains the “Put Mail” dial code.	1–9	1
2	620 VM GET MAIL INDEX (1–9) : 2	For external analog Voice Mail groups, an index to the Voice Mail Dial Table, which contains the “Get Mail” dial code.	1–9	2
3	620 VM BUSY INDEX (1–9) : 3	For external analog Voice Mail groups, an index to the Voice Mail Dial Table, which contains the “Busy” dial code.	1–9	3
4	620 VM NO ANS INDEX (1–9) : 4	For external analog Voice Mail groups, an index to the Voice Mail Dial Table, which contains the “No answer” dial code.	1–9	4
5	620 VM DISCONNECT (1–9) : 1	For external analog Voice Mail groups, an index to the Voice Mail Dial Table, which contains the “Disconnect” dial code.	1–9	9
6	620 SMDI TYPE 0. TYPE 1 (0–1)	This entry defines SMDI Type. This entry is for voice mail which supports SDMI interface.	0. Type1 1. Type2	Type 1
7	SMDI CLI INFO (1: ON/0: OFF): OFF	This entry defines SMDI CLI Information. If this is enable, system sends SMDI with CLI.	ON/OFF	OFF

2.3.5.5 Pick Up Group – PGM Code 204

A Station can be assigned to a Call Pick-Up group and may pick-up (answer) calls to other stations in the group employing the System's Group Call Pick-Up feature.

Station Groups can be added as Pick -Up Groups with Pick-Up Attributes. Pick-up Groups can be set to pick-up all calls, internal calls only or external calls only. Station Pick-up Group capacities for the iPECS-MG system are shown in Table 2.3.5.5-1 below.

Table 2.3.5.5-1 STATION PICK-UP GROUP CAPACITY

ITEM	CAPACITY	
	iPECS−MG 100	iPECS−MG 300
Number of Groups	20	50
Member in a Group	100	100

PROCEDURE:	
PICK UP GROUP INDEX ENTER BIN NO (01–50)	1. Press the **[PGM]** button and dial 204.
001 PICK UP GRP. ATTR PRESS FLEX KEY (1–2)	2. Use the dial pad to enter the desired Pickup Group (01–50 for the iPECS-MG 100 and 001–100 for the iPECS-MG 300). The system will display the attribute of pickup group.
Refer to table 2.3.5.5-2 DISPLAY	**NOTE** For group members, enter a station or station range. For an individual station press the desired Flex button for the position of the station in the group and dial the station number. For a range, enter the first and last station number in the range
	3. Press the **[SAVE]** button to store the data entry.

Table 2.3.5.5-2 PICKUP GROUP ASSIGNMENT (PGM 204)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	01 PICK UP CONDITION 0.ALL CALL (0–2)	This entry defines pick up condition. (All/Internal/External)	0. ALL CALL 1. INT CALL 2. EXT CALL	ALL CALL
2	01 PICK UP MEMBER ASG	Assigns stations as members of a Station pickup group.		–

2.3.5.6 Page Group – PGM Code 205

Under Page Group Assignments members are assigned to the Page Group (refer to Table 2.3.5.6-2 for a description of the functions, the LCD displays and data entries required).

The Page Group capacities for the iPECS-MG system are shown in Table 2.3.5.6-1, below.

Table 2.3.5.6-1 PAGE GROUP CAPACITY

ITEM	CAPACITY	
	iPECS−MG 100	iPECS−MG 300
Number of Page Groups	15	30
Member in a Group	50	50

PROCEDURE:	
PAGE GROUP INDEX ENTER BIN NO (01–30)	1. Press the **[PGM]** button and dial 205.
01 PAGE MEMBER ASG	2. Use the dial pad to enter the desired Page Group (01–15 for the iPECS-MG 100 and 01–30 for the iPECS-MG 300). The system will display the member of Page group.
Refer to the following table DISPLAY	**NOTE** For group members, enter a station or station range. For an individual station press the desired Flex button for the position of the station in the group and dial the station number. For a range, enter the first and last station number in the range.
	3. Press the **[SAVE]** button to store the data entry.

Table 2.3.5.6-2 PAGE GROUP ATTR (PGM 205)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
	01 PAGE MEMBER ASG	Assigns stations as members of a Page group.		–

2.3.5.7 Command Conference Group – PGM Code 206

Stations and external contacts can be arranged in groups so that a user may create a conference with all members of the group via a single call. Member assignment is only available using the Web admin (refer to Table 2.3.5.7-2, and ***iPECS Web Administration Manual)***, the LCD displays and data entries required).

Table 2.3.5.7-1 COMMAND CONFERENCE GROUP CAPACITY

ITEM	CAPACITY	
	iPECS−MG 100	iPECS−MG 300
Number of Groups	10	10
Member in a Group	12	12

PROCEDURE:	
CMD CONF GROUP INDEX ENTER BIN NO (01–10)	1. Press the **[PGM]** button and dial 206.
01 CMD CONF GROUP ATTR PRESS FLEX KEY (1–3)	2. Use the dial pad to enter the desired Command Call group (01–10 for the iPECS–MG 100 and iPECS−MG 300). The system will display the attribute of Command Call group.
Refer to the following table DISPLAY	**NOTE** For group members, only available using Web Admin.
	3. Press the **[SAVE]** button to store the data entry.

Table 2.3.5.7-2 COMMAND CONFERENCE GROUP ASSIGNMENT (PGM 206)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	01 ON HOOK SERVICE (0–1): ON HOOK ALLOW	Determines the On Hook Service; if On Hook Allow is set, the system allows ON HOOK service. When Recall is selected, system will RECALL when user Station is on–hook.	0: ON HOOK ALLOW 1: RECALL	ON HOOK ALLOW
2	01 ONE WAY BUSY 0. BUSY (0–2)	Determines handling of ONE WAY BUSY calls. BUSY: If a member is busy, this member is excluded from the command call. REQUEST QUEUING: The call is queued on the member. Member can join the command call by answering the queued call, RECOVER CALL: Release a member's current call and invite the member to command call forcedly.	0: BUSY 1: REQEST QUEUING 2: RECOVER CALL	BUSY
3	01 BOTH WAY BUSY 0. BUSY (0–2)	Determines handling of BOTH WAY BUSY calls. BUSY: If a member is busy, this member is excluded from the command call. REQUEST QUEUING: The call is queued on the member. Member can join the conference call by answering the queued call, RECOVER CALL: Release a member's current call and invite the member to conference call forcedly.	0: BUSY 1: REQEST QUEUING 2: RECOVER CALL	BUSY

2.3.5.8 PTT Group – PGM Code 208

Each Phone can be assigned as a member of one or more Push-To-Talk groups. The PTT Group capacities for the iPECS-MG system are shown in Table 2.3.5.8-1 as below.

Table 2.3.5.8-1 PTT GROUP CAPACITY

ITEM	CAPACITY	
	iPECS−MG 100	iPECS−MG 300
Number of PTT Groups	10	10
Member in a Group	50	50

PROCEDURE:	
PTT GROUP INDEX ENTER BIN NO (0–9)	1. Press the **[PGM]** button and dial 208.
0 PTT MEMBER ASG	2. Use the dial pad to enter the desired Page Group (0–9 for the iPECS-MG 100 and the iPECS-MG 300). The system will display the member of PTT group.
Refer to the following table DISPLAY	**NOTE** For group members, enter a station or station range. For an individual station press the desired Flex button for the position of the station in the group and dial the station number. For a range, enter the first and last station number in the range.
	3. Press the **[SAVE]** button to store the data entry.

Table 2.3.5.8-2 PTT GROUP ATTR (PGM 208)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	0 PTT MEMBER ASG	This entry assigns stations as members of a PTT group.		–

2.3.5.9 Interphone Group – PGM Code 209

To call the stations using, one digit, some station can be gathered into an 'Interphone Group' (refer to Table 2.3.5.9-2 for a description of the functions, the LCD displays and data entries required).

The Interphone Group capacities for the iPECS-MG system are shown in Table 2.3.5.9-1, below.

Table 2.3.5.9-1 INTERPHONE GROUP CAPACITY

ITEM	CAPACITY	
	iPECS−MG 100	iPECS−MG 300
Number of Groups	10	10
Member in a Group	10	10

PROCEDURE:	
INTERPHONE GRP. INDEX ENTER BIN NO (01–10)	1. Press the **[PGM]** button and dial 209.
01 DIGIT NUMBER ENTER BIN NO (0–9)	2. Use the dial pad to enter the desired Interphone Group. The system will display the attribute of pickup group.
Refer to the following table DISPLAY	**NOTE** For group members, enter a station number for each bin index.
	3. Press the **[SAVE]** button to store the data entry.

Table 2.3.5.9-2 INTERPHONE GROUP DIGIT DESTINATION (PGM 209)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	01–DGT (0) DEST.	This entry defines the digit destination of Interphone group.	Station Number	–

2.3.5.10 Pilot Hunt Group – PGM Code 210

A Station can be grouped for Pilot Hunt Feature. Users may select incoming calls in the group to re-route to other stations (local or networked), station groups, the VMIB according to ring mode (Day/Night/Timed). A member of the Pilot Hunt Group may have Pilot Hunt Ring Access authority set for call coverage on another member Station in a group.

Table 2.3.5.10-1 PILOT HUNT GROUP CAPACITY

ITEM	CAPACITY	
	iPECS−MG 100	iPECS−MG 300
Number of Groups	20	50
Member in a Group	20	20

PROCEDURE:	
PILOT HUNT GRP. INDEX ENTER BIN NO (01–50)	1. Press the **[PGM]** button and dial 210.
01 PILOT GRP. ATTR PRESS FLEX KEY (1–4)	2. Use the dial pad to enter the desired Pickup Group (01–20 for the iPECS–MG 100 and 01−50 for the iPECS−MG 300). The system will display the attribute of Pilot Hunt group.
Refer to the following table DISPLAY	**NOTE** For group members, enter a station or station range. For an individual station press the desired Flex button for the position of the station in the group and dial the station number. For a range, enter the first and last station number in the range.
	3. Press the **[SAVE]** button to store the data entry.

Table 2.3.5.10-2 PILOT HUNT GROUP ATTRIBUTES (PGM 210)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	01 CONDITION 0.ALL (0–2)	Determines call coverage condition for Pilot Hunt group. ALL call: Intercom and External call will be served for Pilot Hunt Feature. Intercom call: Only Intercom call will be served. External call: Only External call will be served.	0. ALL 1. Intercom 2. External	ALL
2	01 SERVICE TYPE 1.CIRCULAR (0–1)	This entry defines Service Type. Terminal: The call will proceed to the next listed station in the group until reaching the last listed station. Circular: The call will be directed to the next station defined in the group. The call will continue to hunt until each station in the group has been tried.	0. Terminal 1. Circular	Circular
3	01 TIME TABLE IDX (1–9) : 1	Time Table index	1−9	1
4	01 MEMBER ASG	Assigns stations as members of a Pilot Hunt group.		

2.3.5.11 Pilot Hunt Group Forward Attribute – PGM Code 211

Each Pilot Hunt group has available attributes relating to forward; Table 2.3.5.11-1 provides descriptions for the attributes, LCD displays and data entries required.

PROCEDURE:	
PILOT HUNT GRP. INDEX ENTER BIN NO (01–50)	1. Press the **[PGM]** button and dial 211.
01 PILOT GRP. FWD ATTR PRESS FLEX KEY (1–6)	2. Use the dial pad to enter the desired Pickup Group (01–20 for the iPECS–MG 100 and 01–50 for the iPECS–MG 300). The system will display the attribute of Pilot Hunt group.
Refer to the following table DISPLAY	3. Press the desired Flex button.
	4. Press the **[SAVE]** button to store the data entry.

Table 2.3.5.11-1 PILOT HUNT GROUP FWD ATTR (PGM 211)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	01 DAY FORWARD TYPE 0.NOT USED (0–4)	Determines call forward type during Day mode.	0. NOT USED 1. UNCOND 2. BUSY 3. NO ANS 4. BUSY/ NO ANS	NOT USED
2	01 DAY FWD DESTINATION	Determines the forward destination during Day mode.	Max. 24 digits	
3	01 NIGHT FORWARD TYPE 0.NOT USED (0–4)	Determines call forward type during Night mode.	0. NOT USED 1. UNCOND 2. BUSY 3. NO ANS 4. BUSY/ NO ANS	NOT USED
4	01 NIGHT FWD DEST	Determines the forward destination during Night mode.	Max. 24 digits	
5	01 TIMED FORWARD TYPE 0.NOT USED (0–4)	Determines call forward type during Timed mode.	0. NOT USED 1. UNCOND 2. BUSY 3. NO ANS 4. BUSY/ NO ANS	NOT USED
6	01 TIMED FWD DEST	Determines the forward destination during Timed mode.	Max. 24 digits	

2.3.5.12 ACD Group – PGM Code 212

Stations can be grouped so that incoming calls or internal calls will search (ACD) for an idle station in the group. ACD (Automatic Call Distribution) service is to distribute ACD call efficiently to agent. Each agent can set own specific state and make it ready to get an ACD call. Also supervisor can make ACD group state changed.

Table 2.3.5.12-1 ACD Group Capacity

Items	iPECS−MG 100	iPECS−MG 300
ACD Group Number	20	50
Supervisor Number	1	1
Sub−Supervisor Number	3	3
Agent Number	50	50
Max Queue Number	99	99
Max Queue Announcement Step	5	5
ACD Agent Priority	20 (1–20)	20 (1–20)

PROCEDURE:	
ACD GROUP ASSIGN ENTER NUMBER (600-619)	1. Press the **[PGM]** button and dial 212.
600 ACD GROUP. PRESS FLEX KEY (1–10)	2. Use the dial pad to enter the desired ACD Group number (600–619 for the iPECS–MG 100 and iPECS–MG 300).
Refer to the following table DISPLAY	3. Press the Flex button for the desired setting; refer to the following table.
	4. Use the dial pad to enter the desired ACD Group data. Note for group members, enter a station or station range. For an individual station press the desired Flex button for the position of the station in the group and dial the station number. For a range, enter the first and last station number in the range.
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.5.12-2 ACD GROUP ASSIGNMENT (PGM 212)

BTN	DISPLAY	FEATURE	RANGE	DEFAULT
1	600 GROUP NAME	ACD Group NAME	Max 16 characters	
2	600 SERVICE MODE 0.NOT SERVICE (0–4)	ACD Group Status	0:Not-Service 1: NORMAL 2: Group Forward 3: Night 4: Holiday	0
3	600 TENANT NO (1–9) : 1	ACD Group Tenant Number	1–9 (MG-300) 1–5 (MG-100)	1
4	600 TIME TABLE INDEX (1–9) : 1	ACD Group Time Table	1–9	1
5	600 AUTO MODE 0. NOT USE (0–3)	ACD Group Status Changed according to System Time Table Index.	0: Not Use 1: Night Auto 2: Holiday Auto 3: Night/ Holiday Auto	0
6	600 SUPERVISOR NUM MAIN :	ACD Group Supervisor assign		
7	600 MEMBER ASSIGN …… …… ……	ACD Group Agent assign		
8	600 SUB SUPERVISOR 1 ……	ACD Group Sub Supervisor 1 assign		
9	600 SUB SUPERVISOR 2 ……	ACD Group Sub Supervisor 2 assign		
10	600 SUB SUPERVISOR 3 ……	ACD Group Sub Supervisor 3 assign		

2.3.5.13 ACD Group Attribute – PGM Codes 213 – 214

ACD (Automatic Call Distribution) feature provides the service to distribute calls to agents in an efficient way. Each agent can set or change own specific state and get ready to receive the ACD calls. And supervisor can be assigned to each group and they can change the ACD group status.

PROCEDURE:	
ACD GROUP ATTR1 ENTER NUMBER (600–619)	1. Press the **[PGM]** button and dial 213 for ACD Group Attribute I. 214 for ACD Group Attribute II.
600 ACD GROUP.ATTR1 PRESS FLEX KEY (01–16)	2. Use the dial pad to enter the desired ACD Group number (600–619 for the iPECS–MG 100 and iPECS–MG 300).
Refer to the following table DISPLAY	3. Press the Flex button for the desired setting; refer to the following table.
	4. Use the dial pad to enter the desired ACD Group data.
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.5.13-1 ACD GROUP ATTRIBUTES I (PGM 213)

BTN	DISPLAY	FEATURE	RANGE	DEFAULT
1	600 SUB–SUPER ASSIGN …. …. ….	This entry assigns Sub–Supervisor in ACD Group.		
2	600 GROUP FWD DEST ……	When ACD Group status is Group Forward Status, all of ACD call will be forwarded to this entry assigned destination.		
3	600 NIGHT SERVICE 0.RELEASE (0–2)	This entry defines how to reroute ACD call when group status is Night Status.	0: Release 1: Announcement 2: Forward	Release
4	600 NIGHT FWD DEST. ……	When Night Service type is Forward, this destination will be applied.		
5	600 HOLIDAY SERVICE 0.RELEASE (0–2)	This entry defines how to reroute ACD call when group status is Holiday.	0: Release 1: Announcement 2: Forward	Release
6	600 HOLIDAY FWD DEST. ……	When Holiday Service type is Forward, this destination will be applied.		
7	600 OVERFLOW SERVICE 0.RELEASE (0–2)	This entry defines how to reroute ACD call when group status is Overflow Status.	0: Release 1: Announcement 2: Forward	Release

BTN	DISPLAY	FEATURE	RANGE	DEFAULT
8	600 OVERFLOW FWD DEST. ……	When Overflow Service type is Forward, this destination will be applied.		
9	600 MAX QUEUING COUNT (00–99) : 10	This entry defines Max. queuing call count. If queued ACD Call count is over this count, ACD group status will be changed to Overflow.	00–99	10
10	600 QUEUING ANNC STEP (1–5) : 1	This entry defines queuing announcement play service step. One ACD Group can have max. 5 announcements for queuing ACD Call.	1–5	1
11	600 REPEAT COUNT 0.NO REPEAT (0–5)	This entry defines total queuing announcement repeat count. If this entry is defines as Times service. Queuing Announcements will be played three times from 1st to defined Step. And then Queuing Announcements will be restarted from Repeat Position to defined step until Repeat Count.	0: No Repeat 1: One Time 2: Three Times 3: Five Times 4: Ten Times 5: Twenty Times	No Repeat
12	600 REPEAT POSITION (1–5) : 1	This entry defines Repeat Announcement Start Position.	1–5	1
13	600 FWD AFTER QUEUING (1: ON/0: OFF) : OFF	This entry defines reroute usage when all queuing announcements are over.	1: On 0: Off	Off
14	600 Q–FWD DEST. ……	This entry defines the forward destination, when all queuing announcements are over.		
15	600 AGENT NO–ANS SVC 0.NOT USE (0–3)	This entry defines what to do when an ACD agent does not answer an ACD call. 1 Not use 2 Forwarded: call will be forwarded to defined No-Answer Forward destination 3 DND: Agent state will be changed automatically to DND sate. 4 DND & Forwarded: Agent state will be change to DND state, and ACD call will be forwarded to defined No-Answer Forward destination	0: Not use 1: Forwarded 2: DND state 3: DND & Forwarded	Not use
16	600 AGENT NO–ANS DEST …….	When Agent No–Answer option is Forward, this destination will be applied.		

Table 2.3.5.13-2 ACD GROUP ATTRIBUTE II (PGM 214)

BTN	DISPLAY	FEATURE	RANGE	DEFAULT
1	600 SUPERVISOR PSWD CHECK (1: ON/0: OFF) : OFF	This entry defines whether to check the supervisor password when supervisor change group status.	1: On 0: Off	Off
2	600 AGENT–AGENT CALL 0.ALLOW (0–2)	This entry defines agent to agent call restriction.	0: Allow 1: Direct call 2: Forward call	Allow
3	600 WORK MODE TIME (001–240) : 060 (sec)	This entry defines wrap up timer of Agent Work State.	001– 240	60
4	600 AUTO–WORK MODE OPTION 0.CALL (0–3)	This entry defines when change the agent work state. (It is applied, when only agent has auto–work option.) 1. CALL: after conversation, agent state will be changed to work state. 2.CALL, RING: after conversation or after ringing, agent state will be changed to work state. 3. CALL, OG: after conversation or after make outgoing call, agent state will be changed to work state. 4. CALL, RING, OG: after conversation or after ringing or after make outgoing call, agent state will be changed to work state.	0: Call 1: Call, Ring 2: Call OG 3: Call, Ring. OG	Call
5	600 ANNOUNCEMENT USE (1: ON/0: OFF) : OFF	This entry defines usage of Announcement when agent answer incoming ACD Call.	1: On 0: Off	Off
6	600 GROUP Q–CNT DISPLAY (1: ON/0: OFF) : OFF	This entry defines display of Queuing count of ACD call.	1: On 0: Off	Off
7	600 Q–CNT INTERVAL (0–6) : REAL TIME	This entry defines display interval seconds of Queuing count of ACD call.	0: Real Time 1: 10sec 2: 20sec 3: 30sec 4: 40sec 5: 50sec 6: 60sec	Real Time
8	600 LOGIN PASSWD CHECK (1: ON/0: OFF) : OFF	This entry defines whether to check the password when agent log–in.	1: On 0: Off	Off
9	600 LOGIN AGENT STATE 0.READY STATE (0–2)	This entry defines the default Agent State when agent log–in.	0: Ready state 1: DND state 2: Work state	Ready state
10	600 LOGIN AUTO-ANSWER (1: ON/0: OFF) : OFF	This entry defines usage of Agent Auto Answer option when agent log–in.	1: On 0: Off	Off

BTN	DISPLAY	FEATURE	RANGE	DEFAULT
11	600 LOGIN AUTO-WORK (1: ON/0: OFF) : OFF	This entry defines usage of Agent Auto Work option when agent log–in.	1: On 0: Off	Off
12	600 LOGIN HANDSET 1.HANDSET MODE (0–3)	This entry defines usage of Agent Headset option when agent log–in.	0: Headset mode 1: Handset Mode 2: Ear–Mic Mode 3: Bluetooth mode	Handset Mode
13	600 LOGOUT HANDSET 1.HANDSET MODE (0–4)	This entry defines usage of Agent Headset option when agent log–out.	0: Handset mode 1: Headset Mode 2: Ear–Mic Mode 3: Bluetooth mode 4: No Change	Handset Mode
14	600 LOGOUT RESTRICTION 0.NOT USE (0–2)	This entry defines restriction of Logout State Agent.	0: Not use 1: CO outgoing 2: All call	Not use
15	600 CO ANSWER TIME 0.QUEUED TO GRP (0–1)	This entry defines when to connect to incoming CO call after it is queued. If this value is 'When Queued to ACD group', incoming call is connected as soon as it is queued to ACD group. And ACD group announcement can be provided. If this value is 'When Agent Answers', incoming call is not connected until an agent answers the call.	0: Queued to group 1: Agent Answer	Queued to group
16	600 INFO DATA PRINT (1: ON/0: OFF) : OFF	This entry defines usage of ACD Call Traffic Information data Print or Not. If this value is On, Traffic data will be printed through the Call Information–Print Port in PGM 231.	1: On 0: Off	Off
17	600 INFO PRT INTERVAL (001–250): 001 (10sec)	This entry defines print interval seconds of Information Traffic data.	001 – 250	001 (10sec)
18	600 INFO CLR AFTER PRT (1: ON/0: OFF) : OFF	If this value is ON, after print Information traffic data, previous data will be deleted.	1: On 0: Off	Off

2.3.5.14 ACD Group Announcement – PGM Code 215

The system provides 9 types of tone. Each tone may be assigned to normal tone, VMIB prompt/ Announcement or internal/external music.

PROCEDURE:	
ACD GROUP Announcement ENTER NUMBER (600–619)	1. Press the **[PGM]** button and dial 215.
600 ACD GROUP ANNC ENTER ANNC IDX (1–9)	2. Enter announcement table using dial pad.
1ST ANNOUNCEMENT PRESS FLEX KEY (1–7)	3. To program tone, dial tone index (1–9). Please refer to the Announcement INDEX Table of Web–Admin PGM 215 for Announcement index.
Refer to the following table DISPLAY	4. Press the Flex button. – Flex 1: Tone Type – Flex 2: Tone Time – Flex 3: Tone port index (Please refer to the TONE PORT Table) – Flex 4: VMIB Prompt/Announcement Number – Flex 5: VMIB Prompt/Announcement Repeat Number – Flex 6: VMIB Prompt/Announcement Repeat Interval – Flex 7: CCR Service During Announcement
	5. Use the dial pad to enter the desired ACD Group data.
	6. Press the **[SAVE]** button to store the data entry.

Table 2.3.5.14-1 ANNOUNCEMENT TABLE (PGM 215)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	600/1 TONE TYPE (01–14): 1 (NORMAL TONE)	Designates the Tone type.	01: Normal Tone 02: VMIB Prompt 03: VMIB Announcement 04: Internal MOH 05: External MOH 06–09: VMIB MOH 1/2/3/4 (MG 300) 10–14: SLT MOH 1–5	Normal Tone
2	600/1 TONE TIME (001–600) : 010 (sec)	Determines the amount of time tone is provided.	1–600	10
3	600/1 TONE PORT (01–19) : 11	Tone port index of PGM 264. The cadence of tone port may be changed by using Web–Admin.	1–19	
4	6000/1 PROMPT/ANNC. NO (001–255): …	The VMIB Prompt or Announcement number when tone type is VMIB Prompt or announcement.	1–255	

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
5	600/1 PROMPT/ANNC RPT (000–100) : 001	The VMIB Prompt or Announcement Repeat number when tone type is VMIB Prompt or announcement.	0–100	1
6	600/1 PROMPT/ANNC INTVL (000–100) : 001	The VMIB Prompt or Announcement Repeat interval when VMIB Prompt or announcement. Repeat is assigned.	0–100	0
7	600/1 CCR USE (1: ON/0: OFF) : OFF	This option defines the usage of CCR feature during ACD group announcement.	1: On 0: Off	Off

2.3.6 SYSTEM DATA – PGM Codes 220 – 240

2.3.6.1 System Timers I to III – PGM Codes 220 – 222

A number of timers can be assigned to control and affect many features and functions of the System (refer to Tables for a description of the timers and the input required).

PROCEDURE:	
SYSTEM TIMER 1 PRESS FLEX KEY (01–13)	1. Press the **[PGM]** button and dial: 220 for System Timers I 221 for System Timers II 222 for System Timers III
Refer to the following tables DISPLAY	2. Press the Flex button for the desired Timer; refer to Tables 2.3.6.1–1 to Tables 2.3.6.1–3.
	3. Use the dial–pad to enter the desired Timer data.
	4. Press the **[SAVE]** button to store the Timer data entry.

Table 2.3.6.1-1 SYSTEM TIMERS I (PGM 220)

BTN	DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	CO–CO TRANS TMR (000–300) : 030 (sec)	Determines the answer waiting time for answer when CO line is transferred to another CO line. If not answered within this time, transferred CO call is routed to no-answer destination of incoming CO Alternative (PGM 169) or Outgoing CO Alternative (PGM 173).	000–300 (seconds)	030
2	HOT–DESK LOGOUT TMR (0000–1440) : 0060 (min)	Logged-in Hot-Desk agent will be logged out after this timer automatically.	0000–1440 (minutes)	00
3	ACNR PAUSE TMR (005–300) : 030 (sec)	This timer determines the time between ACNR attempts.	005–300 (seconds)	030
4	PAGE TIME OUT TMR (000–300) : 015 (sec)	Determines the maximum duration of a page after which the caller and Page Zone are released.	000–300 (seconds)	15
5	PAUSE TMR (1–9) : 3 (sec)	Determines the time for Pause which can be used in Speed Dial or other automatically dialed digits sent to the PSTN.	1–9 (seconds)	3
6	VM PAUSE TMR (1–9) : 3 (sec)	When the system sends a “Pause” to Voice Mail using In–band signals, the Pause interval is defined by this timer.	1–9 (seconds)	3
7	VMIB–MSG MIN TMR (1–9) : 4 (sec)	This timer sets the minimum duration allowed for a voice mail message in the system’s VMIB. Messages shorter than this period are not stored.	1–9 (seconds)	4

BTN	DISPLAY	DESCRIPTION	RANGE	DEFAULT
8	VMIB–MSG MAX TMR (001–999) : 060 (sec)	This timer sets the maximum duration allowed for a voice mail message in the system's VMIB.	000–999 (seconds)	60
9	CALL–WAIT WARN TMR (010–180) : 030(sec)	Determine the call–wait indication tone repeat time.	010–1800 (seconds)	030
10	CAMP–ON WARN TMR (010–180) : 030(sec)	Determine the camp–on indication tone repeat time.	010–1800 (seconds)	030
11	CCR INTER–DGT TMR (01–30) : 03 (sec)	Inter–digit timer used with Customer Call Routing function. After this timer expires, CCR feature will be performed by analyzing input digits.	01–30 (seconds)	03
12	WEB PSWD GUARD TMR (001–999) : 005 (min)	Determine automatic log-out time for Web Admin If no data packets are received within this time, a password check will be initiated by the system.	001–999 (minutes)	5
13	UCS STATUS CHECK TMR (01-10) : 03(sec)	Determine the time of check period UCS status.	01-10 (seconds)	03

Table 2.3.6.1-2 SYSTEM TIMERS II (PGM 221)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	SLT HOOK BOUNCE TMR (01–25) : 01 (100ms)	Determines the amount of time the System considers an actual state change in the hook–switch and not a momentary contact bounce.	01–25 (100 msec.)	01
2	SLT MAX H_FLASH TMR (01–25) : 05 (100ms)	Sets the maximum time an SLT user can depress the hook-switch for a Flash signal. If the hook-switch is pressed for more than this time, system will treat it as on-hook.	01–25 (100 msec.)	05
3	SLT MIN H_FLASH TMR (000–250) : 020 (10ms)	Sets the minimum time an SLT user must depress the hook-switch for a Flash signal. If the hook-switch is pressed for more than this time and is released before SLT maximum hook flash timer, system will regard it as hook-flash.	000–250 (10 msec.)	020
4	LCO RING ON TMR (1–9) : 2 (100ms)	Sets the minimum 'ON' time to detect the incoming LCO ring from public exchange (PX). If the ring 'ON' signal is maintained for this time, System will detect it as an incoming LCO ring.	1–9 (100 msec.)	2

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
5	LCO RING OFF TMR (010–150) : 060 (100ms)	Sets the maximum 'OFF' time to detect the release of incoming LCO ring from public exchange (PX). If the ring 'OFF' signal is maintained for this time, System will detect it as a release of incoming LCO ring.	010–150 (100 msec)	060
6	LCO RLS GUARD TMR (001–150) : 010 (100ms)	When an analog CO Line is returned to idle, the system will deny access for this time to assure the PSTN returns the CO circuitry to idle.	001–150 (100 msec)	010

Table 2.3.6.1-3 SYSTEM TIMERS II (PGM 222)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	DOOR OPEN TMR (05–99) : 20 (100ms)	Sets the minimum contact closure time required to activate the contact assigned as a door open contact.	05–99 (100 msec.)	20
2	MSG WAIT ALERT TONE TMR (00–60) : 00 (min)	A phone user will receive periodic reminder tones of a message waiting at intervals based on this timer.	00–60 (minutes)	00
3	INTER DIGIT TMR (000–300) : 015 (sec)	Sets the maximum allowed time between user dialed digits; at expiration, the user will receive an error–tone.	000–300 (seconds)	015
4	INC CO INTER DIGIT TMR (01–60): 15 (sec)	Sets the maximum allowed time between dialed digits from the Incoming CO.	01–60 (seconds)	15
5	NORMAL NO ANSWER TMR (001–600) : 030 (sec)	No answer timer for normal CO ring. If this timer expires, the incoming call will be served as no answer case.	001–600 (seconds)	30
6	DID NO ANSWER TMR (001–600) : 030 (sec)	No answer timer for DID CO ring. If this timer expires, the incoming DID call will be served as no answer case.	001–600 (seconds)	30
7	CO RECALL NO ANS TMR (001–600) : 030 (sec)	No answer timer for recall CO ring	001–600 (seconds)	30
8	CO FWD NO ANSWER TMR (001–600) : 030 (sec)	No answer timer for forward CO ring	001–600 (seconds)	30
9	CO XFER NO ANSWER TMR (001–600) : 030 (sec)	No answer timer for transfer CO ring	001–600 (seconds)	30
10	R2 FWD SIG DETECT TMR (001-254): 014 (sec)	For R2 incoming call, this R2 forward signal detect timer waits for receiving R2 forward signal. If this timer expires, R2 signaling is finished invalid.	1-254 (seconds)	14
11	DUP. DIGIT ANALYSIS TMR (00–30): 02 (sec)	Sets the duplication digit analysis timer. It allows duplicated numbering plan.	00-30 (seconds)	02

2.3.6.2 System Attributes – PGM Code 223

System Attributes programs define settings that affect System-wide features and functions. Generally, these entries will turn the feature ON (enable) or OFF (disable). Refer to Table 2.3.6.2-1 for a description of the Attributes, LCD displays and the data entries required.

PROCEDURE:	
SYSTEM ATTRIBUTES PRESS FLEX KEY (1–24)	1. Press the **[PGM]** button and dial 223.
See the following table DISPLAY	2. Press the Flex button for the desired Attribute, refer to the following Table.
	3. Use the dial–pad to enter desired data for the Attribute.
	4. Press the **[SAVE]** button to store the data entry.

Table 2.3.6.2-1 SYSTEM ATTRIBUTES (PGM 223)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	WEB ADM PSWD ENCRYPTION (1: ON/0: OFF) : OFF	The Web Admin password can be encrypted for security using RC–6 block encryption A Java VM must be installed on the user's PC.	0: OFF 1: ON	OFF
2	PULSE DIAL BREAK RATIO (0–2): 66/33	The break/make ratio for pulse dialing (10 pps) through analog CO line.	0: 60/40 1: 66/33 2: 50/50	1: 66/33
3	VM SMDI ENABLE (1: ON/0: OFF) : OFF	If it is set to "ON, system interfaces SMDI protocol with external Voice Mail, If 'OFF', system interfaces In–band message with external Voice Mail.	0: OFF 1: ON	OFF
4	USE STRONG PASSWORD (1: ON/0: OFF) : OFF	If it is set to ON, system does not allow simple password.(including number, character, more than 8 digitis)	0: OFF 1: ON	OFF
5	NETWORK DATE/TIME (0-2) : DISABLE (0)	The system can use ISDN Network time or NTP to synchronize time with the ISDN or data network. To disable time sync, use DISABLE	0: Disable 1: ISDN Clock 2: NTP	Disable
6	CLI PRINT (1: ON/0: OFF) : OFF	If set to ON, CLI information is printed.	0: OFF 1: ON	OFF
7	TLS for WEB (1: ON/0: OFF) : OFF	Enables Transport Layer Security (TLS) for Web access.	0: OFF 1: ON	OFF
8	WEB SERVER PORT (00001–65535): 00080	Web Server port number	1–65535	80
9	DB AUTO DOWNLOAD (WEEK) (1–8): OFF	Determines when system database downloads to USB automatically,	OFF 1:MON 2:TUE 3:WED 4:THU 5:FRI	OFF

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
			6:SAT 7:SUN 8: Everyday	
10	DB DOWNLOAD (TIME) (00–23): 00H	Sets the time for system database download to USB automatically.	00–23	00
11	UC SERVER IP ADDR 0.0.0.0	UC Server IP Address		
12	CTI SERVER IP ADDR 0.0.0.0	CTI Server IP Address		
13	MODEM ASC CO LINE (001–240) : 000	Modem Associate CO Line	001–240	000
14	IP PHONE REG BY STA NUM (1: ON/0: OFF) : ON	Determines if IP phone can be registered only by station number or not.	0: OFF 1: ON	ON
15	BUSY TONE DETECT TIMES (3-9): 3	It defines detection count for Busy tone.	3-9	3
16	ERROR TONE DETECT TIMES (3-9): 4	It defines detection count for Error tone.	3-9	4
17	PSU FAN ALARM (1: ON / 0: OFF): ON	Sets for the PSU FAN ALARM	0: OFF 1: ON	ON
18	LINE FAULT ALARM (1: ON / 0: OFF); ON	Sets for the LINE FAULT ALARM	0: OFF 1: ON	ON
19	TRAFFIC OPERATION (1: ON / 0: OFF): ON	Determines the use of Traffic Operation	0: OFF 1: ON	OFF
20	ENHANCED VM FEATURES (1:ON/0:OFF): OFF	Enables or disables the voice mail features that need the new prompt set from S/W version 1.6	0: OFF 1: ON	OFF
21	DB PROTECTION OPTION (0-1) : DISABLE (0)	When DB is initialized, selected information is not initialized And also, this PGM is not initialized 0.OFF: All database is initialized 1. VM Info: the Database related to VM(VMIB) is not initialized. And VMIB does not clear physical user message.	0:OFF 1: VM DB	OFF
22	IPCR SERVER IP ADDR 0 .0 .0 .0	The IP address of computer in which IPCR server application is installed.		
23	SIP EXT NUMBER FOR IPCR ….	This SIP extension number is assigned to IPCR server.	SIP extension number	
24	USE SIP CO FIRST DOMAIN (1:ON/0:OFF) : OFF	Enable or disable the default usage of SIP CO 1st domain .	0: OFF 1: ON	OFF

2.3.6.3 System Authorization Code – PGM Code 225

System Authorization code table consists of 2000 entries and each entry consists of 8 fields: ID, Password, Day COS, Night COS, Timed COS, Digit Conversion Table, Tenant Number, CO Access.

By default, System Authorization Codes are not assigned at all

NOTE
There can be no duplicate ID.

PROCEDURE:	
SYSTEM AUTHOR CODE ENTER BIN NO(0001-2000)	1. Press the **[PGM]** button and dial 225.
0001 SYS AUTHOR CODE PRESS FLEX KEY (1-8)	2. Use the dial-pad for the desired bin no.
Refer to the following table Display	3. Press the Flex button 1-8 for the desired feature - Flex 1: ID. - Flex 2: Password - Flex 3: Day Toll COS - Flex 4: Night Toll COS - Flex 5: Timed Toll COS - Flex 6: Digit Conversion Table - Flex 7: Tenant Number - Flex 8: CO Access
	4. Use the dial pad to enter the desired flexible button.
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.6.3-1 System Authorization Code

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	0001 ID ……	Defines the ID associated with the System Authorization code bin. *. This ID can be also printed for SMDR	7 digits	none
2	0001 PASSWORD ……	Defines the Password associated with ID.	12 digits	none
3	0001 DAY COS (00-15): 00	Defines Day COS associated with the System Authorization code	00-15	0
4	0001 NIGHT COS (00-15): 00	Defines Night COS associated with the System Authorization code	00-15	0
5	0001 TIMED COS (00-15): 00	Defines Timed COS associated with the System Authorization code	00-15	0

Table 2.3.6.3-1 System Authorization Code

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
6	0001 DIGIT CONV TBL (1-9): .	Defines Digit Conversion Table Index to use after authorization success. *. This can be supported when Dial Digit Process is type 1 (PGM281-3)	1-9	none
7	0001 TENANT NO (1-9): .	Defines Tenant number associated with the System Authorization code. If this is not assigned, this authorization code can be applied to all tenants.	1-9	none
8	0001 CO ACCESS (1:ON/0:OFF) : OFF	Defines CO Access associated with the System Authorization code. This is set to ON, this authorization code can be used for DISA CO Access.	0-1	0

2.3.6.4 System Password – PGM Code 226

Access to the system database and maintenance functions can be protected by passwords up to twelve (12) digits. Three passwords can be defined: User, Admin., and Maintenance. The Maintenance password has full and unlimited access to the database and maintenance functions of the system, while the User and Admin password have access to database items defined in the ***iPECS Web Administration Manual.***

NOTE

There are no default passwords, all passwords must be programmed.

PROCEDURE:	
SYSTEM PASSWORD PRESS FLEX KEY (1–3)	1. Press the **[PGM]** button and dial 226.
See the following table DISPLAY	2. Press the Flex button for the desired password: – Flex 1: User password. – Flex 2: Admin password. – Flex 3: Maintenance password.
	3. Enter the desired password, up to 12 digits. To erase a password press the **[SPEED]** button.
	4. Press the **[SAVE]** button to store the password entry.

Table 2.3.6.4-1 System Passwords

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	USER PASSWORD ……	Includes configurable database access in Web Admin., and cannot access Keyset Administration functions.	12 digits	none
2	ADMIN PASSWORD ……	Includes configurable database access in Web Admin., and can access Keyset Admin.	12 digits	none
3	MAINT PASSWORD ……	Includes full and unlimited access to database and maintenance functions.	12 digits	none

2.3.6.5 Alarm Attributes – PGM Code 227

The System can monitor an external contact, most often employed as an Alarm indicator or Doorbell. The Alarm attributes define the operation of the external contact. An Alarm Signal sent to assigned stations can be repeating or a single burst, the former is often desired. For the Doorbell, a single tone is sent each time the contact is activated (refer to Table 2.3.6.5-1 for a description of the features, the data entries required and LCD displays for each attribute).

PROCEDURE:	
SYSTEM ALARM ATT PRESS FLEX KEY (1–4)	1. Press the **[PGM]** button and dial 227.
Refer to the following table DISPLAY	2. Press the desired Flex button, refer to the following Table.
	3. Use the dial–pad to enter desired data for the attribute. Press the **[SAVE]** button to store the data entry.

Table 2.3.6.5-1 ALARM ATTRIBUTES (PGM 227)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	ALARM ENABLE (1: ON/0: OFF) : OFF	Enables the external contact monitoring circuitry.	0: OFF 1: ON	OFF
2	ALARM CONTACT (1: CLOSE/0: OPEN) : OPEN	Establishes the contact state that will activate the Alarm, close or open.	0: Open 1: Close	Open
3	ALARM MODE (1: ALARM/0: BELL): ALARM	The contact can be designated to function as a doorbell instead of an alarm.	0: Bell 1: Alarm	Alarm
4	ALARM SIGNAL MODE (1: RPT/0: ONCE) : RPT	The assigned stations will receive a Repeating signal or single burst (ONCE) of the alarm tone.	0: Once 1: Repeat	Repeat

2.3.6.6 External Control Contacts – PGM Code 228

The MPB includes 1 contact, which can be used to control external devices. The contact is assigned to activate under one of several conditions: As a Loud Bell Contact (LBC), the contact will activate when the assigned station receives an external call.

NOTE
When using LBC and the System is in the Night or Timed Ring mode, the contact will activate for incoming UA calls and will ignore any station assignment.

The contact may alternatively be activated as a Door Lock Release contact, when the External Page Zone is accessed.

PROCEDURE:	
EXT CTRL CONTACT (0–3) NOT USED	1. Press the **[PGM]** button and dial 228.
EXT CTRL CONTACT LBC (150)	2. Use the dial–pad to enter desired data. 0: Not Used 1: LBC + station number, (ex. 150) 2: Door Lock Release 3: External Page access
	3. Press the **[SAVE]** button to store the External Contact data entry.

2.3.6.7 Music Sources – PGM Code 229

Music inputs are provided for use as the Background Music and/or Music-On-Hold source inputs. iPECS-MG MPB provide for one (1) music input. In addition, a VMIB announcement may be recorded and played as MOH. In addition, SLT port on SLIB is used as MOH.

PROCEDURE:	
MUSIC ASSIGN PRESS FLEX_KEY (1–11)	1. Press the **[PGM]** button and dial 229.
Refer to the following table DISPLAY	2. Select the desired Flex button, refer to the following Table.
	3. Use the dial–pad to select the desired Music Source. To save the Music Source, press the **[SAVE]** button.

Table 2.3.6.7-1 MUSIC SOURCES FOR MOH & BGM (PGM 229)

BTN	DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	ICM BOX MUSIC CH (00–11) NO BGM (00)	Assigns the music source for ICM BOX.	00: NO BGM 01: Internal Music 02: External Music 03: VMIB BGM 1 04: VMIB BGM 2 05: VMIB BGM 3 06: VMIB BGM 4 07: SLT MOH 1 08: SLT MOH 2 09: SLT MOH 3 10: SLT MOH 4 11: SLT MOH 5	NO BGM
2	INT MOH TYPE (00–12) ROMANCE (00)	Assigns the music for internal MOH.	00: Romance 01: Turkish March 02: Green Sleeves 03: Fur Elise 04: Carmem 05: Waltz 06: Pavane 07: Sichiliano 08: Sonata 09: Spring 10: Campanella 11: Badinerie 12: Blue Dance	
3–6 for MPB300 (3–5 for MPB100)	VMIB MOH X (00–70) SLOT YY : ..	Assigns the VMIB Prompt index of VMIB Slot YY for VMIB MOH X.	01–70	
7–11 for MPB300 (6–10 for MPB100)	SLT MOH X ….	Assigns the SLT port for SLT MOH.		

2.3.6.8 RS-232 Port Settings – PGM Code 230

The system has one RS 232 serial port located on the MPB. Certain characteristics of the port are programmable: Baud rate, RS 232 control, and Page settings (refer to Table for a description of the settings, the data entries required and LCD displays).

PROCEDURE:	
RS232 PORT SETTING PRESS FLEX_KEY (1–4)	1. Press the **[PGM]** button and dial 230.
Refer to the following table DISPLAY	2. Select the desired Flex button, refer to the following Table.
	3. Use the dial–pad to enter the desired Port data. Press the **[SAVE]** button to store the Port Data entry.

Table 2.3.6.8-1 RS 232 PORT SETTINGS (PGM 230)

BTN	DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	BAUD RATE (1–5) 5. 115200	Establishes the BAUD rate for the RS–232 serial port.	1: 9600 2: 19200 3: 38400 4: 57600 5: 115200	115200
2	PAGE BREAK (1: ON/0: OFF): OFF	The system can send a page break command over the serial port at the end of each page.	0: OFF 1: ON	OFF
3	LINE PER PAGE (001–199) : 066	Determines Page length, the number of lines the system will send before sending a Page break.	001–199	66
4	XON/XOFF (1: XON /0: XOFF): XOFF	Enables XON/XOFF protocol.	0: XOFF 1: XON	XOFF

2.3.6.9 Serial Port Function Selections – PGM Code 231

The System has one RS 232 serial port located on the MPB. MODU (Modem Unit) can be installed on MPB as an optional board. Also, the System can employ IP over 5 TCP channels for the output of various system information. Each output function is assigned a Serial port, MODU or TCP channel that is used to output the information. In addition, a TCP port must be assigned when a function is defined to use a TCP channel.

NOTE

Each function can be defined to use only one output port (refer to Table for a description of the selections, the data entries required and LCD displays).

PROCEDURE:	
PRINT PORT SELECTION PRESS FLEX_KEY (1–7)	1. Press the **[PGM]** button and dial 231.
Refer to the following table DISPLAY	2. Select the desired Flex button, refer to the following Table.
	3. Use the dial–pad to enter the desired Port data: 0: COM(Serial port on MPB) 1: MODU 2: TCP channel 13: TCP channel 24: TCP channel 35: TCP channel 46: TCP channel 5
	4. Press the **[SAVE]** button to store the data entry.

Table 2.3.6.9-1 FUNCTION OUTPUT PORT (PGM 231)

BTN	DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	ON–LINE SMDR (0–5) COM (0)	Defines the serial port or TCP channel used for the On–line SMDR.	0 : COM 1 : MODU 2 : TCP1 3 : TCP2 4 : TCP3 5 : TCP4 6 : TCP5	COM
2	OFF LINE SMDR (0–5) COM (0)	Defines the serial port or TCP channel used for Off–line SMDR.	0 : COM 1 : MODU 2 : TCP1 3 : TCP2 4 : TCP3 5 : TCP4 6 : TCP5	COM
3	SMDI (0–5) COM (0)	Defines the serial port or TCP channel used for the SMDI output.	0 : COM 1 : MODU 2 : TCP1 3 : TCP2 4 : TCP3 5 : TCP4 6 : TCP5	COM
4	CALL INFO (0–5) COM (0)	Defines the serial port or TCP channel used to receive Call Information output.	0 : COM 1 : MODU 2 : TCP1 3 : TCP2 4 : TCP3 5 : TCP4 6 : TCP5	COM
5	TRAFFIC (0–5) COM (0)	Defines the serial port or TCP channel used for the TRAFFIC report output.	0 : COM 1 : MODU 2 : TCP1 3 : TCP2 4 : TCP3 5 : TCP4 6 : TCP5	COM
6	TRACE (0–5) COM (0)	Defines the serial port or TCP channel used for the Trace output.	0 : COM 1 : MODU 2 : TCP1 3 : TCP2 4 : TCP3 5 : TCP4 6 : TCP5	COM
7	ADMIN (0–5) COM (0)	Defines the serial port or TCP channel used for the ADMIN Report output.	0 : COM 1 : MODU 2 : TCP1 3 : TCP2 4 : TCP3 5 : TCP4 6 : TCP5	COM

2.3.6.10 SMDR Attributes – PGM Code 232

Station Message Detail Recording (SMDR) is an ASCII output of details on both incoming and outgoing calls. Various SMDR attributes can be assigned including: output records for all calls or Long Distance (LD) only, call cost per pulse when using call metering, etc. (refer to Table for a description of each Attribute, LCD displays and the data entries required).

PROCEDURE:	
SMDR ATTRIBUTES PRESS FLEX KEY (01–20)	1. Press the **[PGM]** button and dial 232.
Refer to the following table DISPLAY	2. Select the desired Flex button, refer to the following Table.
	3. Use the dial–pad to enter the desired data.
	4. To save SMDR Attribute data, press the **[SAVE]** button.

Table 2.3.6.10-1 SMDR ATTRIBUTES (PGM 232)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	SMDR SERVICE(0-8): NOT USE	SMDR Service Option. On-Line / Off-Line SMDR / SMDR-Interface / Email Service .can be enabled.	0: Not Use 1: On-Line 2: Off-Line 3: On-Line/Off-Line 4: SMDR-Interface 5: SMDR E-Mail 6: Off-Line & E-Mail 7: On/Off-Line & E-Mail 8: Interface & E-Mail	Not Use
2	OUTGOING REPORT(1: ON / 0: OFF): OFF		0: OFF 1: ON	OFF
3	INCOMING REPORT(1: ON / 0: OFF): OFF		0: OFF 1: ON	OFF
4	ICM REPORT (1: ON / 0: OFF): OFF		0: OFF 1: ON	OFF
5	LOST CALL REPORT(1: ON / 0: OFF): OFF		0: OFF 1: ON	OFF
6	RECORD TYPE (1: LD / 0: ALL): LD		0: ALL CALL 1: LD	ALL CALL
7	LONG DIST CALL DGT CNT(07-15): 07		07-15	07

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
8	HIDDEN DIALED DGT (0-9): 0	Determines the number of dialed digits to hide for security purposes, and replaced with "*". Button 13 below defines whether leading or trailing digits are hidden. In addition, the station must be assigned for SMDR HIDE, **PGM** 131 Button 7.	0~9	0
9	HIDDEN DGT PODITION (1: RIGHT / 0: LEFT): RIGHT	When "HIDDEN DIALED DIGIT" is enabled, button 12 above, this field determines if leading or trailing digits are hidden.	0: Left 1: Right	Right
10	TRANSFER CHANGE MODE (0-2): INDIVIDUAL	1. INDIVIDUAL: When a call is transferred to another station, the transferred call is charged to two stations respectively. 2. INTEGRATE XFERING: When a call is transferred to another station, the call is charged to the transferring station. 3. INTEGRATE XFERED: When a call is transferred to another station, the call is charged to the transferred station.	0:INDIVIDUAL 1:INTEGRATE XFERING 2:INTEGRATE XFERED	INDIVIDUAL
11	ATD TRANSFER CHANGE (0-2): NORMAL CHANGING	1. NORMAL CHARGING: When Attendant make outgoing call and transfer this call to another station, the transferred will follow the Transfer Charge Mode. 2. ATD CHARGING: When Attendant makes outgoing call and transfers this call to another station, the call is charged to the Attendant. 3. XFERED CHARGING: When Attendant makes outgoing call and transfers this call to another station, the call is charged to the transferred station.	0:NORMAL CHARGING 1:ATD CHARGING 2:XFERED CHARGING	NORMAL CHARGING
12	WARNING TONE SVC (1: ON / 0: OFF): OFF	If this option is enabled and SMDR service type is off-line, the system check free records space. And if free space is less than 1000, warning tone will be served as alarm to Attendant.	0: OFF 1: ON	OFF
13	I-SMDR CONN TYPE (1: LAN/0: SIO) : SIO	This assigns port to be used for SMDR Interface. SMDR Interface is served through LAN or SIO	0: SIO 1: LAN	SIO

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
14	SECOND INFO PRINT (1: ON / 0: OFF): ON	If this option set ON, second information is printed with call start time in SDMR. (MM/DD/YY HH:MM:SS)	0:OFF 1:ON	ON
15	CLI / DIAL NUM OPT (0-3): CLI	For incoming calls, the system will send the defined data item for “Dialed Number” field. The data item may be CLI, Dialed Number and with Ring Service Time. Note the User dialed number is always provided for an outgoing call. 1. CLI: If there are Incoming call CLI, always CLI will be printed, 2. Dialed Number: Dialed digit from external user will be printed. 3. CLI & RING: CLI data and ringing time will be printed. 4. Dialed Number & RING: Dialed digit from external user and ringing time will be printed	0: CLI 1: DIALED NUM 2: CLI & RING 3: DIALED NUM & RING	CLI
16	CLI / DIAL NUM OPT-2 (0-4): NOT-USE	For incoming calls, additional dialed field is supported. The data item may be CLI, Dialed Number and with Ring Service Time. Note the User dialed number is always provided for an outgoing call. 0. NOT-USE 1. CLI: If there are Incoming call CLI, always CLI will be printed, 2. Dialed Number: Dialed digit from external user will be printed. 3. CLI & RING: CLI data and ringing time will be printed. 4. Dialed Number & RING: Dialed digit from external user and ringing time will be printed	0: Not-Use 1: CLI 2: DIALED NUM 3: CLI & RING 4: DIALED NUM & RING	Not-Use
17	DATE PRINT MODE (1:MDY/0:DMY): MMDDYY	Date mode print type option in SMDR data.	1:MMDDYY 0:DDMMYY	MMDDYY
18	AUTHO STA CALLING PRINT (1: ON / 0: OFF): ON	When user make outgoing call with authorization, authorization DN number can be printed as calling-station in SMDR data.	0: OFF 1: ON	OFF
19	ADDITIONAL INFO PRINT (1: ON / 0: OFF): ON	Additional information can be printed in SMDR data Information: 1. Authorization DN number 2. Physical Station number 3. Transfer Station number 4. Networking related number	0: OFF 1: ON	OFF

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
20	I-SMDR OPT LENGTH TYPE (0-1):FLEXIBLE LENGTH	It is SMDR Interface Option field data length option. Flexible Length or Fixed length type can be used for Option data.	0: Flexible Length 1: Fixed Length	Flexible Length
Web only	SMTP MAIL SERVER Address xxx.xxx.xxx.xxx	SMTP Mail Server IP Address		
	SMTP Mail Server Port ……	SMTP Mail Server Port Number.		
	SMDR Reported MAIL Addr ……	Reported SMDR User Mail Address.	Max. 64 Characters	
	SMDR SMTP Mail Server ID	SMTP Mail Server User ID.		
	SMDR SMTP Mail Server Password……	SMTP Mail Server User Password.		
	SMDR SMTP Sender Address ……	Sender Address of Reported SMDR E-Mail.	Max. 64 Characters	
	SMDR Mail Send Weekly Set ……	Select SMDR Mail Send Day.	N/A (Monday ~ Sunday)	N/A
	SMDR MAIL SEND DAILY Set 00 (00-23)	Sets time-of-day for SMDR data to be sent on a daily basis (00 for no daily records, 01-23 for hour of the day).	00-23	00
	SMDR Mail Auto Send Set (1: ON / 0: OFF): OFF	If the SMDR buffer is full, the system can automatically send a notification by e-mail.	0: OFF 1: ON	OFF
	SMDR MAIL AUTO DELETE Set (1: ON / 0: OFF): OFF	Deletes SMDR records after sending e-mail.	0: OFF 1: ON	OFF

2.3.6.11 System Date, Time – PGM Code 233

The system Date, Time is established by this entry. The date and time are employed for several features and functions including; LCR, LCD displays, SMDR outputs, Auto Ring Mode Selection, Wake-Up Alarm, etc.

PROCEDURE:	
SET SYSTEM TIME/DATE PRESS FLEX_KEY (1 –3)	1. Press the **[PGM]** button and dial 233.
See the following table DISPLAY	2. Press the Flex button for the desired Attribute, refer to the following Table. - Flex 1: Time - Flex 2: Date - Flex 3: DST Enable Mode
	3. Use the dial–pad to enter desired data for the Attribute.
	4. Press the **[SAVE]** button to store the data entry.

Table 2.3.6.11-1 SYSTEM DATE, TIME (PGM 233)

BTN	DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	SET SYSTEM TIME/DATE TIME 00: 22 (HH: MM)	Sets the system time.	HH: MM	
2	SET SYSTEM TIME/DATE DATE : 01/13/08 (MMDDYY)	Sets the system date.	MMDDYY	
3	DST ENABLE MODE (1: ON/0: OFF) : OFF	Enables DST feature for System Time.	0 : OFF 1: ON	OFF
Web only	DST START TIME ONLY POSSIBLE BY WEBADM	The DST start time.	See DST Table	Last Sunday of March at 2:00 AM
Web only	DST END TIME ONLY POSSIBLE BY WEBADM	The DST end time.	See DST Table	Last Sunday in Oct. at 2:00 AM

2.3.6.12 Button LED Flash Rate – PGM Code 234

The LED Color and Flash Rate for various functions and states can be assigned any one of 15 System signals. The various functions and states are shown in the Tables (refer to [COLOR TABLE (PGM 234)] and [FLASH RATE TABLE (PGM 234)] Tables).

PROCEDURE:	
LED COLOR/FLASH RATE ENTER LED RANGE (01–51)	1. Press the **[PGM]** button and dial 234.
01–01 [CALLBK] INTERCOM F1: RED F2: 30 IPM	2. Enter the Function range to change the LED Color or Flash rate (refer to Tables 2.3.6.12-2 and 3).
Refer to the following table DISPLAY	3. Press the Flex button 1 and dial (1-3) for LED color. Or press the Flex button 2 and dial (00-14) for LED flash rate.
	4. Press the **[SAVE]** button to store.

Table 2.3.6.12-1 BUTTON LED FLASH RATE (PGM 234)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	[CALL BK] INTERCOM	**[CALL BACK]** button LED status intercom call back is active.	Color (1–3) Flashing Rate (00–14)	Flash: 30 IPM Color: RED
2	[CALL BK] CO LINE	**[CALL BACK]** button LED status CO queuing is in use.		Flash: 120 IPM Color: RED
3	[CALL BK] MSG WAIT	**[CALL BACK]** button LED status when a message is left.		Flash: 120 IPM Color: RED
4	[MUTE] MUTE	**[MUTE]** button LED status when voice is muted.		Flash: Steady Color: RED
5	[MUTE] COS CHANGE	**[MUTE]** button LED status when COS is downed.		Flash: 120 IPM Color: RED
6	[DND] DND	**[DND]** button LED status in DND.		Flash: Steady Color: RED
7	[DND] ONE-TIME	**[DND]** button LED status in one time DND.		Flash: 60 IPM Color: RED

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
8	[DND] PRESELECT MSG	**[DND]** button LED status when Station assigns a preselected message.		Flash: 15 IPM Color: RED
9	[CALL BK] ACNR	**[CALL BACK]** button LED status when ACNR is in use.		Flash: 480 IPM Color: RED
10	[SPK] SPEAKER	**[SPEAKER]** button LED status when on a conversation using the speakerphone.		Flash: Steady Color: RED
11	[SPK] HEADSET	**[SPEAKER]** button LED status when on a conversation using the headset.		Flash: Steady Color: RED
12	[SPK] INCOMING CALL	**[SPEAKER]** button LED status when receiving an intercom call.		Flash: 60 IPM Color: RED
13	[HOLD] PAGED	**[HOLD]** button LED status while Paging.		Flash: 60 IPM Color: RED
14	[HOLD] VOICE OVER	**[HOLD]** button LED status when in Voice-over mode.		Flash: 60 IPM Color: AMBER
15	[HOLD] ICM HOLD	**[HOLD]** button LED status when call is in intercom held state.		Flash: 60 IPM Color: AMBER
16	[RING] ICM RING	**[RING]** LED status when receiving an intercom call.		Flash: 60 IPM Color: RED
17	[RING] CO RING	**[RING]** LED status when receiving an incoming CO call.		Flash: 60 IPM Color: RED
18	[RING] MSW WAIT	**[RING]** LED status when a message is left.		Flash: 60 IPM Color: RED
19	[HEADSET] HEADSET	**[HEADSET]** LED status when the headset is used (LIP-8000 Phone).		Flash: Steady Color: RED
20	[HEADSET] BLUETOOTH	**[HEADSET]** LED status when Bluetooth™ is used (LIP-8000 Phone).		Flash: 60 IPM Color: RED

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
21	[DN] I USE	**[DN]** button LED status when I use is active.		Flash: Steady Color: GREEN
22	[DN] OTHER USE	**[DN]** button LED status when another station is in use.		Flash: Steady Color: RED
23	[DN] DND	**[DN]** button LED when status in DND.		Flash: Off Color: RED
24	[DN] INCOMING CALL	**[DN]** button LED status when receiving an intercom call.		Flash: 60 IPM Color: GREEN
25	[DN] HOLD	**[DN]** button LED status when call is in Held state.		Flash: 60 IPM Color: AMBER
26	[DN] CALL FORWARD	**[DN]** button LED status when Call forward is set.		Flash: Off Color: RED
27	[DN] I CONFERENCE	**[DN]** button LED status when I am in conference.		Flash: Steady Color: GREEN
28	[DN] OTHER CONF.	**[DN]** button LED status when another station is in conference mode.		Flash: Steady Color: RED
29	[DN] CONF SUPERVISOR	**[DN]** button LED status when active conference supervisor.		Flash: 60 IPM Color: AMBER
30	[DSS] INCOMING CALL	**[DSS]** button LED status when receiving an incoming call.		Flash: 60 IPM Color: RED
31	[DSS] BUSY	**[DSS]** button LED status in conversation.		Flash: Steady Color: RED
32	[DSS] DND	**[DSS]** button LED status in DND.		Flash: OFF Color: RED
33	[DSS] CALL FORWARD	**[DSS]** button LED status when call forward is set.		Flash: OFF Color: RED

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
34	[DSS] HANDSET–LIFT	**[DSS]** button LED status when handset is lifted.		Flash: OFF Color: RED
35	[DSS] PRESELECT MSG	**[DSS]** button LED status when a preselected message is assigned.		Flash: OFF Color: RED
36	[DSS] HOLD	**[DSS]** button LED status when call is in Held state.		Flash: Steady Color: RED
37	[CO] CO BUSY	**[CO]** button LED status when receiving an external call.		Flash: 60 IPM Color: RED
38	[CO] OTHER TALK	**[CO]** button LED status during other's talk state.		Flash: Steady Color: RED
39	[DN] VM MSG WAIT	**[DN]** button LED status when VM Message Wait is left.		Flash: 120 IPM Color: AMBER
40	[DSS] VM MSG WAIT	**[DSS]** button LED status when VM Message Wait is left.		Flash: 120 IPM Color: RED
41	[CO] CMD GRP RING	**[CO]** button LED status in Command Group Call ring state.		Flash: 60 IPM Color: RED
42	[CO] CMD GRP TALK	**[CO]** button LED status in Command Group Call Talk state.		Flash: Steady Color: RED
43	[CO] I TALK	**[CO]** button LED status in Talk state.		Flash: Steady Color: GREEN
44	[CO] HOLD	**[CO]** button LED status in Hold State.		Flash: 60 IPM WINK Color: RED
45	[CO] I HOLD	**[CO]** button LED status during I Hold.		Flash: 60 IPM WINK Color: GREEN
46	[CO] RECALL	**[CO]** button LED status in CO Recall state.		Flash: 480 FLUTTER Color: RED

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
47	[DSS] EMERGENCY ALERT	**[DSS]** button LED status when emergency is alerted.		Flash: 480 FLUTTER Color: RED
48	[DSS] HOTEL VIP WAKE UP	**[DSS]** button LED status when hotel VIP has wake-up alarm.		Flash: 240 FLUTTER Color: RED
49	[CLI] CLI(INCOMING)	**[CLI]** button LED status for CLI incoming call		Flash: Steady Color: RED
50	[CLI] CLI (OUTGOING)	**[CLI]** button LED status for CLI outgoing call		Flash: 60 IPM WINK Color: RED
51	[CLI] CLI (TALK)	**[CLI]** button LED status for CLI in talk status		Flash: Steady Color: RED

Table 2.3.6.12-2 COLOR TABLE (PGM 234)

COLOR	DESCRIPTION
1	RED
2	GREEN
3	AMBER

NOTE

If Green/Amber color is not supported by digital phone, Red Color is applied.

Table 2.3.6.12-3 FLASH RATE TABLE (PGM 234)

FLASH RATE	DESCRIPTION
00	Flash OFF
01	Flash Steady IPM
02	Flash 30 IPM
03	Flash 60 IPM
04	Flash 60 IPM Wink
05	Flash 240 IPM
06	Flash 240 IPM Flutter
07	Flash 480 IPM
08	Flash 480 IPM Flutter
09	Flash 15 IPM
10	Flash 120 IPM
11	Flash 120 IPM Flutter
12	Flash 30 IPM Wink
13	Flash 480 IPM Wink
14	Flash 480 IPM Double

2.3.6.13 ISDN PPP Web Admin Attributes – PGM Code 235

In addition to remote access via an IP network connection, the system database may be accessed remotely via an ISDN connection. Placing a call over an ISDN Line to the designated PPP Station will provide a connection to the system database. The system will request a user id and password, which must match one of the User Ids and passwords assigned. After the matching id and password are entered, the iPECS-MG Home page is provided and Web Admin is accessed.

PROCEDURE:	
PPP ATTRIBUTES PRESS FLEX KEY (1–8)	1. Press the **[PGM]** button and dial 235.
Refer to the following table DISPLAY	2. Press the desired Flex button, refer to the following Table.
	3. Used the dial pad to enter desired data.
	4. Press the **[SAVE]** button to store the data entry.

Table 2.3.6.13-1 PPP ATTRIBUTES (PGM 235)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	PPP USAGE (1: ON/0: OFF) : OFF	Determines if PPP is enabled or disabled.	0: OFF 1: ON	OFF
2	PPP DESTINATION NUMBER ….	If the incoming capability is 64 Kbps unrestricted digital and the called party number matches the PPP destination number, the system will automatically answer the call and request PPP ID and password.	Station number	None
3	PPP USER ID 1 …….	System accepts this PPP ID 1.	Max. 12. Character	None
4	PPP PASSWORD 1 ……..	The password entered is used to authorize PPP ID 1.	Max. 12. Character	None
5	PPP USER ID 2 …….	System accepts this PPP ID 2.	Max. 12. Character	None
6	PPP PASSWORD 2 ……..	The password entered is used to authorize PPP ID 2.	Max. 12. Character	None
7	PPP SERVER IP ADDRESS 10 .0 .0 .3	This IP address is used for a system as a PPP server.	IP address	10.0.0.3
8	PPP CLIENT IP ADDRESS 10 .0 .0 .2	This IP address is used for a user as a PPP client.	IP address	10.0.0.2

NOTE
After manually setting PPP server/client IP address, the user should restart the system.

2.3.6.14 MOBILE Attributes – PGM Code 236

The flash digit and input timer for call transferring from mobile extension can be assigned.

PROCEDURE:	
MOBILE ATTRIBUTE PRESS FLEX KEY (1–2)	1. Press the **[PGM]** button and dial 236.
Refer to the following table DISPLAY	2. Press the desired Flex button, refer to the following Table.
	3. Used the dial pad to enter desired data.
	4. Press the **[SAVE]** button to store the data entry.

Table 2.3.6.14-1 MOBILE ATTRIBUTES (PGM 236)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	FLASH DIGIT *	The flash digit from mobile extension.	Max. 2 digits	*
2	INPUT TIMER (sec) (01–20) : 05	The inter–digit timer of the mobile flash digit.	01–20 (seconds)	05

2.3.6.15 One Digit Service Attributes – PGM Code 237

A station calls a busy station and hears busy tone.

The caller can dial just one digit and the programmed feature is performed.

PROCEDURE:	
ONE–DIGIT SERVICE PRESS FLEX KEY (01–13)	1. Press the **[PGM]** button and dial 237.
Refer to the following table DISPLAY	2. Press the desired Flex button, refer to the following Table.
	3. Used the dial pad to enter desired data.
	4. Press the **[SAVE]** button to store the data entry.

Table 2.3.6.15-1 ONE-DIGIT SERVICE ATTRIBUTES (PGM 237)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	STEP CALL (1: EN/0: DIS) : DISABLE	Determines if step call is enabled or disabled.	0: Disable 1: Enable	Disable
2	Digit '1' (0–8) 0. NOT ASSIGNED	When accessing a busy tone, User may dial for one of the one–touch services.	0: N/A 1: Call–Back 2: Camp On 3: Call Wait 4: Voice Over 5: Intrusion 6: Hunt 7: Override-Hold 8: Override - Disconnect	N/A
3	Digit '2' (0–8) 0. NOT ASSIGNED			N/A
4	Digit '3' (0–8) 0. NOT ASSIGNED			N/A
5	Digit '4' (0–8) 0. NOT ASSIGNED			N/A
6	Digit '5' (0–8) 0. NOT ASSIGNED			N/A
7	Digit '6' (0–8) 0. NOT ASSIGNED			N/A
8	Digit '7' (0–8) 0. NOT ASSIGNED			N/A
9	Digit '8' (0–8) 0. NOT ASSIGNED			N/A
10	Digit '9' (0–8) 0. NOT ASSIGNED			N/A
11	Digit '0' (0–8) 0. NOT ASSIGNED			N/A
12	Digit '*' (0–8) 3. CALL–WAIT			Call Wait
13	Digit '#' (0–8) 4. VOICE–OVER			Voice–Over

2.3.6.16 SMDR COST Attributes – PGM Code 238

Station Message Detail Recording (SMDR) cost attributes can be assigned with Call cost per pulse when using call metering and time cost per minute.

PROCEDURE:	
SMDR COST ATTRIBUTES PRESS FLEX KEY (01–10)	1. Press the **[PGM]** button and dial 238.
Refer to the following table DISPLAY	2. Select the desired Flex button, refer to the following Table.
	3. Use the dial–pad to enter the desired data.
	4. To save SMDR Cost Attribute data, press the **[SAVE]** button.

Table 2.3.6.16-1 SMDR ATTRIBUTES (PGM 232)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	CURRENT UNIT ……	The unit of currency used for call cost can be identified with 3 alpha characters for easy reference.	Max 3 characters	-
2	COST PER PULSE (6DGT) 000000	When metering is provided by the PSTN, the cost per metering pulse can be assigned.	6 digits	000000
3	SMDR FRACTION (0-5): 0	Determines the position of the decimal in the Cost per Pulse, starting from the right-most digit.	0~5	0
4	INCOMING COST / MIN (6DGT) 000000	If CO line Metering Type is Time and incoming cal is set as report, this metering cost will be applied in every minute.	6 digits	000000
5	NORMAL COST / MIN (6DGT) 000000	If CO line Metering Type is Time and outgoing call is normal-outgoing, this metering cost will be applied in every minute. Normal-Outgoing call is not Local/Long/International call and not Mobile call.	6 digits	000000
6	LOCAL COST / MIN (6DGT) 000000	If CO line Metering Type is Time and outgoing call is local call, this metering cost will be applied in every minute.	6 digits	000000
7	LONG COST / MIN (6DGT) 000000	If CO line Metering Type is Time and outgoing call is long call, this metering cost will be applied in every minute.	6 digits	000000
8	INTNAT COST / MIN (6DGT) 000000	If CO line Metering Type is Time and outgoing call is international call, this metering cost will be applied in every minute.	6 digits	000000
9	DEDICATE COST / MIN (6DGT) 000000	If CO line Metering Type is Time and used CO line is dedicated line, this metering cost will be applied in every minute.	6 digits	000000

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
10	MOBILE COST / MIN (6DGT) 000000	If CO line Metering Type is Time and outgoing call is mobile call, this metering cost will be applied in every minute.	6 digits	000000

2.3.6.17 Dummy Dial Tone Digit – PGM Code 240

When digit conversion is programmed, the CO line is seized after digit conversion is completed and therefore user cannot hear the CO dial tone from PX until completing digit conversion. For this case, a dummy dial tone can be programmed. Pressing one of pre-programmed digits ('0–9', '*', '#', X'?) will provide CO dial tone to the user regardless of CO line seizure.

PROCEDURE:	
DUMMY DIAL–TONE DGT ENTER BIN NO (01–20)	1. Press the **[PGM]** button and dial 240.
01 DUMMY DIAL–TONE DGT ……	2. Dial bin no.
	3. Used the dial pad to enter desired data.
	4. Press the **[SAVE]** button to store the data entry.

Table 2.3.6.17-1 PPP ATTRIBUTES (PGM 240)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
	01 DUMMY DIAL–TONE DGT …..	Dummy Dial tone digits.	Max. 6 digits (0–9, *, #, X)	

2.3.6.18 Executive/Secretary Assign – PGM Code 241

Stations can be grouped as Executive/Secretary so that when the Executive enters DND, intercom and transferred calls are automatically routed to the Secretary. An Executive may have up to 3 Secretaries. A Secretary can be assigned to multiple Executives. The Secretary of one pair may be the Executive of another however, assignments that form a loop-back are not allowed.

PROCEDURE:	
EXEC/SEC ASSIGN ENTER BIN NO (01–48)	1. Press the **[PGM]** button and dial 241.
01 EXEC/SEC PRESS FLEX KEY (1–7)	2. Use the dial–pad to enter the desired Executive/Secretary pair bin.
Refer to the following table DISPLAY	3. Press the desired Flex button, refer to the following Table.
	4. Press the **[SAVE]** button to store the data entry.

Table 2.3.6.18-1 EXECUTIVE/SECRETARY ASSIGN (PGM 241)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	01 EXECUTIVE NUMBER ….	Assigns Executive station.		
2	01 SECRETARY ASSIGN …. …. ….	Assigns Secretary stations; enter secretary station range, or press FLEX 1–3 and enter station number to assign.	FLEX 1–3	
3	01 ICM CALL TO EXEC 0. SECRETARY (0–1)	Determines call forwarding when Executive/Secretary is in use. 0. SECRETARY: all internal calls to the Exec. Station (except for calls from executives having executive access privilege) is routed to the Secretary station regardless of the Executive station status. 1. SEC IF EXEC IN DND: internal calls are routed to secretary when executive is in 'DND'.	0: Secretary 1: Secretary if Executive in DND	Secretary
4	01 CO CALL TO EXEC 0. SECRETARY (0–1)	Determines call forwarding when Executive/Secretary is in use. 0. SECRETARY: all incoming CO calls to the Exec. Station are routed to the Secretary station regardless of the Executive status. 1. SEC IF ECEC DND: incoming CO calls are routed to secretary when executive is in 'DND'.	0: Secretary 1: Secretary if Executive in DND	Secretary
5	01 CALL EXECUTIVE 0.OFF (0–2)	This option is to directly route calls to the Executive station. OFF: executive calls are routed to secretary. FIRST SEC. DND: the executive receives call when first secretary is in 'DND'. ALL SEC. DND: the executive receives call when all secretaries in 'DND'.	0–2	0
6	01 SECRETARY CHOICE 0. FIRST IDLE (0–1)	Determines order in which secretary stations will receive calls (First Idle/Longest Idle).	0–1	0
7	01 MSG WAIT STATION 0.EXECUTIVE (0–1)	Determines if message wait indication is left at Executive Station or Secretary. 0. EXECUTIVE: message is left at Executive station. 1. FIRST SEC: message is left at the first secretary.	0: Executive 1: First Secretary	Executive

2.3.6.19 Executive−Executive Access – PGM Code 242

Each Executive can be allowed or denied access to other Executives. As a default, calls between executives are disabled.

PROCEDURE:	
EXEC/EXEC ACCESS ENTER BIN NO (01–48)	1. Press the **[PGM]** button and dial 242.
SELECT EXEC BIN IDX F1 (1–24)/F2 (25–48)	2. Use the dial–pad to enter a bin no.
	3. Press desired Flex button number (1−2). − Flex 1: access for 1 to 24 − Flex 2: access for 25 to 48
	4. Press the desired Flex button to toggle access. LED on: access allowed, LED off: access not allowed.
	5. Press the **[SAVE]** button to store the data entry.

2.3.6.20 VM COS Attribute – PGM Code 243

The voice mailbox attributes for each VM COS (class of service) can be defined here.

PROCEDURE:	
VM COS ATTRIBUTE ENTER COS RANGE (1-5)	1. Press the **[PGM]** button and dial 243.
1-5 VM COS ATT PRESS FLEX KEY (1-10)	2. Use the dial-pad to enter a COS range.
	3. Press the desired Flex button, refer to Following Table.
	4. Use the dial-pad to enter desired data for the Attribute.
	5. Press the **[SAVE]** button to store the data entered.

Table 2.3.6.20-1 VM COS ATTRIBUTE (PGM 243)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	GREETING LENGTH (00-99) : 60	The maximum length of greeting in second	00-99 (sec)	60
2	MESSAGE LENGTH (001-999) : 060	The maximum length of voice message in second	001-999 (sec)	60
3	MUNBER OF MESSAGE (001-250) : 099	The maximum number of voice message of each mailbox	001-250	99
4	RETENTION TIME (00-99) : 00 (DAYS)	The maximum number of days until the voice message is erased automatically	00-99	00

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
		00: The voice message is not deleted by system automatically.		
5	E-MAIL NOTIFICATION (1: ON / 0: OFF) : ON	Determines if the voice message will be notified to the owner through e-mail	ON/OFF	ON
6	FUTURE DELIVERY MSG (1: ON / 0: OFF) : OFF	The voice message can be delivered in future (P 2.0)	ON/OFF	OFF
7	CONFIRM MSG RECEIPT (1: ON / 0: OFF) : OFF	The receipt of voice message can be notified to the message sender (P 2.0)	ON/OFF	OFF
8	PRIVATE MSG MARK (1: ON / 0: OFF) : OFF	The voice message can be marked as private or not. If the voice message is set private, it cannot be forwarded to other users. (P2.0)	ON/OFF	OFF
9	AUTH FOR GREET&PW (1: ON / 0: OFF) : ON	Determines a VM user can access to “Greeting and password” menu.	ON/OFF	ON
10	ACCESS TO DIST LIST (1: ON / 0: OFF) : ON	Determines a VM user can access to “Distribution List” menu.	ON/OFF	ON

2.3.6.21 System Alternative Reroute Destination – PGM Code 244

A call reaches a destination after CCR announcement is played. If the destination does not answer due to some reasons, the call can be routed to an alternative destination programmed in this table according to the system time mode (Day/Night/Timed).

PROCEDURE:	
SYSTEM ALT REROUTE DEST ENTER BIN NO (001-100)	1. Press the **[PGM]** button and dial 244.
001 ENTER DAY MODE F1: DAY/F2: NIGHT/F3: TIMED	2. Use the dial-pad to enter an index.
001 DAY ALT DEST ENTER ERR TYPE (F1-F8)	3. Select Day mode and Dial Error Type; refer to Following Table.
See the following table DISPLAY	4. Press the desired Flex button; refer to Following Table.
	5. Use the dial-pad to enter desired data for the Attribute.
	6. Press the **[SAVE]** button to store the data entered.

Table 2.3.6.21-1 SYSTEM ALTERNATIVE DESTINATION (PGM 244)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
	001 DAY ALT DEST ENTER ERR TYPE (F1-F8)	Abnormal case can be selected as error type.	F1: Busy F2: No Answer F3: Invalid F4:Transfer No Answer F5: Recall No Answer F6: DND F7: OOS F8: Error	-
1	DAY) BUSY DEST F1: DEST F2: PROMPT	The destination and prompt usage can be set for each case	-	-
	DAY) BUSY DEST DISCONNECT	The call is disconnected. All destinations are set to 'Disconnect' by default.	-	-
	DAY) BUSY PROMPT (1: ON / 0: OFF) : OFF	The call is routed with or without the voice prompt for the case.	-	-
2	DAY) BUSY DEST ATTENDANT	The call is routed to Attendant.	-	-
3	DAY) BUSY DEST CO RING ASSIGN	The call is routed according to Ring Assign Table (PGM 167).	-	-
4	DAY) BUSY DEST ALT RING TBL (01-80) : …	If destination is set to Alt Ring Table and the Table index is assigned, the call is routed according to Alt Ring Table (PGM 181).	01-80	-
5	DAY) BUSY DEST TONE	The Error / Busy tone is heard.	-	-
6	DAY) BUSY DEST PILOT HUNT GROUP	The CO call is routed to Pilot Hunt Group of the original destination. Not available when 'Invalid' case.	-	-
7	DAY) XFER NO ANS DEST RING	The call is routed to the same destination again. Only possible for 'Transfer No Answer' or 'Recall No Answer' case.	-	-
8	DAY) XFER NO ANS DEST XFER STA	The CO call is routed to the transferred station again. Only possible for 'Transfer No Answer' case.	-	-

2.3.7 TABLES DATA – PGM Codes 250 – 269

2.3.7.1 Toll Exception Tables – PGM Code 250

Based on Table entries, Stations or DISA users are allowed or denied dialing specified numbers. The following rules apply to establishing restrictions based on the Table entries:

- If entries are only made in the Deny Table, only those numbers entered will be restricted and all other numbers can be dialed.
- When there are entries in both the Allow and Deny Table pair, if the number is in the Deny Table and it is not in Allow Table, the number will be restricted otherwise the number can be dialed without restriction.

COS values from 2 to 15 have an Allow and a Deny entry in the Toll Table. For each Table, there can be up to 100 separate Allow and Deny entries of up to 16 digits. Entries in the Tables can be any digit (0–9), "*", "#", "X".

Each entries have an option to be applied or not for about each tenant groups.

PROCEDURE:	
TOLL EXCEPTION TABLE ENTER COS NO (02–15)	1. Press the **[PGM]** button and dial 250.
02 TOLL TABLE F1: ALLOW / F2: DENY	2. Press Flex button 1–2: – Flex 1: Allow Table – Flex 2: Deny Table
02 ALLOW TABLE ENTER BIN NO (001–100)	3. Use the dial–pad to select a bin number (001–100).
02 ALLOW TABLE F1: DIGIT / F2: TENANT	4. Press Flex button 1–2: – Flex 1: Digit – Flex 2: Tenant group apply option
	5. Use the dial–pad to enter the dialed number desired (up to 16 digits). To delete a Toll Table entry, press the **[SPEED]** button.
	6. Press the **[SAVE]** button to store the data entry.
	7. Use the Flex buttons to apply at the tenant group or not. If LED is turned on, the entry is applied to the tenant group.

Table 2.3.7.1-1 TOLL TABLE ATTRIBUTES (PGM 250)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
	02 ALLOW TABLE BIN001: …..	Allow digits	Max. 16 digits	
	02 DENY TABLE BIN001: …..	Deny digits	Max. 16 digits	
	001 TENANT PRESS FLEX KEY (1–9)	Tenant groups to apply the table entry	1–9 (MG 300) 1–5 (MG 100)	

2.3.7.2 Digit Conversion Tables – PGM Code 251

The Digit Conversion Table index is assigned to the Station and CO line. And the digit conversion can be applied according to the Apply Time Type (Unconditional, Day/Night/Timed or LCR Day/Time) differently.

Each Table includes 300 entries of up to 16 digits; entries in the Tables can be any digit (0–9), or "*", "#".

Each Index can be applied by Apply Option. (All/Station/CO line/Disable)

PROCEDURE:	
DIGIT CONVERSION TABLE ENTER TABLE NUM (1–9)	1. Press the **[PGM]** button and dial 251.
1 DIGIT CONVERSION ENTER BIN NO (001–300)	2. Dial Digit Conversion Table Number (1–9).
1/001 DIGIT CONV. PRESS FLEX_KEY (01–19)	3. Dial conversion Bin No (001–300). − Flex 1: Apply Time Type − Flex 2: Dialed Digit − Flex 3: Unconditional Changed Digit − Flex 4−6: Day/Night Timed Changed Digit − Flex 7−15: LCR Time (Day/Time Zone Changed Digit) − Flex 16−17: DNT/LCR Time Table Index − Flex 18 : DID Name − Flex 19 : Apply Option
	4. Use the dial–pad to enter the dialed number.
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.7.2-1 DIGIT CONVERSION TABLE ATTRIBUTES (PGM 251)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	1/001 APPLY T–TYPE (0–2): UNCONDITIONAL	The Apply time type to be applied when the dialed digit is dialed.	0: Unconditional 1: Follow DNT 2: Follow LCR	Unconditional
2	1/001 DIALED DIGIT ……..	The dialed digits	Max. 16 digits	
3	1/001 UNCOND CHANGED ……..	The dialed digits are converted to this digit stream unconditionally.	Max. 16 digits	
4	1/001 DAY CHANGED ……..	The dialed digits are converted to this digit stream when Apply Time type is 'FOLLOW DNT' and current ring mode is DAY.	Max. 16 digits	
5	1/001 NIGHT CHANGED ……..	The dialed digits are converted to this digit stream when Apply Time type is 'FOLLOW DNT' and current ring mode is NIGHT.	Max. 16 digits	
6	1/001 TIMED CHANGED ……..	The dialed digits are converted to this digit stream when Apply Time type is 'FOLLOW DNT' and current ring mode is TIMED.	Max. 16 digits	

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
7	1/001 D1/T1 CHANGED ……..	The dialed digits are converted to this digit stream when Apply Time type is 'FOLLOW LCR' and day zone is 1 and time zone is 1.	Max. 16 digits	
8	1/001 D1/T2 CHANGED ……..	The dialed digits are converted to this digit stream when Apply Time type is 'FOLLOW LCR' and day zone is 1 and time zone is 2.	Max. 16 digits	
9	1/001 D1/T3 CHANGED ……..	The dialed digits are converted to this digit stream when Apply Time type is 'FOLLOW LCR' and day zone is 1 and time zone is 3.	Max. 16 digits	
10	1/001 D2/T1 CHANGED ……..	The dialed digits are converted to this digit stream when Apply Time type is 'FOLLOW LCR' and day zone is 2 and time zone is 1.	Max. 16 digits	
11	1/001 D2/T2 CHANGED ……..	The dialed digits are converted to this digit stream when Apply Time type is 'FOLLOW LCR' and day zone is 2 and time zone is 2.	Max. 16 digits	
12	1/001 D2/T3 CHANGED ……..	The dialed digits are converted to this digit stream when Apply Time type is 'FOLLOW LCR' and day zone is 2 and time zone is 3.	Max. 16 digits	
13	1/001 D3/T1 CHANGED ……..	The dialed digits are converted to this digit stream when Apply Time type is 'FOLLOW LCR' and day zone is 3 and time zone is 1.	Max. 16 digits	
14	1/001 D3/T2 CHANGED ……..	The dialed digits are converted to this digit stream when Apply Time type is 'FOLLOW LCR' and day zone is 3 and time zone is 2.	Max. 16 digits	
15	1/001 D3/T3 CHANGED ……..	The dialed digits are converted to this digit stream when Apply Time type is 'FOLLOW LCR' and day zone is 3 and time zone is 3.	Max. 16 digits	
16	1/001 DNT TIME INDEX (1–9): .	Day/Night/Timed Time Table Index	1–9, none	none
17	1/001 LCR TIME INDEX (1–9): .	LCR Time Table Index	1–9, none	none
18	1/001 NAME ……	When DID destination starts to ring, the name is displayed on the ringing station's LCD.	Max. 16 chars	
19	1/001 APPLY OPTION (0–3): ALL	The Apply Option can be applied according to the caller.	0. All 1. Station 2. CO Line 3. Disable	All

2.3.7.3 Digit Conversion Options – PGM Code 252

There are two options for Digit conversion: LCD Display and PRINT (refer to Tables).

PROCEDURE:	
DIGIT CONVERSION OPTION ENTER TABLE NUM (1–9)	1. Press the **[PGM]** button and dial 252.
1) DIGIT CONVE. OPTION PRESS FLEX_KEY (1–2)	2. Dial Digit Conversion Table Number (1–9).
	3. Press the Flex button (1–2).
	4. Use the dial–pad to enter the dialed number.
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.7.3-1 DIGIT CONVERSION OPTION ATTRIBUTES (PGM 252)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	1) DISPLAY CONV. DIGIT (1: ON/0: OFF) : OFF	If it is set to ON, the converted digits are displayed on station's LCD instead of dialed digits.	0: OFF 1: ON	OFF
2	1) PRINT CONV. DIGIT (1: ON/0: OFF) : OFF	If it is set to ON, the digits after conversion are printed on the SMDR.	0: OFF 1: ON	OFF

2.3.7.4 Time Table Attribute – PGM Code 253

The system can automatically select the Ring and COS Mode based on the system time Table. Three Ring and COS modes are supported: Day, Night, and Timed modes.

Each Time Table has a ring mode relating to the different ring assignments, COS, and answering method for the system. The ring mode can be controlled automatically through definitions in the Auto Ring Mode & weekly timetable based on the Time Table. The Attendant may change the system mode selection from automatic to manual. Refer to Table 2.3.7.4-1 for a description of the functions, the LCD displays and data entries required.

PROCEDURE:	
TIME TABLE ATTRIBUTE ENTER TABLE RANGE (1–5)	1. Press the **[PGM]** button and dial 253.
1–1 TIME TABLE ATTR PRESS FLEX KEY (1–5)	2. Use the dial pad to enter the desired Table range.
Refer to the following table DISPLAY	3. Press the Flex button for the desired setting; refer to the following Table.
	4. Use the dial pad to enter the desired flexible button.
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.7.4-1 TIME TABLE ATTRIBUTES (PGM 253)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	1–1 TIME ZONE COMMENT	Defines the comment of the Time Table.	32 Character	None
2	1–1 SYS TIME ZONE (0–73) 0. SYSTEM TIME	Defines the Time Zone of the Time Table.	0–73	SYSTEM TIME
3	1–1 DAYLIGHT SAVING (1: ON/0: OFF) : OFF	Defines Daylight Saving Time of Time Table.	ON/OFF	OFF
4	1–1 RING MODE (0–2) 0. DAY	Defines the ring mode of Time Table. 0. Day 1. Night 2. Timed	0–2	DAY
5	1–1 AUTO RING MODE (1: ON/0: OFF) : OFF	Defines the Auto Ring mode of the Time Table.	ON/OFF	OFF

2.3.7.5 Weekly Time Table – PGM Code 254

The ring mode can be controlled automatically through definitions in the Auto Ring Mode and Weekly Time Table based on the Time Table.

The start times for Day, Night and start and end times for timed modes are entered for each day of week.

PROCEDURE:	
WEEKLY TIME TABLE ENTER TABLE RANGE (1–7)	1. Press the **[PGM]** button and dial 254.
1–1 WEEKLY TIME TBL PRESS FLEX KEY (1–7)	2. Use the dial pad to enter the desired tenant range.
Refer to the following table DISPLAY	3. Press the Flex 1–7 for the desired day of week (Monday–Sunday). Press Flex 1–5 for the desired ring mode (Day, Night, Timed), and holiday mode, refer to the Table.
	4. Use the dial–pad to enter desired data for the Attribute. − Flex 1-4: 0000 to 2359 for a time (military time) − Flex 5: 0(Workday) or 1(Holiday) for holiday mode
	5. Press the **[SAVE]** button to store the data entered.

Table 2.3.7.5-1 WEEKLY TIME TABLE (PGM 254)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	MON DAY–09: 00 NITE–18: 00 W TDS–..: .. TDE–..: ..	Monday DAY/NIGHT/TIMED ring mode start times and TIMED mode end times and Holiday Mode.	0000–2359 0:Workday 1: Holiday	DAY: 9:00 NITE: 18:00 TDS: ..:.. TDE: ..:.. W
2	TUE DAY–09: 00 NITE–18: 00 W TDS–..: .. TDE–..: ..	Tuesday DAY/NIGHT/TIMED ring mode start times and TIMED mode end times and Holiday Mode.	0000–2359 0:Workday 1: Holiday	DAY: 9:00 NITE: 18:00 TDS: ..:.. TDE: ..:.. W
3	WED DAY–09: 00 NITE–18: 00 W TDS–..: .. TDE–..: ..	Wednesday DAY/NIGHT/ TIMED ring mode start times and TIMED mode end times and Holiday Mode.	0000–2359 0:Workday 1: Holiday	DAY: 9:00 NITE: 18:00 TDS: ..:.. TDE: ..:.. W
4	THU DAY–09: 00 NITE–18: 00 W TDS–..: .. TDE–..: ..	Thursday DAY/NIGHT/TIMED ring mode start times and TIMED mode end times and Holiday Mode.	0000–2359 0:Workday 1: Holiday	DAY: 9:00 NITE: 18:00 TDS: ..:.. TDE: ..:.. W
5	FRI DAY–09: 00 NITE–18: 00 W TDS–..: .. TDE–..: ..	Friday DAY/NIGHT/TIMED ring mode start times and TIMED mode end times and Holiday Mode.	0000–2359 0:Workday 1: Holiday	DAY: 9:00 NITE: 18:00 TDS: ..:.. TDE: ..:.. W

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
6	SAT DAY–..: .. NITE–..: .. W TDS–00: 00 TDE–..: ..	Saturday DAY/NIGHT/TIMED ring mode start times and TIMED mode end times and Holiday Mode.	0000–2359 0:Workday 1: Holiday	DAY: 9:00 NITE: 18:00 TDS: ..:.. TDE: ..:.. W
7	SUN DAY–..: .. NITE–..: .. W TDS–00: 00 TDE–..: ..	Sunday DAY/NIGHT/TIMED ring mode start times and TIMED mode end times and Holiday Mode.	0000–2359 0:Workday 1: Holiday	DAY: 9:00 NITE: 18:00 TDS: ..:.. TDE: ..:.. W

2.3.7.6 LCR Time Table – PGM Code 255

The LCR Time Tables provide a mechanism to define the database with Digit Conversion Table (PGM 251–252), which will route outgoing calls, particularly long distance, using the most cost-effective route.

Additionally, days of the week are grouped into zones (Day Zones) and the time of day can be set into three groups (Time Zones). Table 2.3.7.6-1 provides general descriptive information and input ranges.

PROCEDURE:	
LCR TIME TABLE ATTR. ENTER TABLE INDEX (1–9)	1. Press the **[PGM]** Button and dial 255.
1 LCR TIME ATTR. PRESS FLEX KEY (1–4)	2. Press Flex button 1–4, refer to the Table.
Refer to the following table DISPLAY	3. For LCR Time Zones, use the dial–pad to enter desired data. Refer to the Table for input ranges. – Flex 1–7: to select the day of week (1=Monday, 7=Sunday).
	4. Enter the desired Day Zone (1–3).
	5. Press the **[SAVE]** button to store the data entered.

Table 2.3.7.6-1 LCR TIME TABLE ATTRIBUTES (PGM 255)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	DAY ZN 1: 1234567 2: 3: M1 T2 W3 T4 F5 SA6 SU7	For each day of the week, a Day Zone (1 to 3) is assigned. The active Day Zone is the Zone assigned to the current day of the week (Flex button 1–7).	Flex 1–7 + 1–3	Zone 1: all days of the week
2	DAY ZONE 1 1: 00–24 2: ..–.. 3: ..–..	This entry defines the time zone of day zone 1 when Day Zone 1 is active.	00–24	00–24
3	DAY ZONE 2 1: 00–24 2: ..–.. 3: ..–..	This entry defines the time zone of day zone 2 when Day Zone 2 is active.	00–24	
4	DAY ZONE 3 1: 00–24 2: ..–.. 3: ..–..	This entry defines the time zone of day zone 3 when Day Zone 3 is active.	00–24	

2.3.7.7 Holiday Time Table – PGM Code 256

Each Time Table has a Holiday Time Table and Ring mode is operated as Night mode when the current date is set as a Holiday and Auto Ring Mode is set.

PROCEDURE:	
HOLIDAY TIME TABLE ENTER TABLE INDEX (1–9)	1. Press the **[PGM]** button and dial 256.
1 HOLIDAY TABLE ENTER BIN NO (01–50)	2. Use the dial pad to enter the desired Table index.
1/01 HOLIDAY ATTR ENTER FLEX KEY (1–2)	3. Use the dial pad to enter the desired bin.
Refer to the following table DISPLAY	4. Press the Flex button for the desired setting; refer to the following Table.
	5. Use the dial pad to enter the desired flexible button.
	6. Press the **[SAVE]** button to store the data entry.

Table 2.3.7.7-1 HOLIDAY TIME TABLE (PGM 256)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	1/01 CALENDAR TYPE (1: LUN/ 0:GRE): GREGORIAN	Defines the Calendar Type for Holiday Table.	LUNAR /GREGORIAN	GREGORIAN
2	1/01 HOLIDAY DATE 01 : ../..	Defines Holiday Date for Holiday Table.	MM/DD	None

2.3.7.8 System Speed Dial Table – PGM Code 257

The System Speed can be assigned.

PROCEDURE:	
SYSTEM SPEED DIAL TABLE ENTER RANGE (2000–3999)	1. Press the **[PGM]** button and dial 257.
2000–2000 SYS SPD DIAL PRESS FLEX_KEY (1–4)	2. Use the dial–pad for the desired speed range.
	3. Press the Flex button (1–4). – Flex 1: System Speed Dial – Flex 2: System Speed Dial Name – Flex 3: Toll Free – Flex 4: Tenant No
	4. Use the dial–pad to enter the dialed number.
	5. Press the **[SAVE]** button to store the data entered.

Table 2.3.7.8-1 SYSTEM SPEED DIAL TABLE ATTRIBUTES (PGM 257)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	2000–2000 SYS SPD DIAL ……..	The System Speed Dial Digits	Max. 32 digits	
2	2000–2000 SYS SPD NAME ……..	The System Speed Dial Name	Max. 16 characters	
3	2000–2000 TOLL FREE (1: ON/0: OFF) : OFF	Assignment to apply toll free	0: OFF 1: ON	OFF
4	2000–2000 TENANT NO (1–9) : 1	The tenant number to be applied the System Speed Access	1–9 (MG–300) 1–5 (MG–100)	1

2.3.7.9 Emergency Code Table – PGM Code 258

The Emergency Code Table is used to identify emergency numbers which, when dialed, will override all COS dialing restrictions. An Emergency Code number may be up to sixteen (16) digits in length.

PROCEDURE:	
EMERGENCY CODE TABLE ENTER BIN NO (01 – 50)	1. Press the **[PGM]** button and dial 258.
01 EMERGENCY CODE PRESS FLEX_KEY (1–3)	2. Use the dial–pad for the desired Emergency code entry, 01 – 50.
	3. Press the Flex button (1–3) – Flex 1: Dialed Digit – Flex 2: Changed Digit (To be dialed digits) – Flex 3: Tenant number
	4. Use the dial–pad to enter the dialed number.
	5. Press the **[SAVE]** button to store the data entered.

Table 2.3.7.9-1 EMERGENCY CODE TABLE ATTRIBUTES (PGM 258)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	01 DIALED DIGIT ……..	The dialed digits from user.	Max. 16 digits	
2	01 CHANGED DIGIT ……..	CO Group Access Code and digits to be sent to PX when user dials the dialed digit.	Max. 16 digits	
3	01 TENANT NO (1–9) : 1	The tenant number to be applied when user dials emergency code. If this field be leaved empty, this entry will be adapted to all of tenants.	Empty,1–9 (MG–300) 1–5 (MG–100)	1

2.3.7.10 Announcement Table – PGM Code 259

The Announcement Table can be assigned (refer to Tables).

PROCEDURE:	
ANNOUNCEMENT TABLE ENTER BIN NO (001–100)	1. Press the **[PGM]** button and dial 259.
001 1ST– ../.. 2ND–../.. 3–../.. 4–../.. CCR: …	2. Use the dial–pad for the desired announcement bin no.
	3. Press the Flex button (1–6) – Flex 1: The 1st VMIB Slot & Announcement No – Flex 2: The 2nd VMIB Slot & Announcement No – Flex 3: The 3rd VMIB Slot & Announcement No – Flex 4: The 4th VMIB Slot & Announcement No – Flex 5: CCR Index Number – Flex 6: Multi-Language Announcement Table Index
	4. Use the dial–pad to enter the dialed number.
	5. Press the **[SAVE]** button to store data entered.

Table 2.3.7.10-1 ANNOUNCEMENT TABLE ATTRIBUTES (PGM 259)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1–4 (Mg-300) 1-3 (Mg-100)	001 1ST–../.. 2ND–../.. 3–../.. 4–../.. CCR: …	The VMIB slot & Prompt No. to be used for playing the VMIB Announcement No.	VMIB Slot(00–18 (MG-300), 00-12 (MG-100)) & Prompt No (01–70)	
5 (MG-300) 4 (MG-100)	001 1ST–../.. 2ND–../.. 3–../.. 4–../.. CCR: …	CCR index used for playing the VMIB Announcement No.	1–100	
6 (MG-300) 5 (MG-100)	MULTI LANG ANNC TBL (001-100): [NOT USE]	Multi-language announcement table index used for playing the VMIB Announcement No.	1-100 NOT USE	NOT USE

2.3.7.11 Customer Call Routing Table – PGM Code 260

The system incorporates Integrated Voice Response (IVR) capabilities called Customer Call Routing (CCR). After or during a VMIB Announcement, a caller may dial a digit to select a destination or route for the call. The CCR Table defines the destination associated with digits dialed by the caller in response to the VMIB Announcement (001–100); up to 100 single-level Audio Text menus may be assigned, or multi-level menu structures (maximum 100 levels) can be established using one menu as a destination for the previous level.

PROCEDURE:	
CUSTOM CALL ROUTING SELECT BIN NO (001–100)	1. Press the **[PGM]** button and dial 260.
001 CCR TABLE PRESS FLEX KEY (1–13)	2. Use the dial–pad to select a CCR Table index, 001–100. The index number is the index of Announcement Table (PGM Code 259).
001 CCR TABLE (INPUT 1) F1: DIGIT F2: DISA	3. Press a Flex button (1–12, 10=0, 11=*, 12=#) to assign a route for the associated CCR dialed digit and to enable/disable DISA feature for each digit.
001 CCR TABLE ALT DEST (001-100): …..	4. Press Flex button 13 to assign the table index of system alternative destination (PGM 244).
001 CCR TABLE (INPUT 1) F1: DIGIT F2: DISA	5. Press Flex button 1 after selecting a Flex button (1~12) to assign a route for the associated CCR dialed digit.
001 CCR TABLE (INPUT 1) DISA (1: ON / 0: OFF): ON	6. Press Flex button 2 after selecting a Flex button (1~12) to enable/disable DISA feature for each digit.
	7. Press the **[SAVE]** button to store the data entered.

Table 2.3.7.11-1 CCR TABLE ATTRIBUTES (PGM 260)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1-12	001 CCR TABLE (INPUT 1) F1: DIGIT F2: DISA	Flex button 1 or 2 can be selected.		
	001 CCR TABLE (INPUT 1) DIGIT: ……..	The destination of CCR input digit; the destination can be a Station number, Station group number or Feature code. **NOTE** For Feature codes, refer to the Numbering Plan for the applicable codes.	Max. 8 Digits	
	001 CCR TABLE (INOUT 1) DISA (1: ON / 0: OFF): ON	DISA can be enabled or disabled for each digit input.	ON/OFF	ON
13	001 CCR TABLE ALT DEST (001-100): ……	Table index of system alternative reroute destination (PGM 244) can be set for the case the destination does not answer.	001-100	

2.3.7.12 Authorization Code Table – PGM Code 261

When a system wants to restrict dialing some codes, the codes can be assigned in Authorization Code Table.

The system compares the dialed digits to entries in Authorization Code Table, and if a match is found, the system will request the password to the caller.

Only when the user dials a valid password (a associated station number and the password (PGM 131 Index 4)), the dialed code is served for the caller

PROCEDURE:	
AUTHOR CODE TABLE ENTER BIN NO (001–100)	1. Press the **[PGM]** button and dial 261.
001 AUTHOR CODE TABLE PRESS FLEX KEY (1–1)	2. Use the dial–pad to enter an index.
	3. Press a desired Flex button, refer to Following Table.
	4. Use the dial-pad to enter the dialed number.
	5. Press the **[SAVE]** button to store the data entered.

Table 2.3.7.12-1 AUTHORIZATION CODE TABLE ATTRIBUTES (PGM 261)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	001 AUTHOR CODE ……..	The dialed digits to restrict.	Max. 12 digits	

2.3.7.13 ICLID Route Table – PGM Code 262

The system can employ Incoming Calling Line ID (ICLID) to determine the routing of incoming external calls. Each CO/IP Line may be assigned to employ ICLID routing. The System will compare the received ICLID to entries in the ICLID Route Table, and if a match is found, the System will route the call to the destination indicated by the index (bin) number (ALTERNATE RING ASSIGNMENT (PGM 181)).

PROCEDURE:	
ICLID TABLE ENTER BIN NO (001–250)	1. Press the **[PGM]** button and dial 262.
001 ICLID TABLE PRESS FLEX KEY (1–8)	2. To program ICLID Route Table, dial Bin No (001–250).
Refer to the following table DISPLAY	3. Press the Flex button for the desired ICLID Table entry; refer to Table.
	4. Use the dial pad to enter the desired Table data.
	5. Press the **[SAVE]** button to store the Table data entered.

Table 2.3.7.13-1 ICLID TABLE (PGM 262)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	001 ICLID NUMBER …….	ICLID used to match the index.	24–digits	None
2	001 ICLID NAME ……..	ICLID name that is sent by the System to the destination for the ICLID routed call.	16. Character	None
3	001 INC CO GROUP NO (01–72)..	The CO Group Number to apply ICLID route; if not assigned, ICLID is applied to all CO Groups.	1–72	
4	001 DAY RING INDEX (01–80) ..	The index to be routed in Day; the Alternative Ring Index (ALTERNATE RING TABLE ASSIGNMENT (PGM 181)).	1–80	
5	001 NIGHT RING INDEX (01–80) ..	The index to be routed in Night; the Alternative Ring Index (ALTERNATE RING TABLE ASSIGNMENT (PGM 181)).	1–80	
6	001 TIMED RING INDEX (01–80) ..	The index to be routed in Timed; the Alternative Ring Index (ALTERNATE RING TABLE ASSIGNMENT (PGM 181)).	1–80	
7	001 TENANT NO (1–9) 1	The tenant number to be applied the ICLID.	1–9 (MG–300) 1–5 (MG–100)	1
8	001 EXCEPTION INDEX (1-5)	The index for the ICLID exception table can be set for the exception cases.	1-5	

2.3.7.14 CLI Conversion Table – PGM Code 263

The system can convert Incoming or outgoing CLI using the CLI Conversion Table. The system will compare the received CLI or Calling CLI to the Conversion Table.

PROCEDURE:	
CLI CONVERSION TABLE ENTER TABLE NUM (1–9)	1. Press the **[PGM]** button and dial 263.
1 CLI CONVERSION ENTER BIN NO (01–50)	2. To select CLI Conversion Table, dial number (1–9).
1/01 CONV. INDEX PRESS FLEX KEY (1–2)	3. To program CLI Conversion Table, dial the appropriate bin number (01–50), and refer to the Table.
	4. Press the Flex button for the desired ICLID Table entry, refer to Table.
	5. Press the **[SAVE]** button to store the Table data entered.

Table 2.3.7.14-1 CLI CONV TABLE (PGM 263)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	1/01 ORIGINAL CLI ……..	Original CLI	24 digits	None
2	1/01 CONVERTED CLI ……..	Converted CLI	24 digits	None

2.3.7.15 Tone Port Table (Web Admin Only) – PGM Code 264

The system provides 19 types of tone ports. Each tone port may be selected as a tone type from the Tone Table (PGM 290).

Table 2.3.7.15-12.3.7.15-1 TONE PORT TABLE (Default)

INDEX	FREQUENCY		CADENCE	REPEAT
	FREQ 1	FREQ 2		
01	425 Hz	0 Hz	300 ms ON / 200 ms OFF	255 (Cont.)
02	620	0	200 ms ON / 200 ms OFF / 200 ms ON / 200 ms OFF	255 (Cont.)
03	1000	1020	500 ms ON / 500 ms OFF	3
04	440	0	1 sec ON / 4 sec OFF	255 (Cont.)
05	950	0	1 sec ON / 2 sec OFF	255 (Cont.)
06	950	0	400 ms ON / 100 ms OFF	2
07	950	0	200 ms ON / 200 ms OFF	3
08	1400	0	1200 ms ON / 320 ms OFF	1
09	1400	0	200 ms ON / 200 ms OFF	3
10	350	440	1 sec ON	255 (Cont.)
11	425	0	320 ms ON / 30 ms OFF	255 (Cont.)
12	620	0	200 ms ON / 200 ms OFF	3
13	950	0	100 ms ON / 200 ms OFF	2
14	425	0	200 ms ON / 200 ms OFF / 200 msec ON / 3400 msec OFF	255 (Cont.)
15	620	0	100 ms ON / 100 ms OFF	255 (Cont.)
16	425	620	500 ms ON / 500 ms OFF	255 (Cont.)
17	350	0	1 sec ON	255 (Cont.)
18	425	0	200 ms ON / 200 ms OFF / 200 ms ON / 1400 ms OFF	1
19	1260	1633	500 ms ON / 500 ms OFF	255 (Cont.)

2.3.7.16 Ring Table (Web Admin Only) – PGM Codes 265 – 266

Each Ring can have 4 different types among 19 Ring. After 4 different ring index programmed, CO line or Station may select one of 4 types.

Table 2.3.7.16-1 RING TABLE (PGM 265)

INDEX	RING NAME
1	Normal Call Ring (Station)
2	Normal Call Ring (CO)
3	Recall Ring (Station)
4	Recall Ring (CO)
5	Forward Call Ring (Station)
6	Forward Call Ring (CO)
7	Transfer Call Ring (Station)
8	Transfer Call Ring (CO)
9	Call Back Indication Ring
10	Wakeup Indication Ring
11	Revertible Ring
12	Paging Call Ring
13	Handsfree Answer Ring
14	Command Call Ring
15	Msg Alert Ring
16	Make Call Alert Ring
17	Alarm Ring
18	Fault Ring
19	DID Call Ring (CO)
20	Emergency Alert Ring
21	Bath Alarm Ring
22	VIP Wakeup Ring

Table 2.3.7.16-2 RING FREQ/CADENCE TABLE (PGM 266)

INDEX	FREQUENCY		CADENCE	REPEAT
	FREQ 1	FREQ 2		
01	1000	1020	200 ms ON / 200 ms OFF	255 (Cont.)
02	1000	1020	400 ms ON / 2 sec OFF	255 (Cont.)
03	1000	1020	400 ms ON / 600 ms OFF	255 (Cont.)
04	1000	1020	1 sec ON	1
05	1000	1020	800 ms ON / 2400 ms OFF	255 (Cont.)
06	890	910	800 ms ON / 2400 ms OFF	255 (Cont.)
07	1260	1280	800 ms ON / 2400 ms OFF	255 (Cont.)
08	800	820	800 ms ON / 2400 ms OFF	255 (Cont.)
09	1000	1020	400 ms ON / 400 ms OFF / 400 ms ON / 2 sec OFF	255 (Cont.)
10	890	910	400 ms ON / 400 ms OFF / 400 ms ON / 2 sec OFF	255 (Cont.)
11	1260	1280	400 ms ON / 400 ms OFF / 400 ms ON / 2 sec OFF	255 (Cont.)
12	800	820	400 ms ON / 400 ms OFF / 400 ms ON / 2 sec OFF	255 (Cont.)
13	1000	1020	200 ms ON / 200 ms OFF	255 (Cont.)
14	1000	1020	400 ms ON / 400 ms OFF	255 (Cont.)
15	1000	1260	300 ms ON / 300 ms OFF	255 (Cont.)

2.3.7.17 ICLID Exception Table – PGM Code 267

This table provides a way to handle some exceptional cases for ICLID (Incoming Calling Line ID) routing. If there's an entry matching the called party number, ICLID is not performed. Instead, the called party rings for the call, which is an exception to ICLID routing.

PROCEDURE:	
ICLID EXCEPTION TABLE ENTER TABLE INDEX (1-5)	1. Press the **[PGM]** button and dial 267. To Program ICLID Exception Table, dial Table No (1-5).
02 ICLID EXCEPTION ENTER BIN NO (01-50)	2. To program the attributes of table, dial Bin No (01-50).
1/01 DIALED DIGIT ……..	3. Use the dial-pad to enter desired Table data.
	4. Press the **[SAVE]** button to store the data Table entered.

Table 2.3.7.17-1 ICLID EXCEPTION TABLE (PGM 267)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	1/01 DIALED DIGIT ……..	Dialed digit stream activating ICLID exception.	16 digits	None

2.3.7.18 R2 Signal Group Table – PGM Code 268 (Web Admin Only)

This table defines R2 forward signal and backward signal. There are 9 indices. If one signal group is selected (1-9), the defined R2 forward and backward signals are displayed. The R2 signaling is based on ITU-T spec. But there are some various specifications according to the countries. So, each index defines each country's spec. But it can be modified. In case of ITU-T spec, index number is 1. And in case of Korea, index number is 2.

2.3.7.19 Voice Mail Dialing Table – PGM Code 269

When an external Voice Mail system is used that employs in-band signaling, a digit sequence must be defined for the system to signal various call characteristics to the Voice Mail system. The voice mail uses the sequences to determine appropriate announcements or further call routing. The Table permits the definition of digits as either a prefix or suffix to other digits (station number for mailbox identification). Sequences are defined for such call characteristics as Put Mail, Get Mail, No Answer call, etc.

PROCEDURE:	
VOICE MAIL DIALING TBL DIAL DIGIT (1–9)	1. Press the **[PGM]** button and dial 269.
Refer to the following table DISPLAY	2. Uses the dial–pad to enter a Table entry (1–9), refer to Table.
	3. Use the dial–pad to select Prefix or Suffix and the digit sequence, use the **[MSG/CALLBK]** button to enter a Pause, refer to the Table.
	4. Press the **[SAVE]** button to store the data entered.

Table 2.3.7.19-1 VOICE MAIL DIAL (PGM 269)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	VOICE MAIL 1 PREFIX OR SUFFIX (1–2)	Put Mail code sent when the voice mail is to receive call to record a message.	0: Prefix 1: Suffix Any digits	P#
2	VOICE MAIL 2 PREFIX OR SUFFIX (1–2)	Get Mail code sent when the voice mail is to playback recorded messages.	0: Prefix 1: Suffix Any digits	P##
3	VOICE MAIL 3 PREFIX OR SUFFIX (1–2)	Busy Mail code sent when the voice mail is to receive a call while the user is busy.	0: Prefix 1: Suffix Any digits	P#*3P
4	VOICE MAIL 4 PREFIX OR SUFFIX (1–2)	DND Mail code sent when the voice mail is to receive a call while the user is in DND.	0: Prefix 1: Suffix Any digits	P#*4P
5	VOICE MAIL 5 PREFIX OR SUFFIX (1–2)	No Answer Mail code sent when the voice mail is to receive a call when the user did not answer.	0: Prefix 1: Suffix Any digits	P#*5P
6	VOICE MAIL 6 PREFIX OR SUFFIX (1–2)	Error Mail code sent when the voice mail is to receive a call when a dialing error exists.	0: Prefix 1: Suffix Any digits	P#*6P
7	VOICE MAIL 7 PREFIX OR SUFFIX (1–2)		0: Prefix 1: Suffix Any digits	
8	VOICE MAIL 8 PREFIX OR SUFFIX (1–2)		0: Prefix 1: Suffix Any digits	
9	VOICE MAIL 9 DISCONNECT [DIAL DGT_1]	Disconnect Mail code sent when the voice mail is to disconnect a call.	Any digits	*****

2.3.7.20 Virtual CLI Table – PGM Code 750

This table is used for CLI when a virtual subscriber makes outgoing call at PGM 751 Virtual Subscriber Table. Length of number is 24 digits. This table can be assigned up to 300 for iPECS-MG 300 and 100 for iPECS-MG 100.

PROCEDURE:	
VIRTUAL CLI TABLE ENTER TABLE NO (001-300)	1. Press the **[PGM]** button and dial 750. To Program Virtual CLI Table, dial Table No (001–100 for the iPECS–MG 100, and 001–300 for iPECS–MG 300).
001 VIRTUAL CLI ……	2. Use the dial-pad to enter desired CLI data.
	3. Press the **[SAVE]** button to store the data Table entered.

2.3.7.21 Virtual Subscriber Table – PGM Code 751

The system can employ Virtual Subscriber to determine the routing of incoming external calls. Each CO/IP Line may be assigned to employ virtual subscriber routing. The system will compare the received CLI and Called number to entries in the Virtual Subscriber Table, and according to the Virtual Subscriber Service Option (PGM 165 – Index 17), the system will route the call to the destination.

The Virtual Subscriber Table contains incoming CLI, called number, incoming CO group, day/night/timed class, tenant, maximum virtual calls, digit conversion table, Virtual CLI table index and destination. The incoming CLI can be assigned up to 24 digits. The table can be assigned up to 300 for iPECS-MG 300 and 100 for iPECS-MG 100 tables.

PROCEDURE:	
VIRTUAL SUBSCRIBER TBL ENTER TABLE NO (001–300)	1. Press the **[PGM]** button and dial 751.
001 VIRTUAL SUBS TABLE PRESS FLEX KEY (01–15)	2. To program Virtual Subscriber Table, dial Table No (001–300).
Refer to the following table DISPLAY	3. Press the Flex button for the desired Virtual Subscriber Table entry; refer to Table.
	4. Use the dial pad to enter the desired Table data.
	5. Press the **[SAVE]** button to store the Table data entered.

Table 2.3.7.21-1 VIRTUAL SUBSCRIBER TABLE (PGM 751)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	001 INCOMING CLI …….	CLI used to match the index.	24–digits	None
2	001 CALLED NUMBER ……..	Called Number to match the index.	32–digits	None

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
3	001 INCOMING CO GRP NO (01–72): ..	The CO Group Number to apply Virtual Subscriber route; if not assigned, Virtual Subscriber Service is NOT applied.	1–72 (MG-300) 1–24 (MG-100)	None
4	001 DAY COS (00–15): 00	Virtual Subscriber's temporary COS in Day mode.	00–15	00
5	001 NIGHT COS (00–15): 00	Virtual Subscriber's temporary COS in Night mode.	00–15	00
6	001 TIMED COS (00–15): 00	Virtual Subscriber's temporary COS in Timed mode..	00–15	00
7	001 TENANT NO (1–9): 1	The tenant number to be applied the Virtual Subscriber.	1–9 (MG–300) 1–5 (MG–100)	1
8	001 MAX VIRTUAL CALL NO (000-254) : …	The maximum virtual subscriber service number with same CLI and Called Number at the same time.	000-254	None
9	001 DIGIT CONV TBL (1-9): 1	Specify Digit Conversion Table for Virtual Subscriber's destination.	1–9.	1
10	001 DESTINATION ……..	If this destination is assigned, received called number is ignored.	32–digits	None
11	001 VIRTUAL CLI TYPE (0:ALL/1:IND):ALL	Virtual CLI Type when virtual subscriber makes outgoing call. All : Apply for all outgoing calls IND: Apply the Virtual CLI differently according to extensions, CO groups(max. 6) and the others.		ALL
12	001 IND STA VCLI IDX (001-300): …	When the destination is an extension, this Virtual CLI index is used for display.	001–300 (MG–300) 001–100 (MG–100)	None
13	001 IND OTHER VCLI IDX (001-300): …	1) When Virtual CLI type is ALL 2) When Virtual CLI type is IND and the Virtual CLI index is not specified.	001–300 (MG–300) 001–100 (MG–100)	None
14	001 IND OG CO GRP ASG PRESS FLEX 1-6	Assign the outgoing CO groups for using the Virtual CLI individually.	Refer to Table 2.3.7.21-2.	
15	001 IND CO GRP VCLI ASG PRESS FLEX 1-6	Assign the Virtual CLI Table index for each CO group in Flex 14.	Refer to Table 2.3.7.21-3.	

Table 2.3.7.21-2 Individual Outgoing CO Group Assignment (PGM 751)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	001IND 1 CO GRP ..	The first outgoing CO group for using Virtual CLI.	1–72 (MG-300) 1–24 (MG-100)	None
2	001IND 2 CO GRP ..	The second outgoing CO group for using Virtual CLI.	1–72 (MG-300) 1–24 (MG-100)	None
3	001IND 3 CO GRP ..	The third outgoing CO group for using Virtual CLI.	1–72 (MG-300) 1–24 (MG-100)	None
4	001IND 4 CO GRP ..	The fourth outgoing CO group for using Virtual CLI.	1–72 (MG-300) 1–24 (MG-100)	None
5	001IND 5 CO GRP ..	The fifth outgoing CO group for using Virtual CLI.	1–72 (MG-300) 1–24 (MG-100)	None
6	001IND 6 CO GRP ..	The sixth outgoing CO group for using Virtual CLI.	1–72 (MG-300) 1–24 (MG-100)	None

Table 2.3.7.21-3 Individual CO Group Virtual CLI Assignment (PGM 751)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	001 IND 1 CO GRP ..	The Virtual CLI Table index for the first outgoing CO group.	001–300 (MG–300) 001–100 (MG–100)	None
2	001 IND 2 CO GRP ..	The Virtual CLI Table index for the second outgoing CO group	001–300 (MG–300) 001–100 (MG–100)	None
3	001 IND 3 CO GRP ..	The Virtual CLI Table index for the third outgoing CO group	001–300 (MG–300) 001–100 (MG–100)	None
4	001 IND 4 CO GRP ..	The Virtual CLI Table index for the fourth outgoing CO group	001–300 (MG–300) 001–100 (MG–100)	None
5	001 IND 5 CO GRP ..	The Virtual CLI Table index for the fifth outgoing CO group	001–300 (MG–300) 001–100 (MG–100)	None
6	001 IND 6 CO GRP ..	The Virtual CLI Table index for the sixth outgoing CO group	001–300 (MG–300) 001–100 (MG–100)	None

2.3.8 TENANTS DATA – PGM Codes 270 – 296

2.3.8.1 Attendant Group – PGM Codes 270 – 272

Each tenant on the System can have an Attendant Group which an Attendant group can have up to 5 Attendants.

2.3.8.1.1 Attendant Group Assign – PGM Code 270

Attendant Stations can be grouped so that calls will search for an idle Attendant in the group. The System allows assignment of the process to be in Circular, Terminal, Ring, Longest Idle modes.

Refer to the following Table for a description of the functions, the LCD displays and data entries required.

PROCEDURE:	
ATTENDANT GR ASSIGN ENTER TENANT NO (1–9)	1. Press the **[PGM]** button and dial 270.
TENANT 1 ATTD GR. PRESS FLEX KEY (1–4)	2. Use the dial pad to enter the desired tenant number (1–5 for the iPECS–MG 100 and 1–9 for iPECS–MG 300).
Refer to the following table DISPLAY	3. Press the Flex button for the desired setting; refer to the following Table.
	4. Use the dial pad to enter the desired Attendant Group data. **NOTE** For group members, enter an attendant number or attendant range. For an individual station press the desired Flex button for the position of the station in the group and dial the attendant number. For a range, enter the first and last station number in the range (only LKD/LDP/LIP model can be assigned).
	5. Press the **[SAVE]** button to store the data entered.

Table 2.3.8.1.1-2.3.8.1-1 ATTENDANT GROUP ASSIGNMENT (PGM 270)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	ATTD GR TYPE 0.TERMINAL (0–3)	Defines the type of Attendant group.	0: Terminal 1: Circular 2: Ring 3: Longest Idle	Terminal
2	ATTD GR NAME	Defines the name of attendant group.	Max. 16	–
3	CO ATD NUMBER	Defines attendant call number for CO line.	Max. 4	
4	MEMBER ASG	Assigns stations as members of an Attendant group.		First Station

2.3.8.1.2 Attendant Group Greeting/Queuing – PGM Code 271

Each attendant group has available attributes relating to the greeting and queuing announcements, time. Table 2.3.8.1.2-1 provides descriptions for the attributes, LCD displays and data entries required.

PROCEDURE:	
ATTD GR GREETING/QUEUING ENTER TENANT NO (1–9)	1. Press the **[PGM]** button and dial 271.
T1 GREETING/QUEUING PRESS FLEX_KEY (01–20)	2. Use the dial pad to enter the desired tenant number (1–5 for the iPECS–MG 100, and 1–9 for iPECS–MG 300).
Refer to the following table DISPLAY	3. Press the Flex button for the desired attribute, refer to Table.
	4. Use the dial pad to enter the desired attendant group attributes data, refer to the Table.
	5. Press the **[SAVE]** button to store the data entered.

Table 2.3.8.1.2-1 ATTENDANT GROUP GREETING/QUEUING (PGM 271)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	T1 GREETING TYPE (01–15): 1 (NORMAL TONE)	Determines the type of Greeting Tone to be used.	1. Normal 2. Prompt 3. Annc 4: INT MOH 5: EXT MOH 6: VMIB MOH1 7: VMIB MOH2 8: VMIB MOH3 9: VMIB MOH4 10: SLT MOH1 11: SLT MOH2 12: SLT MOH3 13: SLT MOH4 14: SLT MOH5 15: Not Use	Normal
2	T1 GREETING PLAY (000–180) : 000 (sec)	Determines the Greeting Play time.	000–180 (sec)	000
3	T1 GREETING TONE NO (01–19): ..	Determines the Greeting Tone number when greeting type is set to Normal.	01–19	NOT ASG
4	T1 GREETING PROMPT/ANNC (001–255): ...	Determines the Greeting Prompt/ Announce Number when Greeting Type is set to Prompt or Announce.	001–255	NOT ASG

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
5	T1 GREETING REPEAT NO (000–100) : 003	Determines the number of times the Greeting will repeat, When greeting type is Prompt or Announcement. After greeting play time, greeting repeat will be stopped.	000–100	3
6	T1 GREETING RPT DELAY (000–100) : 000 (sec)	Determines the length of time the timer will pause before the greeting is repeated.	000–100 (seconds)	0
7	T1 QUEUING TYPE (01–15): 1 (NORMAL TONE)	Determines the type of Queuing Tone.	1. Normal 2. Prompt 3. Annc 4. INT MOH 5. EXT MOH 6: VMIB MOH1 7: VMIB MOH2 8: VMIB MOH3 9: VMIB MOH4 10:SLT MOH1 11:SLT MOH2 12:SLT MOH3 13:SLT MOH4 14:SLT MOH5 15: Not Use	INT MOH
8	T1 QUEUING TIMER (000–180) : 030 (sec)	Determines the Greeting/Queuing Timeout Timer.	000~300 (seconds)	030
9	T1 QUEUING TONE NO (01–19) : ..	Determines the Queuing Tone number used when Queuing Type is set to Normal.	01–19	NOT ASG
10	T1 QUEUING PROMPT/ANNC (001–255) : ...	Determines the Queuing Prompt/ Announce Number when the Queuing Type is set to Prompt or Announce.	001–255	NOT ASG
11	T1 QUEUING REPEAT NO (000–100) : 003	Determines the Queuing Repeat number, when queuing type is Prompt or Announcement. After queuing time, queuing repeat will be stopped.	000–100	3
12	T1 QUEUING RPT DELAY (000–100) : 000 (sec)	Determines the Pause Timer before Queuing is repeated, when queuing type is Prompt or Announcement.	000–100 (seconds)	0

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
13	T1 QUEUING CCR (1: ON/0: OFF): OFF	This entry defines CCR option while during queuing announcement is provided.	0–1	0
14	T1 SECOND Q. TYPE (01–15): 4 (INT MOH)	This entry defines the type of second queuing tone, when queuing type is Prompt or Announcement.	1: Normal 2: Prompt 3: Annc 4: INT MOH 5: EXT MOH 6: VMIB MOH1 7: VMIB MOH2 8: VMIB MOH3 9: VMIB MOH4 10: SLT MOH1 11: SLT MOH2 12: SLT MOH3 13: SLT MOH4 14: SLT MOH5 15: Not Use	INT MOH
15	T1 SECOND Q. TIMER (000–300) : 030 (sec)	This entry defines the timer for forward destination.	000–300 (seconds)	30
16	T1 SECOND TONE NO (01–19) : ..	This entry defines second queuing tone number in case queuing type is normal.	01–19	NOT ASG
17	T1 SECOND PRT/ANNC (001–255) : ...	This entry defines second queuing prompt / annc Number in case queuing type is Prompt or Announcement.	001–255	NOT ASG
18	T1 SECOND REPEAT NO (000–100) : 003	This entry defines second queuing repeat number, when second queuing type is Prompt or Announcement. After second queuing time, queuing repeat will be stopped.	000–100	3
19	T1 SECOND RPT DELAY (000–100) : 000 (sec)	This entry defines the pause timer before second queuing repeat, when second queuing type is Prompt or Announcement.	000–100 (seconds)	0
20	T1 SECOND CCR (1: ON/0: OFF): OFF	This entry defines CCR option while during second queuing announcement is provided, when second queuing type is Prompt or Announcement.	0–1	0

2.3.8.1.3 Attendant Group Attributes – PGM Code 272

Each attendant group has available attributes relating to announcements, timers, forward, etc. Table 2.3.8.1.3-1 provides descriptions for the attributes, LCD displays and data entries required.

PROCEDURE:	
ATTENDANT GR ATTR ENTER TENANT NO (1–9)	1. Press the **[PGM]** button and dial 272.
T1 ATTENDANT ATTR PRESS FLEX_KEY (1–11)	2. Use the dial pad to enter the desired tenant number (1–5 for the iPECS–MG 100, and 1–9 for iPECS–MG 300).
Refer to the following table DISPLAY	3. Press the Flex button for the desired attribute; refer to the Table.
	4. Use the dial pad to enter the desired attendant group attributes data, refer to the following Table.
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.8.1.3-1 ATTENDANT GROUP ATTRIBUTES (PGM 272)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	T1 CALL IN GREETING (0–1): IN GREETING	Determines if call is routed to the Attendant when Greeting Tone is played.	0.After Greeting 1. In Greeting	In Greeting
2	T1 MAX QUEUE COUNT (00–99) : 05	Determines the Queue count.	00–99	05
3	T1 FORWARD TYPE 0.NOT USED (0–4)	Determines the Forward type to use. 0: Not used 1: Unconditional – call is routed to a forward destination unconditionally. 2: Queuing overflow – call is routed to a forward destination when a queue overflows. 3: Queuing timeout – call is routed to a forward destination when queuing time expires. 4: Queuing all – call is routed to a forward destination when a queue overflows or queuing time expires.	0. NOT USED 1. UNCOND 2. Q Overflow 3. Time out 4. All	NOT USED
4	T1 APPLY TIME TYPE 0. ALL (0–3)	Determines the time setting for applying the Forward type.	0. ALL 1. DAY 2. NIGHT 3. TIMED	ALL
5	T1 FWD DESTINATION	Determines the forward destination (trunk access code should be included).	Max. 16 digits	

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
6	T1 WRAP UP TIMER (000–600) : 005 (100ms)	Determines the Wrap–up Timer; a member is available when this timer expires after a member goes to idle.	000–600 (100ms)	5
7	T1 MEMBER NO ANS TMR (05–60): 15 (sec)	Determines the No Answer timer of attendant group member. if this timer expires, a call is routed to the next attendant member.	05–60 (seconds)	15
8	T1 ATD CALL BY STA NO (1: ON/0: OFF) : OFF	This entry defines attendant call by dialing attendant member. 0 : the call for attendant follows normal call. 1: the call for attendant follows attendant group call	0: OFF 1: ON	OFF
9	T1 RING NO ANS TMR (000–180): 000 (sec)	This entry defines ring no answer timer. If this timer expires, a call is routed to the forward destination according to forward type.	0–180 (seconds)	0
10	T1 PROVIDE ANNC. (0–1): WITH ANSWER	This entry defines when system answers the incoming call. 0: When attendant answer the incoming call. 1: when greeting is served or when the incoming call is queued.	0: with answer 1: w/o answer	with answer
11	T1 RING FOR FWD MEM (0-1): NO RING	This entry defines if system provides ring service when a member goes to unconditional forward state.	0: NO RING 1: FWDED STA	NO RING

2.3.8.2 Night Attendant Group – PGM Codes 275 – 277

Night Attendant Group covers a call while the Attendant station is in an unavailable mode or system goes to night mode.

2.3.8.2.1 Night Attendant Group Assign – PGM Code 275

Stations can be grouped as night attendant group so that calls will search for an idle station in the night attendant group. The system allows assignment of processes, Circular, Terminal, Ring, and Longest Idle.

Refer to Table 2.3.8.2.1-1 for a description of the functions, the LCD displays and data entries required.

PROCEDURE:	
NIGHT ATD GR ASSIGN ENTER TENANT NO (1–9)	1. Press the **[PGM]** button and dial 275.
TENANT 1 NIGHT ATD GR. PRESS FLEX KEY (1–3)	2. Use the dial pad to enter the desired tenant number (1–5 for the iPECS–MG 100, and 1–9 for iPECS–MG 300).
Refer to the following table DISPLAY	3. Press the Flex button for the desired setting; refer to the following Table.
	4. Use the dial pad to enter the desired Attendant Group data. **NOTE** For group members, enter an attendant number or attendant range. For an individual station press the desired Flex button for the position of the station in the group and dial the attendant number. For a range, enter the first and last station number in the range (only LKD/LDP/LIP model can be assigned).
	5. Press the **[SAVE]** button to store the data entered.

Table 2.3.8.2.1-2.3.8.2-1 NIGHT ATTENDANT GROUP ASSIGNMENT (PGM 275)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	T1 NIGHT ATD GR TYPE 0.TERMINAL (0–3)	Determines the type of Night Attendant group.	0: Terminal 1: Circular 2: Ring 3: Longest Idle	Terminal
2	T1 NIGHT ATD GR NAME	Determines the name of the night Attendant group.	Max. 16.	–
3	T1 NIGHT GR MEMBER ASG	Assigns Stations as members of a Night Attendant group.		First Station

2.3.8.2.2 Night Attendant Group Greeting/Queuing – PGM Code 276

Each night attendant group has available attributes relating to the greeting and queuing announcements, time. Table 2.3.8.2.2-1 provides descriptions for the attributes, LCD displays and data entries required.

PROCEDURE:	
NIGHT GREETING/QUEUING ENTER TENANT NO (1–9)	1. Press the **[PGM]** button and dial 276.
T1 GREETING/QUEUING PRESS FLEX_KEY (01–20)	2. Use the dial pad to enter the desired tenant number (1–5 for the iPECS–MG 100, and 1–9 for iPECS–MG 300).
Refer to the following table DISPLAY	3. Press the Flex button for the desired attribute; refer to the Table.
	4. Use the dial pad to enter the desired attendant group attributes data, refer to the following Table.
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.8.2.2-1 NIGHT ATTENDANT GROUP GREETING/QUEUING (PGM 276)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	T1 GREETING TYPE (01–15): 1 (NORMAL TONE)	Determines the type of Greeting Tone to be used.	1: Normal 2: Prompt 3: Annc 4: INT MOH 5: EXT MOH 6: VMIB MOH1 7: VMIB MOH2 8: VMIB MOH3 9: VMIB MOH4 10: SLT MOH1 11: SLT MOH2 12: SLT MOH3 13: SLT MOH4 14: SLT MOH5 15: Not Use	Normal
2	T1 GREETING PLAY (000–180) : 000 (sec)	Determines greeting play time.	000–180 (sec)	000
3	T1 GREETING TONE NO (01–19) : ..	Determines the Greeting Tone number in case greeting type is normal.	01–19	NOT ASG

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
4	T1 GREETING PROMPT/ANNC (001–255) : ...	Determines the Greeting Prompt / Annc Number when the greeting type is set to Prompt, or Announce.	001–255	NOT ASG
5	T1 GREETING REPEAT NO (000–100) : 003	Determines the Greeting Repeat number.	000–100	3
6	T1 GREETING RPT DELAY (000–100) : 000 (sec)	Determines the number of times the Greeting will repeat, when greeting type is Prompt or Announcement. After greeting play time, greeting repeat will be stopped.	000–100 (seconds)	0
7	T1 QUEUING TYPE (01–15): 4 (INT MOH)	Determines the type of Queuing Tone.	1: Normal 2: Prompt 3: Annc 4: INT MOH 5: EXT MOH 6: VMIB MOH1 7: VMIB MOH2 8: VMIB MOH3 9: VMIB MOH4 10: SLT MOH1 11: SLT MOH2 12: SLT MOH3 13: SLT MOH4 14: SLT MOH5 15: Not Use	INT MOH
8	T1 QUEUING TIMER (000–300) : 030 (sec)	Determines greeting/queuing timeout timer.	000–300 (sec)	30
9	T1 QUEUING TONE NO (01–19) : ..	Determines Queuing Tone number when Queuing Type is set to Normal.	01–19	..
10	T1 QUEUING PROMPT/ANNC (001–255) : ...	Determines Queuing Prompt / Annc. Number when Queuing Type is set to Prompt or Announce.	001–255	NOT ASG
11	T1 QUEUING REPEAT NO (000–100) : 003	Determines the Queuing Repeat number, when queuing type is Prompt or Announcement. After queuing time, queuing repeat will be stopped.	000–100	3

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
12	T1 QUEUING RPT DELAY (000–100) : 000 (sec)	Determines the Pause Timer before Queuing is repeated , when queuing type is Prompt or Announcement.	000–100 (seconds)	0
13	T1 QUEUING CCR (1: ON/0: OFF): OFF	This entry defines CCR option while during queuing announcement is provided, when queuing type is Prompt or Announcement.	0–1	0
14	T1 SECOND Q. TYPE (01–15): 4 (INT MOH)	This entry defines the type of second queuing tone.	1: Normal 2: Prompt 3: Annc 4: INT MOH 5: EXT MOH 6: VMIB MOH1 7: VMIB MOH2 8: VMIB MOH3 9: VMIB MOH4 10: SLT MOH1 11: SLT MOH2 12: SLT MOH3 13: SLT MOH4 14: SLT MOH5 15: Not Use	INT MOH
15	T1 SECOND Q. TIMER (000–300) : 030 (sec)	This entry defines the timer for forward destination.	000–300 (seconds)	30
16	T1 SECOND TONE NO (01–19) : ..	This entry defines second queuing tone number in case queuing type is normal.	01–19	NOT ASG
17	T1 SECOND PRT/ANNC (001–255) : ...	This entry defines second queuing prompt / annc Number in case queuing type is Prompt or Announcement.	001–255	NOT ASG
18	T1 SECOND REPEAT NO (000–100) : 003	This entry defines second queuing repeat number, when second queuing type is Prompt or Announcement. After second queuing time, queuing repeat will be stopped.	000–100	3
19	T1 SECOND RPT DELAY (000–100) : 000 (sec)	This entry defines the pause timer before second queuing repeat, when second queuing type is Prompt or Announcement.	000–100 (seconds)	0
20	T1 SECOND CCR (1: ON/0: OFF): OFF	This entry defines CCR option while during second queuing announcement is provided, when second queuing type is Prompt or Announcement.	0–1	0

2.3.8.2.3 Night Attendant Group Attributes – PGM Code 277

Each Night Attendant group has available attributes relating to Announcements, Timers, Forward, etc. (refer to Table 2.3.8.2.3-1 for descriptions of the attributes, LCD displays and data entries required).

PROCEDURE:	
NIGHT ATD GR ATTR ENTER TENANT NO (1–9)	1. Press the **[PGM]** button and dial 277.
T1 NIGHT ATD ATTR PRESS FLEX_KEY (1–9)	2. Use the dial pad to enter the desired Tenant number (1–5 for the iPECS–MG 100, and 1–9 for iPECS–MG 300).
Refer to the following table DISPLAY	3. Press the Flex button for the desired attribute (refer to Table).
	4. Use the dial pad to enter the desired Attendant group attributes data (refer to Table).
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.8.2.3-1 NIGHT ATTENDANT GROUP ATTRIBUTES (PGM 277)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	T1 CALL IN GREETING (0–1): IN GREETING	Determines if a call is routed to the Night Attendant while the Greeting Tone is played.	0: After Greeting 1: In Greeting	In Greeting
2	T1 MAX QUEUE COUNT (00–99): 05	This entry defines queue count.	00–99	05
3	T1 FORWARD TYPE 0.NOT USED (0–4)	This entry defines forward type. 0: Not used 1: Unconditional – call is routed to a forward destination unconditionally. 2: Queuing overflow – call is routed to a forward destination when queue overflows. 3: Timeout – call is routed to a forward destination when timeout timer expires. 4: All – call is routed to a forward destination when queue overflows or timeout timer expires.	0: NOT USED 1: UNCOND 2: Q Overflow 3: Q Time out 4: All	NOT USED
4	T1 APPLY TIME TYPE 0. ALL (0–3)	Determines a time to apply the Forward type.	0. ALL 1. DAY 2. NIGHT 3. TIMED	ALL
5	T1 FWD DESTINATION	Determines a forward destination (trunk access code should be included).	Max. 16 digits	

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
6	T1 WRAP UP TMR (000–600): 010 (100ms)	Determines the Wrap–up timer (member is available when timer expires after a member goes to idle).	000–600 (100 ms)	010
7	T1 MEMBER NO ANS TMR (05–60): 15 (sec)	Determines the No Answer timer of night attendant group member. If this timer expires, a call is routed to the next night attendant member.	05–60 (seconds)	15
8	T1 RING NO ANS TMR (000–180): 000 (sec)	This entry defines ring no answer timer. If this timer expires, a call is routed to the forward destination according to forward type.	0–180 (seconds)	0
9	T1 PROVIDE ANNC. (0–1): WITH ANSWER	This entry defines when system answers the incoming call. 0: When attendant answer the incoming call. 1: when greeting is served or when the incoming call is queued.	0: with answer 1: w/o answer	with answer

2.3.8.3 Tenant Attributes – PGM Codes 280 – 281

One System can be divided as several systems; each Station and CO line is assigned to a specific Tenant group.

2.3.8.3.1 Tenant Attributes I – PGM Code 280

Each tenant has available attributes relating to tenant name, retry count of ACNR, Wake Up, Auth etc. (refer to Table 2.3.8.3.1-1 for a description of the functions, the LCD displays and data entries required).

PROCEDURE:	
TENANT ATTRIBUTE 1 ENTER TENANT RANGE (1–9)	1. Press the **[PGM]** button and dial 280.
1–1 TENANT ATT 1 PRESS FLEX KEY (1–13)	2. Use the dial pad to enter the desired tenant range (1–5 for the iPECS–MG 100, and 1–9 for iPECS–MG 300).
Refer to the following table DISPLAY	3. Press the Flex button for the desired setting (refer to Table).
	4. Use the dial pad to enter the desired flexible button.
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.8.3.1-2.3.8.3-1 TENANT ATTRIBUTES I (PGM 280)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	1–1 TENANT NAME	Determines the name of Tenant.	Max. 16	
2	TENANT NAME DISPLAY (1: ON/0: OFF): OFF	Determines the Tenant name to display.	0: OFF 1: ON	OFF
3	TIME TABLE INDEX (1–9) : 1	Determines Time Table index of tenant group.	1–9	1
4	ACNR RETRY COUNT (00-30): 03	Determines the ACNR retry count.	00-30	3
5	WAKEUP RETRY COUNT (0–5): 3	Determines the Wake Up retry count.	0–5	3
6	WAKEUP RETRY TIME (min) (00–20): 01	Determines the Wake Up retry time (min).	00–20	01
7	AUTH RETRY COUNT (0–5): 3	Determines the AUTH retry count.(Reserved)	0–5	3
8	MULTI–CFW SVC COUNT (01–10): 05	Determines the Multi–Call forward count.	01–10	05
9	TONE TABLE INDEX (1–9): 1	Determines Tone Table index for a tenant	1–9	1
10	COS DOWN(AUTH. FAIL) (1: ON/0: OFF): OFF	Determines the COS down(COS 0) when a authorization is failed	0: OFF 1: ON	OFF
11	AUTHOR. FAIL COUNT (1–9): 3	Determines the Authorization cod fail count for COS down. Station COS can be changed to 0 after this count.	1–9	3
12	AUTHOR. FOR SYS SPD (1: ON/0: OFF): OFF	Determines authorization when a user uses system speed dial	0: OFF 1: ON	OFF
13	DIGIT MAP OPTION TBL (01-20) : ..	Determines Digit Map Option Table number	01-20	-

2.3.8.3.2 Tenant Attributes II – PGM Code 281

Each tenant has available attributes relating to manual addition of conference member, redial method, digit process, and etc. (refer to Table 2.3.8.3.2-1 for a description of the functions, the LCD displays and data entries required).

PROCEDURE:	
TENANT ATTRIBUTE 2 ENTER TENANT RANGE (1–9)	1. Press the **[PGM]** button and dial 281.
1–1 TENANT ATT 2 PRESS FLEX KEY (1-14)	2. Use the dial pad to enter the desired Tenant range (1–5 for iPECS–MG 100, and 1–9 for iPECS–MG 300).
Refer to Table DISPLAY	3. Press the Flex button for the desired setting (refer to Table).
	4. Use the dial pad to enter the desired flexible button.
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.8.3.2-2.3.8.3-2 TENANT ATTRIBUTE II (PGM 281)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	CONF–MEMBER MANUAL ADD (1: ON/0: OFF): ON	Determines if conf–member manual add will be used; when set to ON, each **[CONF]** member can be added using the **[CONF]** button, when set to OFF, each **[CONF]** member will be added automatically.	0: OFF 1: ON	ON
2	REDIAL METHOD 2. LIST DIAL	This entry defines the redial method when the User presses the **[REDIAL]** button. 1: One Touch Call – When **[REDIAL]** button is pressed, the phone will redial the previously called number. 2: One Touch Log Phone – When **[REDIAL]** button is pressed on phone with 3–soft button, redialing can be initiated, if phone does not have 3–soft button, a redial list will be displayed. 3: List Dial – When the **[REDIAL]** button is pressed, redial list is displayed, and user can select which number to redial.	0: One Touch Dial 1: One Touch Log Phone 2: List Dial	List Dial

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
3	DIAL DIGIT PROCESS (0-2) 2. TYPE 3 (C–S–R[E])	This entry defines the dial digit processing method. 0: TYPE 1(R–C–S) – If user dials digits, digit are process as listed: A. Apply Toll Restriction to all digits including CO access code. B. Converted C. Seize CO Line 1: TYPE 2(C–S–R[A]) – If user dials digits, they are processed as listed: A. Converted B. Seize CO Line C. Apply toll Restriction to all digits including CO access code. 2: TYPE 3(C–S–R[E]) – If user dials digits, digit are processed as listed: A. Converted B. Seize CO Line C. Apply Toll Restriction external telephone number	0: Type 1 1: Type 2 2: Type 3	Type 3
4	XFER CO TO COS 0 STA (1: ON/0: OFF) : ON	This entry allows transfer to COS 0 station.	0: OFF 1: ON	ON
5	ADD CO ACCESS CODE (1: ON/0: OFF) : ON	This entry allows add CO Access code to incoming CLI to return the call.	0: OFF 1: ON	OFF
6	CODEC TYPE 1. G711	System Codec type	1. G711 2. G723 3. G729 4. G722	G711
7	BACKLIGHT OPTION 1. DAY ON (0-7)	This entry allows backlight option of LIP Phone with ring mode.	0. All Off 1. Day On 2. Night On 3. Timed On 4. D/N On 5. D/T On 6. N/T On 7. All On	Day On

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
8	SYS PASSWORD USAGE 0.ID/PASSWORD (0-2)	Determines system password usage	0.ID/Password 1. ID only 2. Password only	ID/Password
9	EMERGENCY CO USAGE (1: ON/0: OFF) : OFF	When emergency call is activated, assigned CO line can be seized forcibly.	0: OFF 1: ON	OFF
10	HOLD PREFERENCE 0.SYSTEM HOLD (0-1)	Determines Hold Preference for each tenant.	0: System Hold 1: Exclusive Hold	System Hold
11	ADD CO CODE IN APP LOG (1: ON/0: OFF) : OFF	Determines if CO access code is added in call log of application such as UCS Client, Phontage.	0: OFF 1: ON	ON
12	DISPLAY CO IN DIAL TBL (1: ON/0: OFF) : OFF	Determines if CO access code is displayed in LCD.	0: OFF 1: ON	OFF
13	OFF NET CFW TONE (CO,R2) NO TONE (0-8)	Determines if system provides Off Net Call forward tone when a call is forwarded to off net.	0: No Tone: 1. No Tone, Tone 2.No Tone, After 3.Tone, No Tone 4.Tone, Tone 5.Tone, After 6.After, No Tone 7.After Tone 8.After, After	No Tone
14	DID CALLED NUM DISPLAY (1:ON/0:OFF) : OFF	Determines if DID number is displayed	0: OFF 1: ON	OFF

2.3.8.4 Tenant Group Access – PGM Code 283

Stations in a group are allowed or denied the ability to place intercom/CO calls to Stations in other groups on a Group-by-group basis.

PROCEDURE:	
TENANT CALL ACCESS ENTER TENANT NO (1–9)	1. Press the **[PGM]** button and dial 283. And use the dial pad to enter the desired Tenant number (1–5 for the iPECS–MG 100, and 1-9 for iPECS–MG 300).
1 CALLING TENANT TYPE 1:CO / 2:OTHERS	2. Use the dial pad to enter the calling Tenant type(1:Co, 2:the other types)
1 CALLED TENANT TYPE 1:CO / 2:OTHERS	3. Use the dial pad to enter the called Tenant type(1:Co, 2:the other types)
1 PRESS ACCESS NO (1–9) CO → CO	4. Press the Flex button to access/deny tenant. Each Tenant can be programmed to allow or deny call to other tenant.
	5. Press the **[SAVE]** button to store the data entry.

2.3.8.5 Call Restriction Table – PGM Codes 284 – 285

The Call Time Restriction can be applied differently according to Call types (ICM, Incoming, Normal Outgoing, Mobile, Local, Long Distance or International Call)

30 Restriction Table can be served for every station and every station can be assigned for reference one of restriction table. Each restriction table has restriction rule about ICM, Incoming, Normal Outgoing, Mobile, Local, Long Distance or International Call and about dedicated CO line.

2.3.8.5.1 Call Duration Restriction I (CDR) – PGM Code 284

PROCEDURE:	
CALL DURATION REST 1 ENTER TABLE RANGE 01–30	1. Press the **[PGM]** button and dial 284.
1–1 CDR ATTR 1 PRESS FLEX KEY (01–22)	2. Use the dial pad to enter the desired Table range 01–30.
Refer to the following table DISPLAY	3. Press the Flex button for the desired setting (refer to Table).
	4. Press the **[SAVE]** button to store the data entry.

Table 2.3.8.5.1-1 CALL DURATION RESTRICTION I (PGM 284)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	ICM CALL (0–1): NO RESTRICTION	Determines the call restriction for Internal Call.	0: No restriction 1: Restriction	No Restriction
2	INCOMING CALL (0–1): NO RESTRICTION	Determines the call restriction for Incoming Call.	0: No restriction 1: Restriction	No Restriction
3	OUTGOING CALL (0–1): NO RESTRICTION	Determines the call restriction for Normal Outgoing Call. (Normal Outgoing Call means not Prefix Outgoing Call and not Mobile Outgoing Call)	0: No restriction 1: Restriction	No Restriction
4	PREFIX OUTGOING CALL (0–3): NO RESTRICTION	Determines call restriction for Prefix Outgoing Call.	0: No Restriction 1: All Calls 2: Long/ International 3: International	No Restriction
5	DEDICATED LINE (0–1): NO RESTRICTION	Determines the call restriction for TIE line.	0: No restriction 1: Restriction	No Restriction
6	MOBILE CALL (0–1): NO RESTRICTION	Determines the call restriction for Outgoing Call with defined Mobile Number.	0: No restriction 1: Restriction	No Restriction
7	ICM CALL AFTER R–TIME (0–2): TONE & DROP	Determines the operation of Internal calls after the Restriction timer expires.	0: Single tone 1: Repeat tone 2: Warning tone & Drop	Warning tone & Drop

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
8	INCOMING CALL AFTER R–TIME (0–2): TONE & DROP	Determines the operation of Incoming calls after the Restriction timer expires.	0: Single tone 1: Repeat tone 2: Warning tone & Drop	Warning tone & Drop
9	OUTGOING CALL AFTER R–TIME (0–2): TONE & DROP	Determines the operation of Normal Outgoing calls after the Restriction timer expires.	0: Single tone 1: Repeat tone 2: Warning tone & Drop	Warning tone & Drop
10	LOCAL CALL AFTER R–TIME (0–2): TONE & DROP	Determines the operation of Local calls after the Restriction timer expires.	0: Single tone 1: Repeat tone 2: Warning tone & Drop	Warning tone & Drop
11	LONG CALL AFTER R–TIME (0–2): TONE & DROP	Determines the operation of Long Distance calls after the Restriction timer expires.	0: Single tone 1: Repeat tone 2: Warning tone & Drop	Warning tone & Drop
12	INTERNAT AFTER R–TIME (0–2): TONE & DROP	Determines the operation of International calls after the Restriction timer expires.	0: Single tone 1: Repeat tone 2: Warning tone & Drop	Warning tone & Drop
12	DEDICATED CALL AFT R–TM (0–2): TONE & DROP	Determines the operation of TIE calls after the Restriction timer expires.	0: Single tone 1: Repeat tone 2: Warning tone & Drop	Warning tone & Drop
14	MOBILE CALL AFTER R–TIME (0–2): TONE & DROP	Determines the operation of Mobile calls after the Restriction timer expires.	0: Single tone 1: Repeat tone 2: Warning tone & Drop	Warning tone & Drop
15	ICM CALL REST. TMR (001–100): 003 (min)	Determines the Restriction timer of Internal calls.	001–100	003
16	INCOMING CALL REST. TMR (001–100): 003 (min)	Determines the Restriction timer of Incoming calls.	001–100	003
17	OUTGOING CALL REST. TMR (001–100): 003 (min)	Determines the Restriction timer of Outgoing calls.	001–100	003
18	LOCAL CALL REST. TMR (001–100): 003 (min)	Determines the Restriction timer of Local calls.	001–100	003
19	LONG CALL REST. TMR (001–100): 003 (min)	Determines the Restriction timer of Long Distance calls.	001–100	003
20	INTERNATIONAL REST. TMR (001–100): 003 (min)	Determines the Restriction timer of International calls.	001–100	003
21	DEDICATED CALL REST. TMR (001–100): 003 (min)	Determines the Restriction timer of Dedicated Line calls.	001–100	003
22	MOBILE CALL REST. TMR (001–100): 003 (min)	Determines the Restriction timer of Mobile calls.	001–100	003

2.3.8.5.2 Call Duration Restriction II (CDR) – PGM Code 285

PROCEDURE:	
CALL DURATION REST 2 ENTER TABLE RANGE 01–30	1. Press the **[PGM]** button and dial 285.
1–1 CDR ATTR 2 PRESS FLEX KEY (01–9)	2. Use the dial pad to enter the desired Table range 01–30.
Refer to Table DISPLAY	3. Press the Flex button for the desired setting (refer to Table).
	4. Press the **[SAVE]** button to store the data entry.

Table 2.3.8.5.2-1 CALL DURATION RESTRICTION II (PGM 285)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	ICM CALL REST. TMR (001–100): 003 (min)	Determines the Restriction timer of Internal calls.	001–100	003
2	INCOMING CALL REST. TMR (001–100): 003 (min)	Determines the Restriction timer of Incoming calls.	001–100	003
3	OUTGOING CALL REST. TMR (001–100): 003 (min)	Determines the Restriction timer of Outgoing calls.	001–100	003
4	LOCAL CALL REST. TMR (001–100): 003 (min)	Determines the Restriction timer of Local calls.	001–100	003
5	LONG CALL REST. TMR (001–100): 003 (min)	Determines the Restriction timer of Long Distance calls.	001–100	003
6	INTERNATIONAL REST. TMR (001–100): 003 (min)	Determines the Restriction timer of International calls.	001–100	003
7	DEDICATED CALL REST. TMR (001–100): 003 (min)	Determines the Restriction timer of Dedicated Line calls.	001–100	003
8	MOBILE CALL REST. TMR (001–100): 003 (min)	Determines the Restriction timer of Mobile calls.	001–100	003
9	NET CALL REST. TMR (001–100): 003 (min)	Determines the Restriction timer of Networking calls.	001–100	003

2.3.8.5.3 Call Duration Restriction III (CDR) – PGM Code 291

PROCEDURE:	
CALL DURATION REST 3 ENTER TABLE RANGE 01–30	1. Press the **[PGM]** button and dial 285.
1–1 CDR ATTR 3 PRESS FLEX KEY (01–16)	2. Use the dial pad to enter the desired Table range 01–30.
Refer to Table DISPLAY	3. Press the Flex button for the desired setting (refer to Table).
	4. Press the **[SAVE]** button to store the data entry.

Table 2.3.8.5.3-1 CALL DURATION RESTRICTION II (PGM 291)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	ICM CALL DISC-TONE (10–60): 15 (sec)	Determines entry defines Disconnect timer of Internal calls.	10–60	15
2	INCOMING CALL DISC-TONE (10–60): 15 (sec)	Determines entry defines Disconnect timer of Incoming calls.	10–60	15
3	OUTGOING CALL DISC-TONE (10–60): 15 (sec)	Determines entry defines Disconnect timer of Outgoing calls.	10–60	15
4	LOCAL CALL DISC- TONE (10–60): 15 (sec)	Determines entry defines Disconnect timer of Local calls.	10–60	15
5	LONG CALL DISC- TONE (10–60): 15 (sec)	Determines the disconnect timer of Long Distance calls.	10–60	15
6	INTERNATIONAL DISC- TONE (10–60): 15 (sec)	Determines the Disconnect timer of International calls.	10–60	15
7	DEDICATE CALL DISC- TONE (10–60): 15 (sec)	Determines the Disconnect timer of Dedicated Line calls.	10–60	15
8	MOBILE CALL DISC- TONE (10–60): 15 (sec)	Determines entry defines Disconnect timer of Mobile calls.	10–60	15
9	ICM CALL TONE RPT–TMR (010–254): 020 (sec)	Determines the Tone Repeat timer of Internal calls.	010–254	020
10	INCOMING CALL TONE RPT (010–254): 020 (sec)	Determines the Tone Repeat timer of Incoming calls.	010–254	020

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
11	OUTOING CALL TONE RPT (010–254): 020 (sec)	Determines the Tone Repeat timer of Normal Outgoing calls.	010–254	020
12	LOCAL CALL TONE RPT–TMR (010–254): 020 (sec)	Determines the Tone Repeat timer of Local calls.	010–254	020
13	LONG CALL TONE RPT–TMR (010–254): 020 (sec)	Determines the Tone Repeat timer of Long Distance calls.	010–254	020
14	INTNATION CALL TONE RPT (010–254): 020 (sec)	Determines the Tone Repeat timer of International calls.	010–254	020
15	DEDICATE CALL TONE RPT (010–254): 020 (sec)	Determines the Repeat timer of Dedicated Line calls.	010–254	020
16	MOBILE CALL TONE RPT (010–254): 020 (sec)	Determines the Tone Repeat timer of Mobile calls.	010–254	020

2.3.8.6 Call Prefix Table – PGM Codes 286 – 289

The call type for CDR can be applied differently according to the call Prefix Table based on Tenant.

2.3.8.6.1 Local Call Prefix Table – PGM Code 286

Each tenant has a Local Call Prefix Table relating to CDR.

PROCEDURE:	
LOCAL CALL PREFIX TABLE ENTER TENANT NO (1–9)	1. Press the **[PGM]** button and dial 286.
1 LOCAL CALL PREFIX ENTER BIN NO (01–50)	2. Use the dial pad to enter the desired Tenant range (1–5 for the iPECS–MG 100, and 1–9 for iPECS-MG 300).
1/01 LOCAL CALL PREFIX	3. Use the dial pad to enter the desired bin number (up to 4 digits can be assigned for local call prefix index).
	4. Press the **[SAVE]** button to store the data entry.

2.3.8.6.2 Long Distance Call Prefix Table – PGM Code 287

Each tenant has a Long Distance Call Prefix Table relating to CDR.

PROCEDURE:	
LONG DIST. PREFIX TABLE ENTER TENANT NO (1–9)	1. Press the **[PGM]** button and dial 287.
1 LONG DIST. PREFIX ENTER BIN NO (01–50)	2. Use the dial pad to enter the desired Tenant range (1–5 for the iPECS–MG 100, and 1–9 for iPECS-MG 300).
1/01 LONG DIST. PREFIX	3. Use the dial pad to enter the desired bin number (up to 4 digits can be assigned for the Long Distance call prefix index).
	4. Press the **[SAVE]** button to store the data entry.

2.3.8.6.3 International Call Prefix Table – PGM Code 288

Each tenant has an International Call Prefix Table relating to CDR.

PROCEDURE:	
INTERNATIONAL PREFIX ENTER TENANT NO (1–9)	1. Press the **[PGM]** button and dial 288.
1 INTERNATIONAL PREFIX ENTER BIN NO (01–50)	2. Use the dial pad to enter the desired tenant range (1–5 for the iPECS–MG 100 and 1–9 for iPECS–MG 300).
1/01 INTERNATION PREFIX	3. Use the dial pad to enter the desired bin number (up to 4 digits can be assigned for the International call prefix index).
	4. Press the **[SAVE]** button to store the data entry.

2.3.8.6.4 Mobile Call Prefix Table – PGM Code 289

Each tenant has a Mobile Call Prefix Table relating to CDR.

PROCEDURE:	
MOBILE PREFIX ENTER TENANT NO (1–9)	1. Press the **[PGM]** button and dial 289.
1 MOBILE PREFIX ENTER BIN NO (01–50)	2. Use the dial pad to enter the desired tenant range (1–5 for the iPECS–MG 100 and 1–9 for iPECS–MG 300).
1/01 MOBILE PREFIX	3. Use the dial pad to enter the desired bin number (up to 4 digits can be assigned for the Mobile call prefix index).
	4. Press the **[SAVE]** button to store the data entry.

2.3.8.7 Tenant Tone Table – PGM Code 290

The system provides 78 tones that can be assigned for use as the normal tone, VMIB prompt/ Announcement or internal/external music.

PROCEDURE:	
TONE TABLE ENTER TENANT RANGE (1–9)	1. Press the **[PGM]** button and dial 290.
1–1 TONE TABLE ENTER TONE INDEX (01–78)	2. Enter tenant range using dial pad. For a single table group, just enter the same number twice. (1-5 for the iPECS-MG 100, and 1-9 for iPECS-MG 300).
1ST DIAL TONE PRESS FLEX KEY (1–6)	3. To program tone, dial tone index (01–74). Please refer to the Tone Index Table of Web–Admin (PGM Code 264).
Refer to the following table DISPLAY	4. Press the Flex button. – Flex 1: Tone Type – Flex 2: Tone Time – Flex 3: Tone port index (Please refer to the TONE PORT Table) – Flex 4: VMIB Prompt/Announcement Number – Flex 5: VMIB Prompt/Announcement Repeat Number – Flex 6: VMIB Prompt/Announcement Repeat Interval
	5. Use the dial pad to enter the desired data.
	6. Press the **[SAVE]** button to store the Table data entry.

Table 2.3.8.7-1 TONE TABLE (PGM 290)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	1–1/01 TONE TYPE (01–14): 1 (NORMAL TONE)	Designates the Tone type.	1. Normal 2. Prompt 3. Annc 4: INT MOH 5: EXT MOH 6~9: VMIB MOH1~4 10~14: SLT MOH1~5	Normal Tone
2	1–1/01 TONE TIME (001–600) : 010 (sec)	Determines the amount of time tone is provided.	1–600	10
3	1–1/01 TONE PORT (01–19) : 10	Tone port index of PGM 264. The cadence of tone port may be changed by using Web–Admin.	1–19	10
4	1–1/01 PROMPT/ANNC. NO (001–255): …	The VMIB Prompt or Announcement number when tone type is VMIB Prompt or announcement.	1–255	NOT ASG
5	1–1/01 PROMPT/ANNC. RPT (000–100) : 001	The VMIB Prompt or Announcement Repeat number when tone type is VMIB Prompt or announcement.	0–100	1

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
6	1–1/01 PROMPT/ANNC. INTVL (000–100) : 000	The VMIB Prompt or Announcement Repeat interval when VMIB Prompt or announcement. Repeat is assigned.	0–100	0

Table 2.3.8.7-2 TONE INDEX TABLE

INDEX	TONE NAME	DESCRIPTION
1	1st Dial Tone	This is provided when station goes off–hook.
2	2nd Dial Tone	This is provided when station presses **[TRANS]** button during conversation to transfer the call.
3	CO Dial Tone	This is provided to transit CO line if he accesses CO line which does not provide CO Dial Tone.
4	DISA Dial Tone	This is provided to external caller through DISA.
5	LCR Virtual Tone	Reserved
6	Digit Conversion Virtual Tone	This is provided when station dials 'Dummy Dial–Tone Digit' in PGM 240.
7	Password Dial Tone	This is provided when station dials conference room number having password.
8	Internal Busy Tone	This is provided to external caller through DID/DISA when he calls the busy station.
9	External Busy Tone	This is provided when station makes an external call to telephone in use.
10	CO Line Busy Tone	This is provided to station when there is no idle CO line.
11	Uncompleted Dial Error Tone	This is provided when station does not dial within inter–digit timer during dialing.
12	DOD Restriction Tone	This is provided when station dials the toll restriction digits.
13	Internal No–Answer Tone	This is provided when the called station does not answer within 'Normal Call Ring Time' of Ring Table.
14	External No–Answer Tone	This is provided when the called external user does not answer.
15	Internal Vacant Error Tone	This is provided when stations calls vacant number.
16	External Vacant Error one	This is provided when stations calls vacant external telephone number.
17	Call Duration Restriction Tone	Reserved
18	Anonymous Call Restriction Tone	Reserved
19	Error Tone (All the other cases)	This is provided in all error cases.
20	Relative Blocking	This is provided when station calls the blocked station.
21	Relative Line Lock Out	This is provided when station calls station hearing howling tone.
22	Relative Do Not Disturb	This is provided when station calls station in DND.
23	Relative Absence	Reserved
24	Relative Out of Order	Reserved
25	External Relative Out of Order	Reserved
26	External Relative Outgoing Restriction	Reserved
27	Relative Hot Desk Logout	Reserved

INDEX	TONE NAME	DESCRIPTION
28	Howling Tone	This is provided after error tone.
29	1st Ring Back Tone	This is provided when station calls another station.
30	2nd Ring Back Tone	Reserved
31	CO Ring Back Tone	This is provided to external caller if the incoming call is routed to the destination. And it is provided when station calls external call through CO line with 'Provided Ring Back Tone' in PGM 171.
32	Recall Ring Back Tone	Reserved
33	Zone Paging Call Ring Back Tone	This is provided when station makes a paging.
34	Command Call Ring Back Tone	This is provided when station makes a command conference group call.
35	Alert Message Wait	This is provided when station goes offhook if message is left.
36	Alert Do not Disturb	This is provided when station goes offhook if DND is set.
37	Alert Call Forward	This is provided when station goes offhook if Call Forward is set.
38	Alert Absence	This is provided when station goes offhook if pre-selected message is set.
39	Camp on Alarm	This is provided to station if camp-on is requested.
40	Conference Alarm	This is provided to station if station makes conference call.
41	Conference Join	This is provided when station adds conference member.
42	Call Wait Alarm	This is provided to station if call-wait is requested.
43	Break In Alarm	Reserved
44	Conference Room In	This is provided when station enters conference room.
45	Conference Room Out	This is provided when conference member is deleted.
46	Call Duration Restriction Alarm	This is provided to station with CDR disconnection indication before the forced disconnection.
47	Confirm Tone	This is confirmation tone.
48	Single Error Tone	This is provided when stations dials wrong input during programming.
49	Transfer Hold Tone	This is provided to the external user when he is transferred.
50	Transfer Hold Tone (Station)	This is provided to the station when he is transferred.
51	Camp On Hold Tone (CO)	This is provided to the external user when he is camped on.
52	Camp On Hold Tone (Station)	This is provided to the station when he is camped on.
53	Call Wait Hold Tone (CO)	This is provided to the external user when he is waited.
54	Call Wait Hold Tone (Station)	This is provided to the station when he is waited.
55	Normal Hold Tone (CO)	This is provided to the external user in hold.
56	Normal Hold Tone (Station)	This is provided to station in hold.

INDEX	TONE NAME	DESCRIPTION
57	Normal Hold Tone (Attendant)	Reserved
58	Call Park Hold Tone	This is provided to the external user in parked.
59	Call Park Hold Tone (Station)	This is provided to the station in parked.
60	IC Auto Hold Tone	This is provided when conference member is held.
61	IC Auto Hold Tone (Attendant)	Reserved
62	Command Call Answer Tone	Reserved
63	R2 Normal Outgoing Tone	Reserved
64	R2 Off-net Call Forward Tone	Reserved
65	Wake-up Answer Tone	This is provided when station answers wake-up ring.
66	Service Set Tone	This is provided when station sets programming.
67	DISA Retry Tone	This is provided as DISA retry tone when external user dials wrong digits.
68	ICLID Restrict Tone	Reserved
69	Auto Call Answer Alert Tone	This is provided when station is connected with station in handsfree.
70	VM Interaction Confirm Tone	This is provided when station records his call through USB module.
71	Authorization Code Dial Tone	This is provided when station is requested auth code dial at the call forward assign, walking co and so on.
72	Tenant Dial Tone	Reserved
73	Two-way Record Warning Tone	This is provided to the associate party when station starts call recording.
74	TIE Line Ring Back Tone	
75	LCM Traffic Over Tone	
76	Screened Transfer Alert Tone	This is provided to the associate parties when screened transfer is completed.
77	SMonitor Record Waning Tone	
78	Wireless Station Searching Tone	When a DECT station is called, the caller will hear this tone until the called station is found.

2.3.9 Board Data – PGM Codes 300 – 305

2.3.9.1 ISDN Board Attribute – PGM Code 300

PRIB, BRIB, E1R2 boards have some attributes which can be programmed by the Administrator.

PROCEDURE	
ISDN BOARD ATTRIBUTES ENTER SLOT NO (02–18)	1. Press the **[PGM]** button and dial 300.
SLOT 03 ISDN BOARD ATTR PRESS FLEX KEY (01-22)	2. Enter ISDN slot number with 2 digits.
Refer to the following table DISPLAY	3. Press the Flex button for the desired attribute, refer table.
	4. Press the **[SAVE]** button to store the new data.

Table 2.3.9.1-1 ISDN BOARD ATTRIBUTES (PGM 300)

BTN	DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	SLOT 03 CRC CHECK (1: EN/0: DIS): ENABLE	Enable CRC check.	0: Disable 1: Enable	Enable
2	SLOT 03 NT/TE MODE (1: NT/: 0: TE): TE	NT/TE mode – After change, the board is automatically restarted.	0: TE 1: NT	TE
3	SLOT 03/PORT1 TEI MODE (1: AUTO/0: FIXED) : AUTO	TEI mode of BRIB Port 1	0: Fixed 1: Auto	Auto
4	SLOT 03/PORT2 TEI MODE (1: AUTO/0: FIXED) : AUTO	TEI mode of BRIB Port 2	0: Fixed 1: Auto	Auto
5	SLOT 03/PORT3 TEI MODE (1: AUTO/0: FIXED) : AUTO	TEI mode of BRIB Port 3	0: Fixed 1: Auto	Auto
6	SLOT 03/PORT4 TEI MODE (1: AUTO/0: FIXED) : AUTO	TEI mode of BRIB Port 4	0: Fixed 1: Auto	Auto
7	SLOT 03 T1 MODE D4	T1 Mode (D4/ESF)	0: D4 1: ESF	D4
8	SLOT 03 T1 LINE MODE B8ZS	T1 Line Mode (B8ZS/AMI)	0: B8ZS 1: AMI	B8ZS
9	SLOT 03 T1 PAUSE TMR (1–9) : 2	T1 Pause Time	1–9	2

BTN	DISPLAY	DESCRIPTION	RANGE	DEFAULT
10	SLOT 03 T1 PLS RATE (0–3) : 60/40 (10PPS)	T1 PLS Rate	0: 60/40 (10PPS) 1: 66/33 (10PPS) 2: 60/40 (20PPS) 3: 66/33 (20PPS)	60/40 (10PPS)
11	SLOT 03 T1 RLS GRD TMR (00–60) : 20 (100msec)	T1 release guard time	0–60	20
12	SLOT 03 T1 DT DELAY TMR (02–50) : 10 (100msec)	T1 DT Delay time	2–50	10
13	SLOT 03 T1 WINK TMR (07–15) : 10 (20msec)	T1 Wink time	7–15	10
14	SLOT 03 T1 SEIZE TMR (000–127) : 003 (20msec)	T1 seize time	0–127	3
15	SLOT 03 T1 RELEASE TMR (000–127) : 007 (20msec)	T1 release time	0–127	7
16	SLOT 03 T1 RING DETECT (2–9) : 2 (100msec)	T1 ring detect time	2–9	2
17	SLOT 03 T1 RING STOP (10–60) : 60 (100msec)	T1 ring stop time	10–60	60
18	SLOT 03/ PORT 1 CLOCK USE (1: EN/0: DIS): ENABLE	Reference clock of BRIB Prot 1.	0: Not Use 1: Use	Use
19	SLOT 03/ PORT 2 CLOCK USE (1: EN/0: DIS): ENABLE	Reference clock of BRIB Prot 2.	0: Not Use 1: Use	Use
20	SLOT 03/ PORT 3 CLOCK USE (1: EN/0: DIS): ENABLE	Reference clock of BRIB Prot 3.	0: Not Use 1: Use	Use
21	SLOT 03/ PORT 4 CLOCK USE (1: EN/0: DIS): ENABLE	Reference clock of BRIB Prot 4.	0: Not Use 1: Use	Use
22	SLOT 03 CALLERNAME TYPE (0:FACIL/1:DISP): FACILITY	Calling party name type in Setup message.	0: Facility IE 1: Display IE	Facility Information Element

2.3.9.2 ISDN Board–Clock Priority – PGM Code 301

In the iPECS-MG System, Clock synchronization is controlled by the pre-programmed ISDN Clock priority. The first ISDN board becomes the Clock Master board, and if some error occurs to the Clock Master board, the next board automatically takes on the role as Clock Master. After the original master board recovers, the Clock Master board is changed again. If there is no available ISDN board to become a Clock Master board, the System is synchronized with the internal clock.

PROCEDURE:	
ISDN BRD CLOCK PRIORITY 03 04 05	1. Press the **[PGM]** button and dial 301.
	2. Use the dial–pad to enter the desired Slot Numbers.
	3. Press the **[SAVE]** button to store the new data.

2.3.9.3 VOIB/VMIB Board Attribute – PGM Code 305

The VOIB and VMIB boards have some attributes that can be programmed by the Administrator.

PROCEDURE	
VOIB/VMIB BOARD ATTR ENTER SLOT NO (00–18)	1. Press the **[PGM]** button and dial 305.
SLOT 03 VOIB/VMIB BOARD ATTR PRESS FLEX KEY (1 – 10)	2. Enter desired Slot Number with 2 digits.
Refer to the following table DISPLAY	3. Press the Flex button for the desired attribute, refer to table.
	4. Press the **[SAVE]** button to store the new data.

Table 2.3.9.3-1 IPP BOARD ATTRIBUTE (PGM 305)

BTN	DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	IP ADDR (SKIP: #) 10 . 10 . 10 . 3	IP Address of selected slot.	IP Address	10. 10. 10. # (# : slot number)
2	ROUTER IP ADDR (SKIP: #) 0 . 0 . 0 . 0	Router IP Address of selected slot.	IP Address	0.0.0.0
3	SUBNET MASK (SKIP: #) 255 .255.255.0	Subnet Mask of selected slot.	IP Address	255.255.255. 0
4	DHCP USAGE (1: ON/: 0: OFF) : OFF	DHCP Usage	0: OFF 1: ON	OFF

BTN	DISPLAY	DESCRIPTION	RANGE	DEFAULT
5	T38 USAGE (1: ON/: 0: OFF) : OFF	T38 Usage	0: OFF 1: ON	OFF
6	RTP SECURITY (1: ON/0: OFF) : OFF	RTP Security Usage	0: OFF 1: ON	OFF
7	VLAN (0000–4096): ….	VLan	0000–4096	NOT ASG
8	Priority (0–7) : 0	Priority	0–7	0
9	DiffServ (00–63) : 00	Diffserv	00–63	0
10	WEB PORT (00001-65535): 00080	WEB Page Port Number for VMIB. (When Selected Slot is VMIB, WEB Port menu will be displayed.)	Port Number	80

2.3.9.4 Reset Board – PGM Code 310

Each board in the system can be reset with this menu.

PROCEDURE	
RESET BOARD ENTER SLOT NO (01–18)	1. Press the **[PGM]** button and dial 310.
TO RESET PRESS [HOLD]	2. Enter desired Slot Number with 2 digits.
	3. Press the **[SAVE]** button to reset the board.

2.3.10 Networking Data – PGM Codes 320 – 321

2.3.10.1 Net Basic Attribute – PGM Code 320

Table 2.3.10.1-1 provides general descriptive information and input ranges of the Network Basic Attribute.

PROCEDURE	
NET BASIC ATTRIBUTE PRESS FLEX KEY (1–12)	1. Press the **[PGM]** button and dial 320.
Refer to the following Table	2. Press the Flex 1–12 for the desired setting (refer to Table).
	3. Use the dial–pad to enter the required data.
	4. Press the **[SAVE]** button to store the new data.

Table 2.3.10.1-1 NET BASIC ATTRIBUTE (PGM 320)

BTN	DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	NET ENABLE (1: ON/0: OFF): OFF	Enable Networking function.	0: OFF 1: ON	OFF
2	NET CNIP ENABLE (1: ON/0: OFF): ON	The name of the calling station can be sent to the called system. CNIP is displayed at the called party stations display based on the programming.	0: OFF 1: ON	ON
3	NET CONP ENABLE (1: ON/0: OFF): OFF	The name of calling station is sent to the called system between ipLDK systems. CNIP is displayed on the called party station LCD according to ADMIN programming. If the CNIP and CLI are received together, CNIP is prior to CLI.	0: OFF 1: ON	OFF
4	NET SIGNAL METHOD (0–1): FACILITY	Select the information element type for voice networkingsupplementary service message.	0: FACILITY 1: UUS	UUS
5	NET CC RETAIN (1: ON/0: OFF) : OFF	If this value is set to ON, the signaling of call completion retain mode is executed.	0: OFF 1: ON	OFF
6	BLF USAGE (1: ON/0: OFF) : OFF	Used to set Networking BLF service	0: OFF 1: ON	OFF
7	TCP PORT FOR BLF (9000–9999): 9000	Used to set the TCP port for BLF messaging.	9000–9999	9000
8	UDP PORT FOR BLF (9000–9999): 9001	Used to set the UDP port for BLF messaging.	9000–9999	9001

BTN	DISPLAY	DESCRIPTION	RANGE	DEFAULT
9	DURATION OF BLF STS (01–99): 10 (sec)	Used to set the duration of BLF status messaging.	01–99	10
10	BLF MANAGER IP (SKIP.#) 0. 0. 0. 0	Used to set the IP Address for the BLF manager. IP Address of BLF Server used only when iPECS–MG is configured with LDK/iPECS systems for Voce Networking (Reserved).		0.0.0.0
11	OWNER PREFIX NUMBER ……..	Assign Prefix Number for networking numbering plan of own system		Max 8 digits
12	NET VM GRP NO ……..	Assign Centralized Voice Mail Group number to support VM MWI		Max 8 digits

2.3.10.2 NET Numbering Plan Table – PGM Code 321

PROCEDURE:	
NET NUM PLAN TABLE ENTER BIN NO (001–250)	1. Press the **[PGM]** button and dial 321.
001 NET NUM PLAN TBL PRESS FLEX KEY (1–11)	2. Use the dial–pad to enter the 3–digit Table index (bin) number, 001–250.
Refer to the following table DISPLAY	3. Press the Flex button, 1–11 for the desired setting, refer to following Table.
	4. Use the dial–pad to enter the required data, refer to the following Table.
	5. Press the **[SAVE]** button to store the new data.

Table 2.3.10.2-1 NETWORK NUMBERING PLAN (PGM 321)

BTN	DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	001 NUMBER TYPE (0–1): NET	Used to set the networking numbering plan type of the selected table entries.	0: NET 1: TRANSIT	NET
2	001 NUM PLAN CODE	Used to set the networking number code of the selected table entries. 'X' means any digits can be inserted between 0–9. (Select 'MUTE" button to input X).	8 digits	.
3	001 CO GROUP NO (01–72) : ..	Used to select the CO line group for routing networking calls.	01-24 (MG 100) 01-72 (MG 300)	
4	001 AND DIGIT	This AND digits added when Digit Repeat option is ON.	10 digits	
5	001 AND DIGIT REPEAT (1: ON/0: OFF) : OFF	Determine if AND digit is included in the SETUP message or not.	1: ON 0: OFF	OFF
6	001 DIGIT SENDING (0–1) : OVERLAP	Used to set the digit sending mode(Overlap or Enblock) of the selected table entries.	1: Enblock 0: Overlap	OVERLAP
7	001 VOIP CPN INFO PRESS FLEX (1–4)	CPN information for ISDN, IP address for VOIP (CPN info 1-CPN info 4).		
8	001 DEST SYSTEM IP 0. 0. 0. 0	IP address of destination system used only when iPECS-MG is configured with LDK/iPECS systems for Voice Networking.		0.0.0.0
9	001 DEST SYSTEM PORT (0000–9999) : 9500	Used to set the UDP port for sending the message such as DECT mobility to destination system.		9000
10	FIREWALL ROUTING (1: ON/0: OFF) : OFF	This ADMIN program determines that this table is local network or different network. Select IP address (Firewall IP address or Non–firewall IP address). If the destination system is in same VPN then Non–firewall IP address should be sent. Otherwise the firewall IP address should be sent. ON: Send firewall IP address OFF: Send Non–firewall(Internal) IP address	0: OFF 1: ON	ON
11	001 DGT MAP OPT TBL (01-20): ..	Used to select Digit Map option table	01-20	-

2.3.11 TNET, Centralized Networking – PGM Codes 330 – 335

In a Centralized Control TNET (Transparent Networking), remote devices may be registered to a Central MFIM (CM) and to a Local MFIM (LM). In this way, the CM maintains control of the remote device. Should the WAN connection between a LM and CM fail (2 sec. polling error), the LM will initiate operational control of the locally registered devices. Calls between the systems (CM & LM) can automatically shift to PSTN Modules registered with the LM for Fail-over operation. The configuration and characteristics of LMs and CM are configurable as is Fail-over operation.

2.3.11.1 TNET Basic Attributes – PGM Code 330

Each MFIM in a Central Control network environment must be enabled for TNET operation in order to function as part of the network.

PROCEDURE:	
TNET BASIC ATTRIBUTES PRESS FLEX KEY (1 – 1)	1. Press the **[PGM]** button and dial 330.
TNET ENABLE (1: ON/0: OFF): OFF	2. Press Flex 1.
	3. Use the dial–pad to enable or disable TNET, Central Control networking.
	4. Press the **[SAVE]** button to store the new data.

Table 2.3.11.1-1 TNET BASIC ATTRIBUTE (PGM 330)

BTN	DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	TNET ENABLE (1: ON/0: OFF): OFF	Enable T–NET function	0: OFF 1: ON	OFF

2.3.11.2 TNET CM Attributes – PGM Code 331

Each LM (Local MFIM), which is part of a Central Control Network, must be defined with the IP Address of the CM (Central MFIM) as well as the LM configuration data that will be sent to the CM at the time the LM registers with the CM. The port counts define the ports, which are allocated in the CM database for use by devices registered to the LM.

PROCEDURE:	
TNET CM ATTRIBUTES PRESS FLEX KEY (1 – 6)	1. Press the **[PGM]** button and dial 331.
Refer to the following Table	2. Press the Flex button, 1–6 for the desired setting (refer to Table)
	3. Use the dial–pad to enter the required data (refer to Table).
	4. Press the **[SAVE]** button to store the new data.

Table 2.3.11.2-1 TNET CM ATTRIBUTES (PGM 331)

BTN	DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	CM REGISTER REQ (1: ON/0: OFF): ON	Determines if the LM will attempt registration with the CM; must be set to ON for proper registration.	0: OFF 1: ON	ON
2	CM IP ADDRESS (SKIP.#) xxx.xxx.xxx.xxx	This field defines the IP address of the CM that will be used by the LM.	IPv4 address	0.0.0.0
3	CM IPKTS PORT (0001–9999): 5588	In the TNET environment, the IP KTS protocol signaling UDP port is defined; at present, this field is not used; do not change this port number.	0001–9999	5588
4	CM TOTAL PORT (000 – 999): 011	Determines if the total number of Ports the LM will request will be allocated by the CM for devices attached to the LM; this value must be equal to or less than the port count in the CM for the LM devices.	000–999	000
5	POLLING COUNT (00 – 99): 05	This field defines the maximum polling failures an LM considers a WAN fault.	00–99	05
6	POLLING INTERVAL (00 – 99): 02	This field defines the interval time between LM to CM polling attempts.	00–99	02

2.3.11.3 FoPSTN Attributes – PGM Code 333

The Fail-over function allows the systems in a Centralized Control network (TNET) environment to complete calls from System to System over a PSTN (analog or digital) line should the WAN connection to the CM fail. A CO gateway Module must be registered to the LM for local control and access to CO services. Users may call others in the normal manner and the call is routed over CO facilities to the remote CM. When calls are directed to a DID line at the receiving system, the system will select a line from the assigned CO Group and dial the Tel Number with the station number dialed as the trailing digits.

PROCEDURE:	
FoPSTN ATTRIBUTES PRESS FLEX KEY (1–3)	1. Press the **[PGM]** button and dial 333.
Refer to Table DISPLAY	2. Press the Flex 1–3 for the desired setting (refer to Table). – Flex 1: Enable or disable FO. – Flex 2: Press the **[SAVE]** button to reset the FO Table. – Flex 3: dial the Table bin number to input data.
	3. For Flex 3, use the dial–pad to enter the required data (refer to Table).
	4. Press the **[SAVE]** button to store the new data.

Table 2.3.11.3-1 FoPSTN ATTRIBUTES (PGM 333)

BTN	DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	ENABLE FoPSTN (1: ON/0: OFF): OFF	Determines if Fail–over operation is enabled or disabled from the CM or LM.	0: OFF 1: ON	–
2	INIT FoPSTN TABLE PRESS [SAVE] KEY	Determines how to initialize the FoPSTN Table.		
3	FoPSTN ATTRIBUTES ENTER BIN NO (001–200)		1–100 (MG–100 1–200 (MG–300)	
3–1	FoPSTN 001 NUM PLAN Xxxxxxxx	Station numbers associated with the remote System. A range can be indicated by using "*".	Max. 16	
3–2	FoPSTN 001 CO GROUP GRP NO (01–72): 01	Determines the CO Group of the Local System that will be used to place calls to the stations entered in the FoPSTN Numbering Plan, should a WAN failure occur.	1–24 (MG–100 1–72 (MG–300)	
3–3	FoPSTN 001 TEL NUMBER xxxxxxxxxxxxxxxxxx	Determines the telephone number the System should dial to place a call to the Stations entered in the FoPSTN Numbering Plan, should WAN failure occur. An "*" may be entered as a wild-card to indicate insertion of the dialed station number.	Max. 10	

2.3.11.4 Board TNET Attributes – PGM Code 334

When a board or iPECS-gateway module is to be connected in a Centralized Control network (TNET), the TNET operation of board or iPECS-gateway module can be enabled or disabled.

PROCEDURE:	
BOARD TNET ATTRIBUTES ENTER SLOT NO (02–56)	1. Press the **[PGM]** button and dial 334.
SLOT 02 TNET ENABLE (1: ON/0: OFF): OFF	2. Enter Slot No.
	3. Use the dial–pad to enable or disable TNET, Central Control networking.
	4. Press the **[SAVE]** button to store the new data.

2.3.11.5 IP Phone TNET Attributes – PGM Code 335

When an IP-Phone is to be connected in a Centralized Control network (TNET), the TNET operation of the IP-Phone can be enabled or disabled.

PROCEDURE:	
IP PHONE TNET ENABLE ENTER BIN NO (001–324)	1. Press the **[PGM]** button and dial 335.
BIN 001 TNET ENABLE (1: ON/0: OFF) : OFF	2. Enter Bin No of IP Phone (001–120 for iPECS MG–100, 001–324 for iPECS–MG 300).
	3. Use the dial–pad to enable or disable TNET, Central Control networking.
	4. Press the **[SAVE]** button to store the new data.

2.3.12 H.323 Data – PGM Codes 360 – 363

The MPB incorporates a 4-channel VoIU. The VOIB8 provides up to eight (8) VoIP channels and the VOIB24 provides up to 24 VOIP channels. These VOIP channels are used for Distributed Networking, access to SIP or H.323 networks and for remote iPECS devices. When VOIP channels are used for H.323 Calls, the following items should be assigned.

2.3.12.1 H.323 Routing Attributes – PGM Code 360

To make a direct H.323, the System assigns an unique number to each H323 IP-Address; direct H.323 can be made by dialing the assigned number.

PROCEDURE:	
H.323 ROUTING ATTR ENTER CO GRP NUMBER	1. Press the **[PGM]** button and dial 360.
	2. Enter the CO Group Number.
H.323 ROUTING ATTR ENTER ROUTE PREFIX (01–50)	3. Enter the Prefix bin no (01–50).
GROUP 01 ATTR PRESS FLEX KEY (1–2)	4. Press Flex 1 or 2, and dial the desired data.
	5. Press the **[SAVE]** button to store the new data.

Table 2.3.12.1-1 H.323 ROUTING ATTR (PGM 360)

BTN	DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	01 DIGIT (1) ……..	Destination numbers associated with the H.323 routing system.	Max. 8 digits	
2	DEST IP ADDR (SKIP.#) 0. 0. 0. 0	Destination IP address associated with the H.323 routing system.		0.0.0.0

2.3.12.2 H323 Call Setup Info. – PGM Code 361

VOIP channels are used for Distributed Networking, access to SIP or H.323 networks and for remote iPECS-MG devices. When the Standard H.323 VoIP protocol is employed for an external VoIP call, several attributes including the H.323 Call Set-up mode and tunneling (H.245 Encapsulation) can be established. Also for H.323 support, a Registration, Admissions and Status (RAS) channel can be defined. The RAS channel IP addresses (uni-cast and multi-cast) as well as the IP port Numbering Plan and other H.323 set-up characteristics are defined.

H323 Call Set-up allows configuring the IP TOS bit for Diffserv, a commonly recognized packet prioritization protocol. Higher priority packets are given priority in the Router or Layer 3 Switch queue. However, they are the first to be discarded in the event of long queue delays, which may cause excess packet loss and poor voice quality (refer to Table for a description of the features and the input required).

PROCEDURE:	
H.323 CALL SETUP INFO ENTER CO GRP NUMBER	1. Press the **[PGM]** button and dial 361.
GROUP 02 ATTR PRESS FLEX KEY (1–9)	2. Use the dial pad to enter the CO group number.
Refer to the following Table	3. Press the desired Flex button (refer to Table).
	4. Use the dial pad to enter the desired data (refer to Table).
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.12.2-1 H.323 CALL SETUP ATTRIBUTES (PGM 361)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	SETUP MODE (1: FAST/0: NOR): FAST	H.323 IP calls can be set–up using the H.323 Normal or Fast Start mode.	0: Normal 1: Fast mode	Fast mode
2	TUNNELING MODE (1: ON/0: OFF): OFF	H.323 IP calls can be set–up using the H.245 Encapsulation (Tunneling).	0: OFF 1: ON	ON
3	DTMF SEND MODE (0–2) INBAND	During a connection, DTMF digits can be sent In–band, rfc2833 or outband (H.245)signalling.	0: Inband 1: RFC2833 2: outband	Inband
4	DIFF SERV (00–63): 04	Diffserv pre–tagging for Voice packet. **NOTE** High values may cause high packet discard levels.	0–63	4
5	FIRST CODEC (0-4): G711A	First Codec Type.	0: NOT USE 1:G711U 2:G711A 3:G729 4:G723	G711U

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
6	SECOND CODEC (0-4): NOT USE	Second Codec Type.	0: NOT USE 1:G711U 2:G711A 3:G729 4:G723	NOT USE
7	THIRD CODEC (0-4): NOT USE	Third Codec Type.	0: NOT USE 1:G711U 2:G711A 3:G729 4:G723	NOT USE
8	FOURTH CODEC (0-4): NOT USE	Fourth Codec Type.	0: NOT USE 1:G711U 2:G711A 3:G729 4:G723	NOT USE
9	GK USED (1: ON/0: OFF): OFF	Used to determine if Gatekeeper will be used.	0: NOT USE 1:G711U 2:G711A 3:G729 4:G723	NOT USE

2.3.12.3 H.323 Incoming Attributes – PGM Code 362

To get the direct H.323, the From IP-Address and 'the incoming CO Group number' to be routed should be assigned.

PROCEDURE:	
H.323 INCOMING ATTR ENTER BIN NO (00–50)	1. Press the **[PGM]** button and dial 362.
H.323 INCOMING ATTR 01 PRESS FLEX_KEY (1–4)	2. Enter Bin Number. Bin Number 0 is the case of unknown IP Address.
	3. Press the desired Flex button and enter the appropriate data.
	4. Press the **[SAVE]** button to store the new data.

Table 2.3.12.3-1 H.323 ROUTING ATTRIBUTES (PGM 362)

BTN	DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	FROM IP (SKIP.#) 0. 0. 0. 0	IP address associated with H.323 incoming calls. The index 0 is used when external call cones from unknown IP Address which is not listed in this table entry.		0.0.0.0
2	INCOMING CO GRP NUM (01–72): ..	CO group number associated with H.323 incoming calls.	01－72(MG-300) 01-24(MG-100)	
3	FW ip(skip:#) 0 .0 .0 .0	Destination fire wall IP address associated with the FROM IP address.		0.0.0.0
4	CHECK MSG OPTION (1:ON/0:OFF) : OFF	Determines if FROM IP will be used check message.	0: OFF 1: ON	OFF

2.3.12.4 GK Setup Info. – PGM Code 363

PROCEDURE:	
GK SETUP INFO PRESS FLEX_KEY (1–9)	1. Press the **[PGM]** button and dial 363.
	2. Press the desired Flex button, refer to the following Table.
	3. Press the **[SAVE]** button to store the new data.

Table 2.3.12.4-1 GK SETUP INFO (PGM 363)

BTN	DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	GK USAGE (1: ON/0: OFF) : OFF	Determines if MPB will be used as a GateKeeper.	0: OFF 1: ON	OFF
2	LIGHT RRQ USAGE (1: ON/0: OFF) : OFF	The System can be set to use the simple Registration Request (RRQ) message (ON) or the full RRQ message (OFF).	0: OFF 1: ON	OFF
3	MULTI GK IP (SKIP: #) 0. 0. 0. 0	Multi–cast IP address for RAS Information of Gatekeeper.	IP Address	0.0.0.0
4	MULTI GK PORT (0000–9999) : 0000	Multi–cast IP Port for RAS Information of Gatekeeper.	IP Port # (0–9999)	0
5	UNI GK IP (SKIP.#) 0. 0. 0. 0	Uni–cast IP address for RAS Information of Gatekeeper.	IP Address	0.0.0.0
6	UNI GK PORT (0000–9999) : 1719	Uni–cast IP Port for RAS Information of Gatekeeper.	IP Port # (0–9999)	1719
7	KEEP ALIVE TIME (SEC) (0001–1000): 0120	The System will cycle a polling message at the culmination of the KEEP ALIVE TIME (sec.) to verify the status of the connection.	1–1000	120
8	GATEWAY PREFIX	The Numbering Plan for Calling Number in RAS Setup.	Max. 25 Digits	
9	H.323 GATEWAY ID	The GateKeeper ID (Keyset Admin=up to 24 digits can be checked or programmed).	Max. 129 Digits	

2.3.12.5 H.323 Check Message Information – PGM Code 364

To get the direct H.323, the From IP-Address and 'the incoming CO Group number' to be routed should be assigned.

PROCEDURE:	
H.323 Check Msg INFO PRESS FLEX_KEY (1–2)	1. Press the **[PGM]** button and dial 364.
	2. Press the desired Flex button and enter the appropriate data.
	3. Press the **[SAVE]** button to store the new data.

Table 2.3.12.5-1 H.323 Check Message Information (PGM 364)

BTN	DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	RETRY COUNT (01-10) : 03	Determines the retry count; following MG sending the ping and reply message is not received in return.	01-10	03
2	SESSION CHECK TIME(SEC) (0030-3600) : 0030	This field indicates the time interval to send ping message periodically.	0030-3600	0030

2.3.13 Gain & Cadence Control – PGM Codes 400 – 440

2.3.13.1 DKT RX Gain – PGM Code 400

The RX gain of DKT can be adjusted (refer to Table for setting values).

PROCEDURE:	
DKT RX GAIN TABLE PRESS FLEX_KEY (1–3)	1. Press the **[PGM]** button and dial 400.
I DKT RX GAIN PRESS FLEX_KEY (01-10)	2. Enter the DKT RX gain table index no(1-3).
	3. Press the desired Flex button (refer to Table).
	4. Use the dial–pad to enter desired data for the attribute setting (refer to Table).
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.13.1-1 DKT RX GAIN (PGM 400)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	1 DKT RX GAIN DKT<–DKT: 26 (00–63)	DKT RX gain from DKT	0-63	26
2	1 DKT RX GAIN DKT<–SLT: 22 (00–63)	DKT RX gain from SLT	0-63	22
3	1 DKT RX GAIN DKT<–DECT: 26 (00–63)	DKT RX gain from DECT	0-63	26
4	1 DKT RX GAIN DKT<–IPDEV: 26 (00–63)	DKT RX gain from IPDEV	0-63	26
5	1 DKT RX GAIN DKT<–ACO: 26 (00–63)	DKT RX gain from Analog CO	0-63	26
6	1 DKT RX GAIN DKT<–DCO: 33 (00–63)	DKT RX gain from Digital CO	0-63	33
7	1 DKT RX GAIN DKT<–VMIB: 29 (00–63)	DKT RX gain from VMIB	0-63	29
8	1 DKT RX GAIN DKT<–DTMF: 08 (00–63)	DKT RX gain from DTMF	0-63	08
9	1 DKT RX GAIN DKT<–TONE: 32 (00–63)	DKT RX gain from TONE	0-63	32
10	1 DKT RX GAIN DKT<–MUSIC: 29 (00–63)	DKT RX gain from MUSIC	0-63	29

2.3.13.2 SLT RX Gain – PGM Code 401

The RX gain of SLT can be adjusted (refer to Table for setting values).

PROCEDURE:	
SLT RX GAIN TABLE ENTER TABLE INDEX (1–3)	1. Press the **[PGM]** button and dial 401.
1 SLT RX GAIN PRESS FLEX_KEY (01-10)	2. Enter the SLT RX gain table index no (1-3).
	3. Press the desired Flex button (refer to Table).
	4. Use the dial–pad to enter desired data for the attribute setting (refer to Table).
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.13.2-1 SLT RX GAIN (PGM 401)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	1 SLT RX GAIN SLT<–DKT: 32 (00–63)	SLT RX gain from DKT	0-63	32
2	1 SLT RX GAIN SLT<–SLT: 32 (00–63)	SLT RX gain from SLT	0-63	32
3	1 SLT RX GAIN SLT<–DECT: 32 (00–63)	SLT RX gain from DECT	0-63	32
4	1 SLT RX GAIN SLT<–IPDEV: 33 (00–63)	SLT RX gain from IPDEV	0-63	33
5	1 SLT RX GAIN SLT<–ACO: 32 (00–63)	SLT RX gain from Analog CO	0-63	32
6	1 SLT RX GAIN SLT<–DCO: 44 (00–63)	SLT RX gain from Digital CO	0-63	44
7	1 SLT RX GAIN SLT<–VMIB: 40 (00–63)	SLT RX gain from VMIB	0-63	40
8	1 SLT RX GAIN SLT<–DTMF: 28 (00–63)	SLT RX gain from DTMF	0-63	28
9	1 SLT RX GAIN SLT<–TONE: 38 (00–63)	SLT RX gain from TONE	0-63	38
10	1 SLT RX GAIN SLT<–MUSIC: 40 (00–63)	SLT RX gain from MUSIC	0-63	40

2.3.13.3 DECT RX Gain – PGM Code 402

The RX gain of DECT can be adjusted (refer to Table for setting values).

PROCEDURE:	
DECT RX GAIN TABLE ENTER TABLE INDEX (1–3)	1. Press the **[PGM]** button and dial 402.
1 DECT RX GAIN PRESS FLEX_KEY (01-10)	2. Enter the DECT RX gain table index no (1-3).
	3. Press the desired Flex button (refer to Table).
	4. Use the dial–pad to enter desired data for the attribute setting (refer to Table).
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.13.3-1 DECT RX GAIN (PGM 402)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	1 DECT RX GAIN DECT<–DKT: 26 (00–63)	DECT RX gain from DKT	0–63	26
2	1 DECT RX GAIN DECT<–SLT: 33 (00–63)	DECT RX gain from SLT	0–63	33
3	1 DECT RX GAIN DECT<–DECT: 26 (00–63)	DECT RX gain from DECT	0–63	26
4	1 DECT RX GAIN DECT<–IPDEV: 26 (00–63)	DECT RX gain from IPDEV	0–63	26
5	1 DECT RX GAIN DECT<–ACO: 38 (00–63)	DECT RX gain from Analog CO	0–63	38
6	1 DECT RX GAIN DECT<–DCO: 33 (00–63)	DECT RX gain from Digital CO	0–63	33
7	1 DECT RX GAIN DECT<–VMIB: 29 (00–63)	DECT RX gain from VMIB	0–63	29
8	1 DECT RX GAIN DECT<–DTMF: 08 (00–63)	DECT RX gain from DTMF	0–63	8
9	1 DECT RX GAIN DECT<–TONE: 37 (00–63)	DECT RX gain from TONE	0–63	37
10	1 DECT RX GAIN DECT<–MUSIC: 29 (00–63)	DECT RX gain from MUSIC	0–63	29

2.3.13.4 IP−PHONE RX Gain – PGM Code 403

The RX gain of IP-Phone can be adjusted.

PROCEDURE:	
IP–PHONE RX GAIN TABLE ENTER TABLE INDEX (1–3)	1. Press the **[PGM]** button and dial 403.
1 IP-PHONE RX GAIN PRESS FLEX_KEY (01-10)	2. Enter the IP-Phone RX gain table index no (1-3).
	3. Press the desired Flex button (refer to Table).
	4. Use the dial–pad to enter desired data for the attribute setting (refer to Table).
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.13.4-1 IP-PHONE RX GAIN (PGM 403)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	1 IP–PHONE RX GAIN IPDEV<–DKT: 26 (00–63)	IP−PHONE RX gain from DKT	0−63	26
2	1 IP–PHONE RX GAIN IPDEV<–SLT: 33 (00–63)	IP−PHONE RX gain from SLT	0−63	33
3	1 IP–PHONE RX GAIN IPDEV<–DECT: 26 (00–63)	IP−PHONE RX gain from DECT	0−63	26
4	1 IP–PHONE RX GAIN IPDEV<–IPDEV: 26 (00–63)	IP−PHONE RX gain from IP−PHONE	0−63	26
5	1 IP–PHONE RX GAIN IPDEV<–ACO: 33 (00–63)	IP−PHONE RX gain from Analog CO	0−63	33
6	1 IP–PHONE RX GAIN IPDEV<–DCO: 33 (00–63)	IP−PHONE RX gain from Digital CO	0−63	33
7	1 IP–PHONE RX GAIN IPDEV<–VMIB: 29 (00–63)	IP−PHONE RX gain from VMIB	0−63	29
8	1 IP–PHONE RX GAIN IPDEV<–DTMF: 08 (00–63)	IP−PHONE RX gain from DTMF	0−63	8
9	1 IP–PHONE RX GAIN IPDEV<–TONE: 32 (00–63)	IP−PHONE RX gain from TONE	0−63	32
10	1 IP–PHONE RX GAIN IPDEV<–MUSIC: 29 (00–63)	IP−PHONE RX gain from MUSIC	0−63	29

2.3.13.5 ANALOG CO RX Gain – PGM Code 404

The RX gain of Analog CO can be adjusted.

PROCEDURE:	
ACO RX GAIN TABLE ENTER TABLE INDEX (1–3)	1. Press the **[PGM]** button and dial 404.
1 ACO RX GAIN PRESS FLEX_KEY (01-10)	2. Enter the Analog CO RX gain table index (1-3).
	3. Press the desired Flex button (refer to Table).
	4. Use the dial–pad to enter desired data for the attribute setting (refer to Table).
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.13.5-1 ACO RX GAIN (PGM 404)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	1 ACO RX GAIN ACO<–DKT: 40 (00–63)	ACO RX gain from DKT	0−63	40
2	1 ACO RX GAIN ACO<–SLT: 32 (00–63)	ACO RX gain from SLT	0−63	32
3	1 ACO RX GAIN ACO<–DECT: 31 (00–63)	ACO RX gain from DECT	0−63	31
4	1 ACO RX GAIN ACO<–IPDEV: 33 (00–63)	ACO RX gain from IPDEV	0−63	33
5	1 ACO RX GAIN ACO<–ACO: 32 (00–63)	ACO RX gain from Analog CO	0−63	32
6	1 ACO RX GAIN ACO<–DCO: 38 (00–63)	ACO RX gain from Digital CO	0−63	38
7	1 ACO RX GAIN ACO<–VMIB: 37 (00–63)	ACO RX gain from VMIB	0−63	37
8	1 ACO RX GAIN ACO<–DTMF: 42 (00–63)	ACO RX gain from DTMF	0−63	42
9	1 ACO RX GAIN ACO<–TONE: 37 (00–63)	ACO RX gain from TONE	0−63	37
10	1 ACO RX GAIN ACO<–MUSIC: 37 (00–63)	ACO RX gain from MUSIC	0−63	37

2.3.13.6 DIGITAL CO RX Gain – PGM Code 405

The RX gain of Analog CO can be adjusted.

PROCEDURE:	
DCO RX GAIN TABLE ENTER TABLE INDEX (1–3)	1. Press the **[PGM]** button and dial 405.
1 DCO RX GAIN PRESS FLEX_KEY (01-10)	2. Enter the Digital CO RX gain table index no (1-3).
	3. Press the desired Flex button (refer to Table).
	4. Use the dial–pad to enter desired data for the attribute setting (refer to Table.)
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.13.6-1 DCO RX GAIN (PGM 405)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	1 DCO RX GAIN DCO<–DKT: 26 (00–63)	DCO RX gain from DKT	0–63	26
2	1 DCO RX GAIN DCO<–SLT: 26 (00–63)	DCO RX gain from SLT	0–63	26
3	1 DCO RX GAIN DCO<–DECT: 26 (00–63)	DCO RX gain from DECT	0–63	26
4	1 DCO RX GAIN DCO<–IPDEV: 33 (00–63)	DCO RX gain from IPDEV	0–63	33
5	1 DCO RX GAIN DCO<–ACO: 15 (00–63)	DCO RX gain from Analog CO	0–63	15
6	1 DCO RX GAIN DCO<–DCO: 32 (00–63)	DCO RX gain from Digital CO	0–63	32
7	1 DCO RX GAIN DCO<–VMIB: 32 (00–63)	DCO RX gain from VMIB	0–63	32
8	1 DCO RX GAIN DCO<–DTMF: 32 (00–63)	DCO RX gain from DTMF	0–63	32
9	1 DCO RX GAIN DCO<–TONE: 32 (00–63)	DCO RX gain from TONE	0–63	32
10	1 DCO RX GAIN DCO<–MUSIC: 32 (00–63)	DCO RX gain from MUSIC	0–63	32

2.3.13.7 VMIB RX Gain – PGM Code 406

The RX gain of VMIB can be adjusted.

PROCEDURE:	
VMIB RX GAIN TABLE ENTER TABLE INDEX (1–3)	1. Press the **[PGM]** button and dial 406.
1 VMIB RX GAIN PRESS FLEX_KEY (01-10)	2. Enter the VMIB RX gain table index no (1-3).
	3. Press the desired Flex button (refer to Table).
	4. Use the dial–pad to enter desired data for the attribute setting (refer to Table).
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.13.7-1 VMIB RX GAIN (PGM 406)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	1 VMIB RX GAIN VMIB<–DKT: 26 (00–63)	VMIB RX gain from DKT	0−63	26
2	1 VMIB RX GAIN VMIB<–SLT: 29 (00–63)	VMIB RX gain from SLT	0−63	29
3	1 VMIB RX GAIN VMIB<–DECT: 23 (00–63)	VMIB RX gain from DECT	0−63	23
4	1 VMIB RX GAIN VMIB<–IPDEV: 32 (00–63)	VMIB RX gain from IPDEV	0−63	32
5	1 VMIB RX GAIN VMIB<–ACO: 32 (00–63)	VMIB RX gain from Analog CO	0−63	32
6	1 VMIB RX GAIN VMIB<–DCO: 32 (00–63)	VMIB RX gain from Digital CO	0−63	32
7	1 VMIB RX GAIN VMIB<–VMIB: 32 (00–63)	VMIB RX gain from VMIB	0−63	32
8	1 VMIB RX GAIN VMIB<–DTMF: 32 (00–63)	VMIB RX gain from DTMF	0−63	32
9	1 VMIB RX GAIN VMIB<–TONE: 32 (00–63)	VMIB RX gain from TONE	0−63	32
10	1 VMIB RX GAIN VMIB<–MUSIC: 32 (00–63)	VMIB RX gain from MUSIC	0−63	32

2.3.13.8 External Page RX Gain – PGM Code 407

The RX gain of External Page can be adjusted.

PROCEDURE:	
EXT PAGE RX GAIN TABLE ENTER TABLE INDEX (1–3)	1. Press the **[PGM]** button and dial 407.
1 EXT PAGE RX GAIN PRESS FLEX_KEY (01-10)	2. Enter the External Page RX gain table index no (1-3).
	3. Press the desired Flex button (refer to Table).
	4. Use the dial–pad to enter desired data for the attribute setting (refer to Table).
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.13.8-1 External PAGE RX GAIN (PGM 407)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	1 EXT PAGE RX GAIN E.PAGE<–DKT: 26 (00–63)	External PAGE RX gain from DKT	0−63	26
2	1 EXT PAGE RX GAIN E.PAGE<–SLT: 26 (00–63)	External PAGE RX gain from SLT	0−63	26
3	1 EXT PAGE RX GAIN E.PAGE<–DECT: 26 (00–63)	External PAGE RX gain from DECT	0−63	26
4	1 EXT PAGE RX GAIN E.PAGE<–IPDEV: 32 (00–63)	External PAGE RX gain from IPDEV	0−63	32
5	1 EXT PAGE RX GAIN E.PAGE<–ACO: 28 (00–63)	External PAGE RX gain from Analog CO	0−63	28
6	1 EXT PAGE RX GAIN E.PAGE<–DCO: 37 (00–63)	External PAGE RX gain from Digital CO	0−63	37
7	1 EXT PAGE RX GAIN E.PAGE<–VMIB: 37 (00–63)	External PAGE RX gain from VMIB	0−63	37
8	1 EXT PAGE RX GAIN E.PAGE<–DTMF: 32 (00–63)	External PAGE RX gain from DTMF	0−63	32
9	1 EXT PAGE RX GAIN E.PAGE<–TONE: 32 (00–63)	External PAGE RX gain from TONE	0−63	32
10	1 EXT PAGE RX GAIN E.PAGE<–MUSIC: 32 (00–63)	External PAGE RX gain from MUSIC	0−63	32

2.3.13.9 DSP RX Gain – PGM Code 415

The RX gain of DSP can be adjusted (refer to Table 2.3.13.9-1).

PROCEDURE:	
DSP RX GAIN TABLE ENTER TABLE INDEX (1–3)	1. Press the **[PGM]** button and dial 415.
1 DSP GAIN PRESS FLEX_KEY (01-09)	2. Enter the DSP RX gain table index no (1-3).
	3. Press the desired Flex button (refer to Table 2.3.13.9–1).
	4. Use the dial–pad to enter desired data for the attribute setting (refer to Table 2.3.13.9–1).
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.13.9-1 DSP RX GAIN (PGM 415)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	1 DSP RX GAIN DSP<–DTMF/A: 32 (00–63)	DSP RX gain from DTMF(A)	0-63	32
2	1 DSP RX GAIN DSP<–DTMF/D: 32 (00–63)	DSP RX gain from DTMF(D)	0-63	32
3	1 DSP RX GAIN DSP<–CPT: 32 (00–63)	DSP RX gain from CPT	0-63	32
4	1 DSP RX GAIN DSP<–CID/FSK: 32 (00–63)	DSP RX gain from CID(FSK)	0-63	32
5	1 DSP RX GAIN DSP<–CID/D: 32 (00–63)	DSP RX gain from CID(DTMF)	0-63	32
6	1 DSP RX GAIN DSP<–CID/RSU: 36 (00–63)	DSP RX gain from RCID	0-63	36
7	1 DSP RX GAIN DSP<–SMS/TRK: 32 (00–63)	DSP RX gain from SMS(ACO)	0-63	32
8	1 DSP RX GAIN DSP<–SMS/SLT: 32 (00–63)	DSP RX gain from SMS(SLT)	0-63	32
9	1 DSP RXGAIN RCID REQ-SIG : 38 (00-63)	RCID Request Signal Gain	0-63	32

2.3.13.10 RTP RX Gain – PGM Codes 420 – 426

Each device can adjust its own RTP RX gain from other devices (refer to Table 2.3.13.10-1 to Table 2.3.13.10-7 for RTP RX gain adjustment of devices).

PROCEDURE:	
SLTM RX RTP GAIN PRESS FLEX_KEY (1–7)	1. Press the **[PGM]** button and dial. 420: SLTM RX RTP GAIN 421: DTIM(HS) RX RTP GAIN 422: DTIM(HF) RX RTP GAIN 423: IP–Phone(HS) RX RTP GAIN 424: IP–Phone(HF) RX RTP GAIN 425: WIT RX RTP GAIN 426: VOIB RX RTP GAIN
	2. Press the desired Flex button (refer to Table 2.3.13.10–1 to Table 2.3.13.10-7).
	3. Use the dial–pad to enter the desired data for the attribute setting (refer to Table 2.3.13.10–1 to Table 2.3.13.10-7).
	4. Press the **[SAVE]** button to store the data entry.

Table 2.3.13.10-1 SLTM RX RTP GAIN (PGM 420)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	SLTM RX RTP GAIN SLTM<–SLTM: 34 (00–63)	SLTM RX gain from SLTM	0–63	34
2	SLTM RX RTP GAIN SLTM<–DTIM–HS: 34 (00–63)	SLTM RX gain from DTIM(HS)	0–63	34
3	SLTM RX RTP GAIN SLTM<–DTIM–HF: 34 (00–63)	SLTM RX gain from DTIM(HF)	0–63	34
4	SLTM RX RTP GAIN SLTM<–LIP–HS: 34 (00–63)	SLTM RX gain from IP–PHONE(HS)	0–63	34
5	SLTM RX RTP GAIN SLTM<–LIP–HF: 34 (00–63)	SLTM RX gain from IP–PHONE(HF)	0–63	34
6	SLTM RX RTP GAIN SLTM<–WIT: 34 (00–63)	SLTM RX gain from WIT	0–63	34
7	SLTM RX RTP GAIN SLTM<–VOIB: 34 (00–63)	SLTM RX gain from VOIB	0–63	34

Table 2.3.13.10-2 DTIM(HS) RX RTP GAIN (PGM 421)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	DTIM RX HS RTP GAIN DTIM–HS<–SLTM: 34 (00–63)	DTIM(HS) RX gain from SLTM	0-63	34
2	DTIM RX HS RTP GAIN DTIM–HS<–DTIM–HS: 34 (00–63)	DTIM(HS) RX gain from DTIM(HS)	0-63	34
3	DTIM RX HS RTP GAIN DTIM–HS<–DTIM–HF: 34 (00–63)	DTIM(HS) RX gain from DTIM(HF)	0-63	34
4	DTIM RX HS RTP GAIN DTIM–HS<–LIP–HS: 34 (00–63)	DTIM(HS) RX gain from IP–PHONE(HS)	0-63	34
5	DTIM RX HS RTP GAIN DTIM–HS<–LIP–HF: 34 (00–63)	DTIM(HS) RX gain from IP–PHONE(HF)	0-63	34
6	DTIM RX HS RTP GAIN DTIM–HS<–WIT: 34 (00–63)	DTIM(HS) RX gain from WIT	0-63	34
7	DTIM RX HS RTP GAIN DTIM–HS<–VOIB: 34 (00–63)	DTIM(HS) RX gain from VOIB	0-63	34

Table 2.3.13.10-3 DTIM(HF) RX RTP GAIN (PGM 422)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	DTIM RX HF RTP GAIN DTIM–HF<–SLTM: 34 (00–63)	DTIM(HF) RX gain from SLTM	0-63	34
2	DTIM RX HF RTP GAIN DTIM–HF<–DTIM–HS: 34 (00–63)	DTIM(HF) RX gain from DTIM(HS)	0-63	34
3	DTIM RX HF RTP GAIN DTIM–HF<–DTIM–HF: 34 (00–63)	DTIM(HF) RX gain from DTIM(HF)	0-63	34
4	DTIM RX HF RTP GAIN DTIM–HF<–LIP–HS: 34 (00–63)	DTIM(HF) RX gain from IP–PHONE(HS)	0-63	34
5	DTIM RX HF RTP GAIN DTIM–HF<–LIP–HF: 34 (00–63)	DTIM(HF) RX gain from IP–PHONE(HF)	0-63	34
6	DTIM RX HF RTP GAIN DTIM–HF<–WIT: 34 (00–63)	DTIM(HF) RX gain from WIT	0-63	34
7	DTIM RX HF RTP GAIN DTIM–HF<–VOIB: 34 (00–63)	DTIM(HF) RX gain from VOIB	0-63	34

Table 2.3.13.10-4 IP-PHONE(HS) RX RTP GAIN (PGM 423)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	LIP RX HS RTP GAIN LIP–HS<–SLTM: 34 (00–63)	IP–PHONE(HS) RX gain from SLTM	0–63	34
2	LIP RX HS RTP GAIN LIP–HS<–DTIM–HS: 34 (00–63)	IP–PHONE (HS) RX gain from DTIM(HS)	0–63	34
3	LIP RX HS RTP GAIN LIP–HS<–DTIM–HF: 34 (00–63)	IP–PHONE (HS) RX gain from DTIM(HF)	0–63	34
4	LIP RX HS RTP GAIN LIP–HS<–LIP–HS: 34 (00–63)	IP–PHONE (HS) RX gain from IP–PHONE(HS)	0–63	34
5	LIP RX HS RTP GAIN LIP–HS<–LIP–HF: 34 (00–63)	IP–PHONE (HS) RX gain from IP–PHONE(HF)	0–63	34
6	LIP RX HS RTP GAIN LIP–HS<–WIT: 34 (00–63)	IP–PHONE (HS) RX gain from WIT	0–63	34
7	LIP RX HS RTP GAIN LIP–HS<–VOIB: 34 (00–63)	IP–PHONE (HS) RX gain from VOIB	0–63	34

Table 2.3.13.10-5 IP-PHONE(HF) RX RTP GAIN (PGM 424)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	LIP RX HF RTP GAIN LIP–HF<–SLTM: 34 (00–63)	IP–PHONE(HF) RX gain from SLTM	0–63	34
2	LIP RX HF RTP GAIN LIP–HF<–DTIM–HS: 34 (00–63)	IP–PHONE (HF) RX gain from DTIM(HS)	0–63	34
3	LIP RX HF RTP GAIN LIP–HF<–DTIM–HF: 34 (00–63)	IP–PHONE (HF) RX gain from DTIM(HF)	0–63	34
4	LIP RX HF RTP GAIN LIP–HF<–LIP–HS: 34 (00–63)	IP–PHONE (HF) RX gain from IP–PHONE(HS)	0–63	34
5	LIP RX HF RTP GAIN LIP–HF<–LIP–HF: 34 (00–63)	IP–PHONE (HF) RX gain from IP–PHONE(HF)	0–63	34
6	LIP RX HF RTP GAIN LIP–HF<–WIT: 34 (00–63)	IP–PHONE (HF) RX gain from WIT	0–63	34
7	LIP RX HF RTP GAIN LIP–HF<–VOIB: 34 (00–63)	IP–PHONE (HF) RX gain from VOIB	0–63	34

Table 2.3.13.10-6 WIT RX RTP GAIN (PGM 425)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	WIT RX RTP GAIN WIT<–SLTM: 34 (00–63)	WIT RX gain from SLTM	0-63	34
2	WIT RX RTP GAIN WIT<–DTIM–HS: 34 (00–63)	WIT RX gain from DTIM(HS)	0-63	34
3	WIT RX RTP GAIN WIT<–DTIM–HF: 34 (00–63)	WIT RX gain from DTIM(HF)	0-63	34
4	WIT RX RTP GAIN WIT<–LIP–HS: 34 (00–63)	WIT RX gain from IP–PHONE(HS)	0-63	34
5	WIT RX RTP GAIN WIT<–LIP–HF: 34 (00–63)	WIT RX gain from IP–PHONE(HF)	0-63	34
6	WIT RX RTP GAIN WIT<–WIT: 34 (00–63)	WIT RX gain from WIT	0-63	34
7	WIT RX RTP GAIN WIT<–VOIB: 34 (00–63)	WIT RX gain from VOIB	0-63	34

Table 2.3.13.10-7 VOIB RX RTP GAIN (PGM 426)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	VOIB RX RTP GAIN VOIB<–SLTM: 34 (00–63)	VOIB RX gain from SLTM	0-63	34
2	VOIB RX RTP GAIN VOIB<–DTIM–HS: 34 (00–63)	VOIB RX gain from DTIM(HS)	0-63	34
3	VOIB RX RTP GAIN VOIB<–DTIM–HF: 34 (00–63)	VOIB RX gain from DTIM(HF)	0-63	34
4	VOIB RX RTP GAIN VOIB<–LIP–HS: 34 (00–63)	VOIB RX gain from IP–PHONE(HS)	0-63	34
5	VOIB RX RTP GAIN VOIB<–LIP–HF: 34 (00–63)	VOIB RX gain from IP–PHONE(HF)	0-63	34
6	VOIB RX RTP GAIN VOIB<–WIT: 34 (00–63)	VOIB RX gain from WIT	0-63	34
7	VOIB RX RTP GAIN VOIB<–VOIB: 34 (00–63)	VOIB RX gain from VOIB	0-63	34

2.3.13.11 RTP TX Gain – PGM Codes 430 – 436

Each device can adjust its own RTP TX gain to another device (refer to Table 2.3.13.11-1 to Table 2.3.13.11-7 for RTP TX gain adjustment of devices).

PROCEDURE:	
SLTM TX RTP GAIN PRESS FLEX_KEY (1–7)	1. Press the **[PGM]** button and dial. 430: SLTM TX RTP GAIN 431: DTIM(HS) TX RTP GAIN 432: DTIM(HF) TX RTP GAIN 433: IP–Phone(HS) TX RTP GAIN 434: IP–Phone(HF) TX RTP GAIN 435: WIT TX RTP GAIN 436: VOIB TX RTP GAIN
	2. Press the desired Flex button (refer to Table 2.3.13.11–1 to Table 2.3.13.11–7)
	3. Use the dial–pad to enter desired data for the attribute setting (refer to Table 2.3.13.11–1 to Table 2.3.13.11–7).
	4. Press the **[SAVE]** button to store the data entry.

Table 2.3.13.11-1 SLTM TX RTP GAIN (PGM 430)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	SLTM TX RTP GAIN SLTM–>SLTM: 34 (00–63)	SLTM TX gain to SLTM	0–63	34
2	SLTM TX RTP GAIN SLTM–>DTIM–HS: 34 (00–63)	SLTM TX gain to DTIM(HS)	0–63	34
3	SLTM TX RTP GAIN SLTM–>DTIM–HF: 34 (00–63)	SLTM TX gain to DTIM(HF)	0–63	34
4	SLTM TX RTP GAIN SLTM–>LIP–HS: 34 (00–63)	SLTM TX gain to IP–PHONE(HS)	0–63	34
5	SLTM TX RTP GAIN SLTM–>LIP–HF: 34 (00–63)	SLTM TX gain to IP–PHONE(HF)	0–63	34
6	SLTM TX RTP GAIN SLTM–>WIT: 34 (00–63)	SLTM TX gain to WIT	0–63	34
7	SLTM TX RTP GAIN SLTM–>VOIB: 34 (00–63)	SLTM TX gain to VOIB	0–63	34

Table 2.3.13.11-2 DTIM(HS) TX RTP GAIN (PGM 431)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	DTIM TX HS RTP GAIN DTIM–HS–>SLTM: 34 (00–63)	DTIM(HS) TX gain to SLTM	0–63	34
2	DTIM TX HS RTP GAIN DTIM–HS–>DTIM–HS: 34 (00–63)	DTIM(HS) TX gain to DTIM(HS)	0–63	34
3	DTIM TX HS RTP GAIN DTIM–HS–>DTIM–HF: 34 (00–63)	DTIM(HS) TX gain to DTIM(HF)	0–63	34
4	DTIM TX HS RTP GAIN DTIM–HS–>LIP–HS: 34 (00–63)	DTIM(HS) TX gain to IP–PHONE(HS)	0–63	34
5	DTIM TX HS RTP GAIN DTIM–HS–>LIP–HF: 34 (00–63)	DTIM(HS) TX gain to IP–PHONE(HF)	0–63	34
6	DTIM TX HS RTP GAIN DTIM–HS–>WIT: 34 (00–63)	DTIM(HS) TX gain to WIT	0–63	34
7	DTIM TX HS RTP GAIN DTIM–HS–>VOIB: 34 (00–63)	DTIM(HS) TX gain to VOIB	0–63	34

Table 2.3.13.11-3 DTIM(HF) TX RTP GAIN (PGM 432)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	DTIM TX HF RTP GAIN DTIM–HF–>SLTM: 34 (00–63)	DTIM(HF) TX gain to SLTM	0–63	34
2	DTIM TX HF RTP GAIN DTIM–HF–>DTIM–HS: 34 (00–63)	DTIM(HF) TX gain to DTIM(HS)	0–63	34
3	DTIM TX HF RTP GAIN DTIM–HF–>DTIM–HF: 34 (00–63)	DTIM(HF) TX gain to DTIM(HF)	0–63	34
4	DTIM TX HF RTP GAIN DTIM–HF–>LIP–HS: 34 (00–63)	DTIM(HF) TX gain to IP–PHONE(HS)	0–63	34
5	DTIM TX HF RTP GAIN DTIM–HF–>LIP–HF: 34 (00–63)	DTIM(HF) TX gain to IP–PHONE(HF)	0–63	34
6	DTIM TX HF RTP GAIN DTIM–HF–>WIT: 34 (00–63)	DTIM(HF) TX gain to WIT	0–63	34
7	DTIM TX HF RTP GAIN DTIM–HF–>VOIB: 34 (00–63)	DTIM(HF) TX gain to VOIB	0–63	34

Table 2.3.13.11-4 IP-PHONE(HS) TX RTP GAIN (PGM 433)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	LIP TX HS RTP GAIN LIP–HS–>SLTM: 34 (00–63)	IP–PHONE(HS) TX gain to SLTM	0–63	34
2	LIP TX HS RTP GAIN LIP–HS–>DTIM–HS: 34 (00–63)	IP–PHONE (HS) TX gain to DTIM(HS)	0–63	34
3	LIP TX HS RTP GAIN LIP–HS–>DTIM–HF: 34 (00–63)	IP–PHONE (HS) TX gain to DTIM(HF)	0–63	34
4	LIP TX HS RTP GAIN LIP–HS–>LIP–HS: 34 (00–63)	IP–PHONE (HS) TX gain to IP –PHONE(HS)	0–63	34
5	LIP TX HS RTP GAIN LIP–HS–>LIP–HF: 34 (00–63)	IP–PHONE (HS) TX gain to IP –PHONE(HF)	0–63	34
6	LIP TX HS RTP GAIN LIP–HS–>WIT: 34 (00–63)	IP–PHONE (HS) TX gain to WIT	0–63	34
7	LIP TX HS RTP GAIN LIP–HS–>VOIB: 34 (00–63)	IP–PHONE (HS) TX gain to VOIB	0–63	34

Table 2.3.13.11-5 IP-PHONE(HF) TX RTP GAIN (PGM 434)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	LIP TX HF RTP GAIN LIP–HF–>SLTM: 34 (00–63)	IP–PHONE(HF) TX gain to SLTM	0–63	34
2	LIP TX HF RTP GAIN LIP–HF–>DTIM–HS: 34 (00–63)	IP–PHONE (HF) TX gain to DTIM(HS)	0–63	34
3	LIP TX HF RTP GAIN LIP–HF–>DTIM–HF: 34 (00–63)	IP–PHONE (HF) TX gain to DTIM(HF)	0–63	34
4	LIP TX HF RTP GAIN LIP–HF–>LIP–HS: 34 (00–63)	IP–PHONE (HF) TX gain to IP –PHONE(HS)	0–63	34
5	LIP TX HF RTP GAIN LIP–HF–>LIP–HF: 34 (00–63)	IP–PHONE (HF) TX gain to IP –PHONE(HF)	0–63	34
6	LIP TX HF RTP GAIN LIP–HF–>WIT: 34 (00–63)	IP–PHONE (HF) TX gain to WIT	0–63	34
7	LIP TX HF RTP GAIN LIP–HF–>VOIB: 34 (00–63)	IP–PHONE (HF) TX gain to VOIB	0–63	34

Table 2.3.13.11-6 WIT TX RTP GAIN (PGM 435)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	WIT TX RTP GAIN WIT–>SLTM: 34 (00–63)	WIT TX gain to SLTM	0-63	34
2	WIT TX RTP GAIN WIT–>DTIM–HS: 34 (00–63)	WIT TX gain to DTIM(HS)	0-63	34
3	WIT TX RTP GAIN WIT–>DTIM–HF: 34 (00–63)	WIT TX gain to DTIM(HF)	0-63	34
4	WIT TX RTP GAIN WIT–>LIP–HS: 34 (00–63)	WIT TX gain to IP-PHONE(HS)	0-63	34
5	WIT TX RTP GAIN WIT–>LIP–HF: 34 (00–63)	WIT TX gain to IP-PHONE(HF)	0-63	34
6	WIT TX RTP GAIN WIT–>WIT: 34 (00–63)	WIT TX gain to WIT	0-63	34
7	WIT TX RTP GAIN WIT–>VOIB: 34 (00–63)	WIT TX gain to VOIB	0-63	34

Table 2.3.13.11-7 VOIB TX RTP GAIN (PGM 436)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	VOIB TX RTP GAIN VOIB–>SLTM: 34 (00–63)	VOIB TX gain to SLTM	0-63	34
2	VOIB TX RTP GAIN VOIB–>DTIM–HS: 34 (00–63)	VOIB TX gain to DTIM(HS)	0-63	34
3	VOIB TX RTP GAIN VOIB–>DTIM–HF: 34 (00–63)	VOIB TX gain to DTIM(HF)	0-63	34
4	VOIB TX RTP GAIN VOIB–>LIP–HS: 34 (00–63)	VOIB TX gain to IP-PHONE(HS)	0-63	34
5	VOIB TX RTP GAIN VOIB–>LIP–HF: 34 (00–63)	VOIB TX gain to IP-PHONE(HF)	0-63	34
6	VOIB TX RTP GAIN VOIB–>WIT: 34 (00–63)	VOIB TX gain to WIT	0-63	34
7	VOIB TX RTP GAIN VOIB–>VOIB: 34 (00–63)	VOIB TX gain to VOIB	0-63	34

2.3.13.12 SLT Ring Cadence – PGM Code 440

SLT Ring Cadence can be adjusted (refer to Table for setting values).

PROCEDURE:	
SLT RING CADENCE F1: CO RING F2: ICM RING	1. Press the **[PGM]** button and dial 440.
	2. Press the desired Flex button 1 or 2: − Flex 1: Configures SLT CO Ring cadence − Flex 2: Configures SLT ICM Ring cadence
SLT CO RING CADENCE PRESS FLEX_KEY (01–10)	3. For Flex 1, to configure SLT CO Ring cadence, select Flex button (1−10) for the attribute (refer to Table 2.3.13.12−1).
SLT ICM RING CADENCE PRESS FLEX_KEY (01–10)	4. For Flex button 2, to configure SLT ICM Ring cadence, select Flex button (1−10) for the attribute (refer to Table 2.3.13.12−2).
	5. Use the dial–pad to enter desired data for the attribute setting (refer to Table 2.3.13.12−1 and 2).
	6. Press the **[SAVE]** button to store the data entry.

Table 2.3.13.12-1 SLT CO RING CADENCE

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	CO RING REPEAT (000–255): 255	Determines the number of times the SLT CO ring will repeat; 255 means infinite repetition.	0−255	255
2	CO RING TIME UNIT (0: 10/ 1: 100): 100 (msec)	Determines the duration in msec. for ON/OFF ring time.	0: 10 msec, 1: 100 msec	100 msec
3	CO RING 1 ON (000–255): 010	Determines the first ON ring duration.	0−255	010
4	CO RING 1 OFF (000–255): 040	Determines the first OFF ring duration.	0−255	040
5	CO RING 2 ON (000–255): 000	Determines the second ON ring duration.	0−255	000
6	CO RING 2 OFF (000–255): 000	Determines the second OFF ring duration.	0−255	000
7	CO RING 3 ON (000–255): 000	Determines the third ON ring duration.	0−255	000
8	CO RING 3 OFF (000–255): 000	Determines the third OFF ring duration.	0−255	000

Table 2.3.13.12-1 SLT CO RING CADENCE

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
9	CO RING 4 ON (000–255): 000	Determines the forth ON ring duration.	0-255	000
10	CO RING 4 OFF (000–255): 000	Determines forth OFF ring duration.	0-255	000

Table 2.3.13.12-2 SLT CO RING CADENCE

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	ICM RING REPEAT (000–255) : 255	Determines the number of times the SLT ICM ring will repeat; 255 means infinite repetition.	0-255	255
2	ICM RING TIME UNIT (0: 10/ 1: 100): 100 (msec)	Determines the duration in msec. for ON/OFF ring time.	0: 10 msec, 1: 100 msec	100 msec
3	ICM RING 1 ON (000–255): 006	Define first ON ring duration.	0-255	006
4	ICM RING 1 OFF (000–255): 002	Define first OFF ring duration.	0-255	002
5	ICM RING 2 ON (000–255): 002	Define second ON ring duration.	0-255	002
6	ICM RING 2 OFF (000–255): 040	Define second OFF ring duration.	0-255	040
7	ICM RING 3 ON (000–255): 000	Define third ON ring duration.	0-255	000
8	ICM RING 3 OFF (000–255): 000	Define third OFF ring duration.	0-255	000
9	ICM RING 4 ON (000–255): 000	Define forth ON ring duration.	0-255	000
10	ICM RING 4 OFF (000–255): 000	Define forth OFF ring duration.	0-255	000

2.3.13.13 ACNR Tone Cadence – PGM Code 441

ACNR Tone Cadence can be adjusted (refer to Table for setting values).

PROCEDURE:	
ACNR TONE CADENCE PRESS FLEX_KEY (1–5)	1. Press the **[PGM]** button and dial 441.
DIAL TONE CADENCE F1 : ON F2 : OFF	2. Press the desired Flex button 1–5 (refer to Table 2.3.13.13-1). - Flex 1: Tone Cadence ON - Flex 2: Tone Cadence OFF
DIAL TONE ON (000 – 255) : 060	3. Use the dial–pad to enter desired data.
	4. Press the **[SAVE]** button to store the data entry.

Table 2.3.13.13-1 ACNR TONE CADENCE

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	DIAL TONE CADENCE F1: ON (075) F2: OFF (000)	ACNR Dial Tone Cadence	0-255	ON(75) OFF(0)
2	RINGBACK TONE CADENCE F1: ON (050) F2: OFF (100)	ACNR Ringback Tone Cadence	0-255	ON(50) OFF(100)
3	BUSY TONE CADENCE F1: ON (025) F2: OFF (025)	ACNR Busy Tone Cadence	0-255	ON(25) OFF(25)
4	ERROR TONE CADENCE F1: ON (012) F2: OFF (012)	ACNR Error Tone Cadence	0-255	ON(12) OFF(12)
5	LCR DIAL TONE CADENCE F1: ON (070) F2: OFF (000)	ACNR LCR Tone Cadence	0-255	ON(70) OFF(0)

2.3.14 DECT Data – PGM Code 491

2.3.14.1 DECT Attribute – PGM Code 491

DECT Attributes defines functions associated with the DECT equipment and operation. Generally the entry will turn the feature ON (enable) or OFF (disable).

PROCEDURE:	
DECT ATTRIBUTES PRESS FLEX_KEY (1-2)	1. Press the **[PGM]** button and dial 491.
	2. Press the desired Flex button (refer to Table)..
	3. . Use the dial-pad to enter desired data for the attribute setting (refer to Table).
	4. Press the [SAVE] button to store the data entry.

Table 2.3.14.1-1 DECT ATTRIBUTES (PGM 491)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	AUTO CALL RLS (1: ON/ 0: OFF) : OFF	If enabled, when the other party of an active internal call disconnects, the DECT phone return to idle.	0: OFF 1: ON	OFF
2	BASE FAULT ALARM (1: EN / 0: DIS) : DISABLE	If enabled. DECT Base station alarms are sent to the Attendant.	0: Disable 1: Enable	Disable

2.3.15 DB Initialization – PGM Code 499

The system has been pre-programmed with certain features, which are based on the default database.

The defaults are loaded into memory when the system is initialized.

The system should always be initialized when installed or the database is suspected of being corrupt.

This program allows all or any of several distinct portions or the database to be initialized, returned to default.

PROCEDURE:	
INITIALIZE DATABASE PRESS FLEX KEY (1–14)	1. Press the **[PGM]** button and dial 499.
See following Table DISPLAY	2. Press the Flex button for the desired Attribute (refer to Table 2.3.14–1).
	3. Use the dial pad to enter the required range if needed.
	4. Press the **[SAVE]** button to initialize the selected database.

Table 2.3.15-1 INITIALIZE DATABASE (PGM 499)

BTN	DISPLAY	REMARK	RANGE
1	INIT ALL DATA PRESS [SAVE] TO INIT	Initialize all databases.	–
2	SYSTEM RESET PRESS [SAVE] TO RESET	Restart the System.	–
3	INIT STATION DATA ENTER STA RANGE	Initializes Station–based data (Except flexible button data).	Desired station range (initialize whole data when no range)
4	INIT FLEX BTN DATA ENTER STA RANGE	Initializes flexible button data	Desired station range (initialize whole data when no range)
5	INIT COL DATA ENTER COL RANGE	Initializes CO line–based data.	Desired CO line range (initialize whole data when no range)
6	INIT STA GRP DATA PRESS [SAVE] TO INIT	Initializes Station Group–based data.	
7	INIT SYSTEM DATA PRESS [SAVE] TO INIT	Initializes System–based data.	

BTN	DISPLAY	REMARK	RANGE
8	INIT SMDR DATA PRESS [SAVE] TO INIT	Initializes SMDR data.	
9	INIT SYSTEM TIMER PRESS [SAVE] TO INIT	Initializes System Timers.	
10	INIT TABLE DATA PRESS [SAVE] TO INIT	Initializes Table-based data.	
11	INIT TENANT DATA PRESS [SAVE] TO INIT	Initializes Tenant Group-based data.	
12	INIT NETWORKING DATA PRESS [SAVE] TO INIT	Initializes Networking data.	
13	INIT SIP DATA PRESS [SAVE] TO INIT	Initializes SIP data.	
14	HOTDESK LOGOUT ENTER STA RANGE	Log-out hotdesk forcely	Desired station range
15	INIT HOTEL DATA PRESS [SAVE] TO INIT	Initialize Hotel data	

2.3.16 Hotel Data – PGM Code 500-508

2.3.16.1 Hotel General Info – PGM Code 500

Hotel General Info can be adjusted (refer to Table for setting values).

PROCEDURE:	
HOTEL GENERAL INFO PRESS FLEX KEY (01-24)	1. Press the **[PGM]** button and dial 500.
See the following table DISPLAY	2. Press the Flex button for the desired Attribute (refer to Table).
	3. Use the dial-pad to enter desired data for the Attribute.
	4. Press the **[SAVE]** button to store the data entered.

Table 2.3.16.1-1 HOTEL GENERAL INFO (PGM 500)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	HOTEL NAME ……..	Refer to Table 2.1.2-1 for alphanumeric dial-pad entries.	24 Characters	
2	PMS USAGE (0-3) : OFF	Determines the hotel management system. If this field set to OFF, the system can't support interface for PMS and Fidelio.	0:OFF 1:PMS ONLY 2:FIDELIO ONLY 3:PMS+FIDELIO	OFF
3	PMS DEVICE 1 (1: ON / 0: OFF) : OFF	Used to set PMS Device 1 (Display the connection status of PMS Device 1. Blocking: Disconnected/Normal: Connected)	0:OFF 1:ON	OFF
4	PMS DEVICE 2 (1: ON / 0: OFF) : OFF	Used to set PMS Device 2 (Display the connection status of PMS Device 2. Blocking: Disconnected/Normal: Connected)	0:OFF 1:ON	OFF
5	FIAS SERVER IP 0 .0 .0 .0	IP address of Fidelio Server	IP Address	0.0.0.0
6	FIAS SERVER PORT (00001-65535) : …	Port address of Fidelio Server	Port # (00001-65535)	
7	CHECK-IN DAY COS (00-15) : 01	Determines COS in Day mode about check-in room number	00-15	01
8	CHECK0IN NIGHT COS (00-15) : 01	Determines COS in Night mode about check-in room number	00-15	01
9	CHECK-IN TIMED COS (00-15) : 01	Determines COS in Timed mode about check-in room number	00-15	01
10	CHECK-IN DGT CONV TBL (1-9) : 1	Determines Conversion Table Index about check-in room number	MG100 system: 1-5 MG300 system: 1-9	1

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
11	CHECK-OUT DAY COS (00-15) : 01	Determines COS in Day mode about check-out room number	00-15	01
12	CHECK-OUT NIGHT COS (00-15) : 01	Determines COS in Night mode about check-out room number	00-15	01
13	CHECK-OUT TIMED COS (00-15) : 01	Determines COS in Timed mode about check-out room number	00-15	01
14	CHECK-OUT DGT CONV TBL (1-9) : 1	Determines Digit Conversion Table Index about check-out room number	MG100 system: 1-5 MG300 system: 1-9	1
15	CHECK-OUT LCD LANGUAGE (00-17) : ENGLISH (00)	Sets the Language used in the Station's LCD; refer to Table 2.3.16.1-2 below.	00-17	ENGLISH(00)
16	CHECK-OUT PROMPT LANG (1-3) : 1	Selected language type prompt is played to the user when accessing the VMIB.	1-3	1
17	GUEST INFO DISPLAY (1: ON / 0: OFF) : OFF	If enabled, it allows users to view information about guests from front desk while talking with guests over the phone.	0:OFF 1:ON	OFF
18	VIP ATD CALL SERVICE (1: ON / 0: OFF) : OFF	If enabled, It allows an operator to answer the calls from VIP guests earlier when VIP guests call an attendant.	0:OFF 1:ON	OFF
19	VIP WAKEUP SERVICE (1: ON / 0: OFF) : OFF	If enabled, it allows an attendant to be informed of VIP guests' wake-up call and provide wake-up call service	0:OFF 1:ON	OFF
20	ONE DIGIT SERVICE TIMER (00-30) : 00 (sec)	When PGM 508 is set up, one digit service is carried out when the timer is expired.	00-30	00
21	FIAS SMDR C TYPE (1:ON/0:OFF) : ON	If enabled, FIAS SMDR message will include Total Amount (TA) field for direct charge. Otherwise, it will be 'MP' meaning metering count.	0:OFF 1:ON	ON
22	FIAS MINIBAR C TYPE (1:ON/0:OFF) : ON	If enabled, FIAS Minibar message will include Total Amount (TA) field for direct charge. Otherwise, it will be 'M#' meaning number of item.	0:OFF 1:ON	ON
23	CHECK-IN ICM ENABLE (1:ON/0:OFF) : OFF	If enabled, PGM502-F3 "Intercom Enable" is set to 'ON' when a guest room is checked in.	0:OFF 1:ON	OFF
24	CHECK-IN CUT OFF (1:ON/0:OFF) : OFF	If enabled, PGM502-F6 "Cut Off" is set to 'ON' when a guest room is checked in.	0:OFF 1:ON	OFF

Table 2.3.16.1-2 LCD LANGUAGE SELECTION

ENTRY	LANGUAGE
01	English
02	Italian
03	Finnish
04	Swedish
05	Danish
06	Norwegian
07	Hebrew
08	German
09	French
10	Portuguese
11	Spanish
12	Korean
13	Estonian
14	Russian
15	Turkish
16	Polish
17	Greek

2.3.16.2 Hotel Additional Info – PGM Code 501

This program defines settings that control the system with regard to Hotel features. Generally, these entries will turn the feature ON (enable) or OFF (disable). Refer to the following Table for a description of the Attributes, LCD displays and the data entries required.

PROCEDURE:	
SYSTEM ATTRIBUTES PRESS FLEX KEY (01-13)	1. Press the **[PGM]** button and dial 501.
See the following table DISPLAY	2. Press the Flex button for the desired Attribute refer to following Table.
	3. Use the dial-pad to enter desired data for the Attribute.
	4. Press the **[SAVE]** button to store the data entry.

Table 2.3.16.2-1 Hotel Additional Info (PGM 501)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	OFFICE TO GUEST ROOM (1: ON / 0: OFF) : OFF	This option enables calls to Guest room from Office stations. If this is set to 'OFF', Office stations are not able to make a call to Guest rooms.	0: OFF 1: ON	OFF
2	OFFICE TO SVC STA (1: ON / 0: OFF) : OFF	This option enables calls to Service station from Office stations. If this is set to 'OFF', Office stations are not able to make a call to Service stations.	0: OFF 1: ON	OFF
3	OFFICE TO FRONT-DESK (1: ON / 0: OFF) : OFF	This option enables calls to Front-Desk from Office stations. If this is set to 'OFF', Office stations are not able to make a call to Front-Desks.	0: OFF 1: ON	OFF
4	GUEST ROOM TO OFFICE (1: ON / 0: OFF) : OFF	This option enables calls to Office station from Guest rooms. If this is set to 'OFF', Guest rooms are not able to make a call to Office stations.	0: OFF 1: ON	OFF
5	SVC STA TO OFFICE (1: ON / 0: OFF) : OFF	This option enables calls to Office station from Service stations. If this is set to 'OFF', Service stations are not able to make a call to Office stations.	0: OFF 1: ON	OFF
6	FRONT-DESK TO OFFICE (1: ON / 0: OFF) : OFF	This option enables calls to Office station from Front-Desks. If this is set to 'OFF', Front-Desks are not able to make a call to Office stations.	0: OFF 1: ON	OFF

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
7	BASE TIME IN ROOM RATE (00-23) : 00	This value is used to decide the staying days when a Guest room is checked out. Example) If Base Time is 10 o'clock, then the total staying days are 3 days in the following case. Check-In time : March 1, 10 AM Check-Out time : March 2, 12 AM That is, check-in before Base time and check-out after Base time is considered as one extra day.	00-23 (o'clock)	00
8	CHECK IN/OUT PRINT (1: ON / 0: OFF) : OFF	If this option is set to 'OFF', Check-In/Out information is not printed out when a guest is checked in or checked out. This option also controls the print-out of Room charge and Room status which are Front-Desk station menu.	0: OFF 1: ON	OFF
9	ECHO MODE PRINT (1: ON / 0: OFF) : OFF	If this is set to 'ON', a room charge data is displayed in Echo mode when a front-desk makes it printed out in simple mode.	0: OFF 1: ON	OFF
10	TOLL CHARGE TO ROOM (1: ON / 0: OFF) : OFF	If this option is set to 'ON', calls transferred to a guest room from a service station are charged to the guest room.	0: OFF 1: ON	OFF
11	METHOD OF PAYMENT ENTER BIN NO (0-9)	You can program a string for Method of Payment which is printed when guests are checked out. Total 10 different strings can be programmed.	Max 7 Characters	Empty
12	DROP WHEN EMPTY PREPAID (1:ON/0:OFF) : OFF	If enabled, call will be dropped when prepaid money is consumed completely.	0:OFF 1:ON	OFF
13	CHECK-OUT CUT OFF (1:ON/0:OFF) : OFF	If enabled, PGM502-F6 "Cut Off" is set to 'ON' when a guest room is checked out.	0:OFF 1:ON	OFF

2.3.16.3 Hotel Station Info – PGM Code 502

In this program menu, you can configure the attributes of DN for hotel features.

Some attributes of them are usually configured in Check-In procedure.

Table 2.3.16.3-1 HOTEL STATION INFO (PGM 502)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	HOTEL SVC TYPE (0-3) : OFFICE	Select the hotel station type of a DN for your purpose. If this hotel station type is changed, the name of DN will be set to the default.	0: OFFICE 1: GUEST 2: SVC STA 3: FRONT	OFFICE
2	CHECK-IN STATUS (0-1) : CHECK-OUT	This field only shows the current check-in status of a Guest room. This is not allowed to be changed in this PGM menu.		
3	INTERCOM ENABLE (1: EN / 0: DIS) : DISABLE	If this field is ON, guest rooms can make an internal call to other rooms. If this field is OFF, only guest rooms with the same PMS group ID can call each other.	0:DISABLE 1:ENABLE	DISABLE
4	GUEST TYPE (0-1) : NON VIP	If a guest room is VIP, it is able to use privileged VIP feature.	0: NON VIP 1: VIP	NON VIP
5	ROOM STATUS (1-7) : TO BE CLEANED	You can configure the maid status of a guest room to one of the followings. 1 : TO BE CLEANED 2 : UNDER CLEANING 3 : READY FOR SALE 4 : OUT OF SERVICE 5 : UNDER REPAIR 6 : REPAIR COMPLETE 7 : ROOM OCCUPIED	1-7	TO BE CLEANED
6	CUT OFF (1: ON / 0: OFF) : OFF	If this field is set to 'ON', a guest room is not allowed to make an outgoing call.	0: OFF 1: ON	OFF
7	PMS GROUP ID (00000-10000) : 00000	Even though Intercom call is disabled, guest rooms can call each other if they have the same PMS group ID.	0-10000	0
8	CHECK-OUT (MMDDYYYY:HH) 00/00/0000:00	This filed means the check-out schedule of a guest room.		00/00/0000:00
9	BATH ALARM (1: ON / 0: OFF) : OFF	With this option, Bath Alarm function is enabled.	0: OFF 1: ON	OFF

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
10	ROOM MONITOR (1: ON / 0: OFF) : OFF	If this option is set to 'ON' for a guest room, the room can be monitored by another station when it is checked-in.	0: OFF 1: ON	OFF
11	ROOM CLASS (01-20) : 01	Room class can be assigned to each room. Room class is used to calculate room charge based on the rate of room class. This Room Class index is linked with Rate for Room Class Admin PGM503	1-20	1
12	CALL CHANGE RATE BIN (1-6) : .	Call charge rate bin number can be assigned to each room. This Call Charge Rate index is linked with Rate for Call Charge Rate Admin PGM504	1-6	Not assigned

2.3.16.4 Rate For Room Class – PGM Code 503

This feature allows the operator to assign room type name, room cost and part time fees. This information is used to calculate room charge when a guest check out.

PROCEDURE:	
RATE FOR ROOM CLASS ENTER CLASS NO (01-20)	1. Press the **[PGM]** button and dial 503.
ROOM CLASS 01 PRESS FLEX KEY (1-3)	2. Dial Room Class No (01-20).
	3. Press the Flex button (1-3).
	4. Use the dial-pad to enter desired data.
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.16.4-1 RATE FOR ROOM CLASS (PGM 503)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	01 ROOM TYPE NAME	Title for room class	Max 6 characters	
2	01 ROOM COST (0-9999999) : 0	Cost for room class	0-9999999	
3	01 PART TIME BIN	Part time table no for part time fee.		

2.3.16.5 Call Charge Rate – PGM Code 504

Hotel Call Charge Rate can be adjusted (refer to Table for setting values).

PROCEDURE:	
CALL CHARGE RATE ENTER BIN NO (1-6)	1. Press the **[PGM]** button and dial 504.
CALL CHARGE RATE: 1 …%.....	2. Dial the Bin number (1-6) for the desired Index.
See the following table DISPLAY	3. Press the Flex button 1 for the Call Charge Rate attribute and Flex button 2 for the Name attribute of the Call Charge Rate (refer to Table).
	4. Use the dial-pad to enter desired data for the Attribute.
	5. Press the **[SAVE]** button to store the data entered.

Table 2.3.16.5-1 CALL CHARGE RATE (PGM 504)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	1: PERCENT OF CHARGE …%	Percent of call charge.	000-999	Not assigned
2	1: NAME OF CHARGE RATE ……	Refer to Table 2.1.2-1 for alphanumeric dial-pad enteries.	6 characters	Not assigned

2.3.16.6 MiniBar List – PGM Code 505

This feature is for bar item iPECS-MG system supports 100 bar/mini-bar items.

PROCEDURE:	
MINIBAR LIST ENTER BIN NO (001-100)	1. Press the **[PGM]** button and dial 505.
MINIBAT LIST 001 PRESS FLEX KEY (1-3)	2. Dial Bar Code (001-100).
	3. Press the Flex button (1-3)
	4. Use the dial-pad to enter desired data.
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.16.6-1 MINIBAR LIST (PGM 505)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	001 NAME OF BAR ITEM ……	Name of Mini Bar item	Max 12 characters	
2	001 COST OF BAR ITEM (0-999999) : 0	Cost of Mini Bar Item	0-999999	0
3	001 BIN NO OF TAX (1-5) : 1	Tax rate index of Mini Bar item This Call Tax Rate index is linked with Tax Rate for bill Admin PGM505	1-5	1

2.3.16.7 Tax Rate For Bill – PGM Code 506

Hotel Tax Rate for Bill can be adjusted (refer to Table for setting values).

PROCEDURE:	
TAX RATE FOR BILL ENTER BIN NO (1-5)	1. Press the **[PGM]** button and dial 506.
TAX RATE FOR BILL 1 00.00%	2. Dial the bin number (1-5) for the desired Index.
TAX RATE FOR BILL 1 10.00%	3. Use the dial-pad to enter desired data for the Attributes. (Range: 00.00-99.99)
	4. Press the **[SAVE]** button to store the data entry.

2.3.16.8 Fee For Part Time – PGM Code 507

In case the day of check-in is the same as the day of check-out, a part time fee may be assessed according to the room type of checked in room or hotel policy. Each room type may have up to 6 fields for different part-time ranges and fees. There are 32 fields available to program part time range and fee in entire hotel system.

PROCEDURE:	
FEE FOR PART TIME ENTER BIN NO (01-32)	1. Press the **[PGM]** button and dial 507.
01 PART TIME FEE F1-F3 ..,,…%.....	2. Dial Part tim bin number (01-32).
	3. Press the Flex button (1-3).
	4. Use the dial-pad to enter desired data.
	5. Press the **[SAVE]** button to store the data entry.

Table 2.3.16.8-1 FEE FOR PART TIME (PGM 507)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE	DEFAULT
1	01 PART TIME RANGE ..-..	The time range when will be applied part time.		
2	01 RATE (000-100) : …%	Rate for original room change.	000-100	
3	01 REMARK ……	Title for part time rate.	Max. 12 characters	

2.3.16.9 One Digit Service – PGM Code 508

One digit dial server can be adjusted (refer to Table for setting values).

PROCEDURE:	
ONE DIGIT SERVICE PRESS FLEX KEY (01-12)	1. Press the **[PGM]** button and dial 508.
See the following table DISPLAY	2. Press the Flex button for the desired Attribute (refer to Table).
	3. Use the dial-pad to enter desired data for the Attribute.
	4. Press the **[SAVE]** button to store the data entered.

Table 2.3.16.9-1 ONE DIGIT SERVICE (PGM 508)

BTN	ATTRIBUTE/DISPLAY	DESCRIPTION	RANGE
1	ONE DIGIT SERVICE INPUT 1 : ……..	Determines the destination number for digit “1”. Feature code/ Group no./ STA no(Front Desk, Service Station, etc)	Max 8 Digits
2	ONE DIGIT SERVICE INPUT 2 : ……..	Determines the destination number for digit “2”. Feature code/ Group no./ STA no(Front Desk, Service Station, etc)	Max 8 Digits
3	ONE DIGIT SERVICE INPUT 3 : ……...	Determines the destination number for digit “3”. Feature code/ Group no./ STA no(Front Desk, Service Station, etc)	Max 8 Digits
4	ONE DIGIT SERVICE INPUT 4 : ……..	Determines the destination number for digit “4”. Feature code/ Group no./ STA no(Front Desk, Service Station, etc)	Max 8 Digits
5	ONE DIGIT SERVICE INPUT 5 : ……	Determines the destination number for digit “5”. Feature code/ Group no./ STA no(Front Desk, Service Station, etc)	Max 8 Digits
6	ONE DIGIT SERVICE INPUT 6 : …….	Determines the destination number for digit “6”. Feature code/ Group no./ STA no(Front Desk, Service Station, etc)	Max 8 Digits
7	ONE DIGIT SERVICE INPUT 7 : ……..	Determines the destination number for digit “7”. Feature code/ Group no./ STA no(Front Desk, Service Station, etc)	Max 8 Digits
8	ONE DIGIT SERVICE INPUT 8 : …….	Determines the destination number for digit “8”. Feature code/ Group no./ STA no(Front Desk, Service Station, etc)	Max 8 Digits
9	ONE DIGIT SERVICE INPUT 9 : ……..	Determines the destination number for digit “9”. Feature code/ Group no./ STA no(Front Desk, Service Station, etc)	Max 8 Digits
10	ONE DIGIT SERVICE INPUT 10 : ……..	Determines the destination number for digit “0”. Feature code/ Group no./ STA no(Front Desk, Service Station, etc)	Max 8 Digits
11	ONE DIGIT SERVICE INPUT 11 : …….	Determines the destination number for digit “*”. Feature code/ Group no./ STA no(Front Desk, Service Station, etc)	Max 8 Digits
12	ONE DIGIT SERVICE INPUT 12 : ……	Determines the destination number for digit “#”. Feature code/ Group no./ STA no(Front Desk, Service Station, etc)	Max 8 Digits

3. APPENDIX

3.1 Database Index

The Database index (Table 3.1-1), is divided into groups of "**Programs**" based on specific characteristics associated with the data such as, Numbering Plans, Station oriented database entries or CO Line oriented values. These groupings are identified as the Program Group in Web Admin. The individual **Programs** are identified in the Table with the **Admin Station Program Code (PGM Code)** and a corresponding Web sub-menu and description.

Table 3.1-1 DATABASE INDEX

PROGRAM GROUP	PGM CODE	PGM NAME	WEB SUB−MENU
Pre−Programmed Data	100	Location Program	Location Program
	101	Slot Assignment	Slot Assignment
	103	Logical Slot Assignment	Logical Slot Assignment
	104	DECT/IP/SIP MAX Port	DECT/IP/SIP MAX Port
	106	IP−Phone/Phontage Registration	IP−Phone Registration
	107	DTIM/SLTM Registration	DTIM/SLTM Registration
	108	IP Address Plan	IP Address Plan
	109	System Info Display	
NUMBERING PLAN DATA	110	Numbering Plan Type	Numbering Plan Type
	111	System Numbering Plan	System Numbering Plan
	112	Flexible Station Number	Flexible Station Number
	113	Feature Numbering Plan	Feature Numbering Plan
	114	CO Group Access Code	CO Group Access Code
	115	Station Group Number	Station Group Number
	118	ACD Group Number	ACD Group Number
STATION PORT DATA	120	Station Type Information	Station Type
	121	Station Port Attribute 1	Station Port Attribute
	122	Station Port Attribute 2	
	123	Station Port Attribute 3	
	124	Station Port Attribute 4	
	126	Station Flexible Button Assignment	Flexible Button Assignment
	Web only		CTI IP Address

PROGRAM GROUP	PGM CODE	PGM NAME	WEB SUB-MENU
STATION NUMBER DATA	130	Station DN Number	Station DN Assignment
	131	Station Number Attribute 1	Station DN Attribute
	132	Station Number Attribute 2	
	133	Station Number Attribute 3	
	134	Station Number Attribute 4	
	135	Station CLI Attribute	
	137	Station COS Attribute	COS Assignment
	138	Station Auto Dial Attribute	Auto Dial Attribute
	142	Station Preset Call Forward	Preset Call Forward
	143	Station Forward Set	Call Forward
	145	Station VMIB Attribute	VMIB Attribute
	146	Station Mobile Extension	Mobile Extension Attribute
	147	Station New VMIB Attribute	VMIB Attribute
	150	Station CO Group Access	CO/IP Group Access
	151	Station Page Group Access	Page Group Access
	152	Command Call Group Access	Command Group Access
	Web only		Station Name Display
	Web only		Prepaid Money Input
CO LINE DATA	160	CO Line Attribute 1	CO Line Attribute
	161	CO Line Attribute 2	
	162	CO Line Attribute 3	
	163	CO CID Attribute	
	165	Incoming CO Attribute 1	Incoming CO Attribute
	166	Incoming CO Attribute 2	
	167	CO Ring Assignment	CO Ring Assignment
	168	Incoming CO Normal/DISA Attribute	Normal/DISA CO Attribute
	169	Incoming CO Alternative Destination	Incoming CO Alternative
	170	Outgoing CO Attribute 1	Outgoing CO Attribute
	171	Outgoing CO Attribute 2	
	173	Outgoing CO Alternative Destination	Outgoing CO Alternative
	174	CO Inter Digit Timer	CO Inter Digit Timer
	175	DTMF Sending Delay Timer	DTMF Send Interval
	177	CO COS Assignment	CO COS Assignment
	179	CO to CO Attribute	CO-to-CO Attribute
	180	CO Group Access Code Attribute	CO Group Access Code
	181	Alternative Ring Table	Alternative Ring Table

PROGRAM GROUP	PGM CODE	PGM NAME	WEB SUB-MENU
STATION GROUP DATA	200	Station Group Assign	Station Group Assign
	201	Greeting/Queuing Attribute	Station Group Attribute
	202	Station Group Attribute	
	203	VM Group Attribute	Voice Mail Group
	204	Pickup group Index	Call Pick-up Group
	205	Page group Index	Page Group
	206	Command Conference Group Index	Command Conference Group
	208	PTT Group Index	PTT Group
	209	Interphone Group Index	Interphone Group
	210	Pilot Hunt Group Index	Pilot Hunt Group
	211	Pilot Hunt Group Forward	
	212	ACD Group Assign	ACD Group Assignment
	213	ACD Group Attribute 1	ACD Group Attribute
	214	ACD Group Attribute 2	
	215	ACD Group Announcement	ACD Group Announcement
	Web Only		ACD agent State & Priority
SYSTEM DATA	220	System Timer 1	System Timer
	221	System Timer 2	
	222	System Timer 3	
	223	System Attribute	System Attribute
	226	System Password	System Password
	227	System Alarm Attribute	Alarm Attribute
	228	External Control Contact	External Control Contact
	229	Music Assign	Music Source
	230	RS232 Port Setting	RS232 Setting
	231	Print Port Selection	Serial Port Selection
	232	SMDR Attribute	SMDR Attribute
	233	Set System Time/Date	System Time/Date
	234	LED Color/Flash Rate	LED Flashing Rate
	235	PPP Attribute	PPP Attribute
	236	Mobile Attribute	Mobile Attribute
	237	One-Digit Service	Intercom Busy Table
	238	SMDR Cost Attribute	SMDR Attribute
	240	Dummy Dial Tone Digit	Dial Tone Digit Table
	241	Executive/Secretary Assign	Executive/Secretary Assign
	242	Executive/ Executive Access	Executive Access
	243	VM COS Attribute	VM COS Attribute
	244	System Alt Reroute Dest	System Reroute Table
	Web only		PPTP Attribute
	Web only		Web Access Authorization

PROGRAM GROUP	PGM CODE	PGM NAME	WEB SUB-MENU
TABLE DATA	250	Toll Exception Table	Toll Exception Table
	251	Digit Conversion Table	Digit Conversion Table
	252	Digit Conversion Option	
	253	Time Table Attribute	System Time Table
	254	Weekly Time Table	
	255	LCR Time Table Attribute	LCR Time Table
	256	Holiday Time Table	Holiday Time Table
	257	System Speed Dial Table	System Speed Dial
	258	Emergency Code Table	Emergency Code Table
	259	Announcement Table	Announcement Table
	260	Custom Call Routing	CCR Table
	261	Authorization Code Table	Auth. Code Table
	262	ICLID Table	ICLID Table
	263	CLI Conversion Table	CLI Conversion Table
	Web only		Tone Frequency/Cadence
	Web only		Ring Table
	Web only		Ring Frequency/Cadence
	267	ICLID Exception Table	ICLID Exception Table
	Web only		R2 Signal Group Table
	269	Voice Mail Dialing Table	Voice Mail Dial Table
	750	Virtual CLI Table	Virtual CLI Table
	751	Virtual Subscriber Table	Virtual Subscriber Table
TENANT DATA	270	Attendant Group Assignment	Attendant Group Assignment
	271	Attendant Group Greeting/Queuing Attribute	Attendant Group Attribute
	272	Attendant Group Attribute	
	275	Night Attendant Group Assignment	Night Attendant Group Assignment
	276	Night Attendant Group Greeting/Queuing Attribute	Night Attendant Group Attribute
	277	Night Attendant Group Attribute	
	280	Tenant Attribute 1	Tenant Attribute
	281	Tenant Attribute 2	
	283	Tenant Group Access	Tenant Group Access
	284	Call Restriction 1	Call Restriction
	285	Call Restriction 2	
	284	Call Restriction Restriction 1	CO Call Restriction
	285	Call Restriction Restriction 2	

PROGRAM GROUP	PGM CODE	PGM NAME	WEB SUB-MENU
TENANT DATA	286	Local Call Prefix Table	Local Call Prefix Table
	287	Long Call Prefix Table	Long Call Prefix Table
	288	International Call Prefix Table	International Call Prefix Table
	289	Mobile Call Prefix Table	Mobile Call Prefix Table
	290	Tenant Tone Table	Tone Table
BOARD DATA	300	ISDN Board Attribute	ISDN Board Attribute
	301	ISDN Clock Priority	ISDN Clock Priority
	305	VOIB/VMIB Board Attribute	VOIB/VMIB Board Attribute
	310	Reset Board	Reset Board
VOICE NETWORK DATA	320	Network Attributes	Network Attributes
	321	Network Numbering	Network Numbering
T-NET Data	330	TNET Basic Attributes	TNET Attributes
	331	TNET CM Attributes	CM Attributes
	333	FoPSTN Attributes	FoPSTN Attribute
	334	Board T-Net Attributes	T-Net Board Attribute
	335	IP Phone T-Net Enable	IP-Phone T-Net Attribute
H.323 DATA	360	H.323 Routing Attribute	H.323 Routing Attribute
	361	H.323 Call Setup Attribute	H.323 Call Attribute
	362	H.323 Incoming Attribute	H.323 Incoming Attribute
	363	GK Setup Info	GK Attribute
SIP CO DATA	Web only		SIP CO Basic Registration
	Web only		SIP CO Additional Registration
	Web only		SIP CO Codec
	Web only		SIP CO User ID Table
SIP STATION DATA	Web only		SIP Station Basic Registration
	Web only		SIP Station Additional Registration
	Web only		SIP Station Service
ZONE DATA	Web only		Zone Attribute
	Web only		Zone RTP Relay Group
	Web only		Inter Zone Attribute
	Web only		Station Zone Attribute
SNMP DATA	Web only		SNMP Data
DECT DATA	Web only		DECT Registration
	491	DECT Attribute	DECT Attribute
GREEN MODE	Web only		Green Mode Activation
	Web only		Green Mode Time Setting

PROGRAM GROUP	PGM CODE	PGM NAME	WEB SUB-MENU
NATION SPECIFIC	400	DKT RX Gain	TDM Gain
	401	SLT RX Gain	
	402	DECT RX Gain	
	403	IP-Phone RX Gain	
	404	ACO RX Gain	
	405	DCO RX Gain	
	406	VMIB RX Gain	
	407	External Page RX Gain	
	415	DSP RX Gain	DSP Gain
	420	SLTM RX RTP Gain	RTP Gain
	421	DTIM RX Handset RTP Gain	
	422	DTIM RX Handsfree RTP Gain	
	423	LIP RX Handset RTP Gain	
	424	LIP RX Handsfree RTP Gain	
	425	WIT RX RTP Gain	
	426	VOIB RX RTP Gain	
	430	SLTM TX RTP Gain	
	431	DTIM TX Handset RTP Gain	
	432	DTIM TX Handsfree RTP Gain	
	433	LIP TX Handset RTP Gain	
	434	LIP TX handsfree RTP Gain	
	435	WIT TX RTP Gain	
	436	VOIB TX RTP Gain	
	440	SLT Ring Cadence	SLT Ring Cadence
	441	ACNR Tone Cadence	ACNR Tone Cadence
INITIALIZATION	499	Initialization	Initialization
HOTEL DATA	500	Hotel General Info	Hotel General Info
	501	Hotel Additional Info	Hotel Additional Info
	502	Hotel Station Info	Hotel Station Info
	503	Rate For Room Class	Rate For Room Class
	504	Call Charge Rate	Call Charge Rate
	505	MiniBar List	Bar/MiniBar List
	506	Tax Rate For Bill	Tax Rate For Bill
	507	Fee For Part Time	Fee For Part Time
	508	One Digit Service	Dial One Digit Service
	Web Only		Check-In/Out
	Web Only		Display Room Charge
	Web Only		Bar Cost Charge

3.2 Default Numbering Plan

The Default Numbering Plan can be selected from 1 of 6 Base Numbering Plans (Table 3.2-1 and Table 3.2-2). The Number Plan can be changed using the Numbering Plan Programs, PROGRAM CODES 110 to 114.

Table 3.2-1 BASIC NUMBER

NO	NAME	NUM SET 1	NUM SET 2	NUM SET 3	REMARK
1	Station Number	100–473	100–699	1000–1647	
2	CO Group Access Code	1, 801–872 **(MG-300)** 801–824 **(MG-100)**	0, *801–*872 **(MG-300)** *801–*824 **(MG-100)**	9, 801–872 **(MG-300)** 801–824 **(MG-100)**	
3	Station Group Number	620–669 **(MG-300)** 620–639 **(MG-100)**	*620–*669 **(MG-300)** *620–*639 **(MG-100)**	620–669 **(MG-300)** 620–639 **(MG-100)**	

Table 3.2-2 BASIC NUMBER

NO	NAME	NUM SET 4	NUM SET 5	NUM SET 6	REMARK
1	Station Number	7000–7647	2000–2647	2000–2647	
2	CO Group Access Code	1, 401–472 **(MG-300)** 401–424 **(MG-100)**	0, 801–872 **(MG-300)** 801–824 **(MG-100)**	0, 801–872 **(MG-300)** 801–824 **(MG-100)**	
3	Station Group Number	620–669 **(MG-300)** 620–639 **(MG-100)**	620–669 **(MG-300)** 620–639 **(MG-100)**	*620–*669 **(MG-300)** *620–*639 **(MG-100)**	

Table 3.2-3 FEATURE CODE

NO	FEATURE NAME	NUM SET 1	NUM SET 2	NUM SET 3	REMARK
1	Attendant Call	0	*9	0	
2	Conference Room 1	571	*571	571	
3	Conference Room 2	572	*572	572	
4	Conference Room 3	573	*573	573	
5	Conference Room 4	574	*574	574	
6	Conference Room 5	575	*575	575	
7	Conference Room 6	576	*576	576	
8	Conference Room 7	577	*577	577	
9	Conference Room 8	578	*578	578	
10	Conference Room 9	579	*579	579	
11	Internal Page	543	*543	543	543 + 00, xx 00: All Call Page Xx: Page Group #
12	Personal VM Page	544	*544	544	
13	Announcement Page For Attendant	545	*545	545	
14	Page Auto Answer	546	*546	546	
15	Internal Page Answer (Meet-Me Page)	547	*547	547	
16	External Page	548	*548	548	
17	Internal-External Page All	549	*549	549	
18	Call Forward Register	554	*554	554	554 + Type + Destination
19	Pilot Hunt Call Forward Register	514	*514	514	514 + Type + Destination
20	Pilot Hunt Call Forward Cancel	515	*515	515	
21	DND Status Change	516	*516	516	
22	DND Delete	517	*517	517	
23	Account Code	550	*550	550	
24	CO Flash	551	*551	551	
25	Last Number Redial	552	*552	552	
26	Station Speed PGM	553	*553	553	
27	Speed Dial	555	*555	555	
28	MWI Register	556	*556	556	
29	MWI Answer	557	*557	557	
30	Reserved Feature Code				
31	Call Back Register	518	*518	518	
32	Call Back Cancel	519	*519	519	

NO	FEATURE NAME	NUM SET 1	NUM SET 2	NUM SET 3	REMARK
33	Group Call Pickup	566	*566	566	
34	Direct Call Pickup	7	*7	7	
35	Walking COS	520	*520	520	
36	Call Parking Location	541	*541	541	541 + xx Xx: Parking Location (00–49)
37	PGM Mode Access	521	*521	521	
38	Two-Way Record	522	*522	522	
39	VMIB Access	523	*523	523	
40	AME Access	524	*524	524	
41	CO Line Access	88	*88	88	88 + xxx Xxx: CO Line # (001–200 : MG-300 01–80 : MG-100)
42	VM MWI Enable	*8	*5#8	*8	
43	VM MWI Cancel	*9	*5#9	*9	
44	MCID Request	*0	*5#0	*0	
45	Unsupervised Conf Extend	5##	*5##	5##	
46	PTT Group Access	538	*538	538	524 + (0–9,*) 0–9: PTT Group # *: Log out
47	Hot Desk Log In/Log out	525	*525	525	
48	Name Register	526	*526	526	
49	Create Conf Room	527	*527	527	527 + Conf. Room #
50	Delete Conf Room	528	*528	528	528 + Conf. Room #
51	Wake Up Register	529	*529	529	529 + HH: MM
52	Wake Up Cancel	530	*530	530	
53	Temporarily COS Down	531	*531	531	
54	Cancel Temp COS Down	532	*532	532	
55	Password Change	533	*533	533	
56	Inter-Phone Group Access	534	*534	534	
57	Call Wait Request	535	*535	535	
58	Preselected MSG PGM	536	*536	536	
59	Forced Handsfree Call	537	*537	537	
60	Call Based CLIR	582	*582	582	
61	CLIR Access	583	*583	583	
62	COLR Access	584	*584	584	
63	Pilot Hunt Call	585	*585	585	
64	Command Call Oneway	581	*581	581	

NO	FEATURE NAME	NUM SET 1	NUM SET 2	NUM SET 3	REMARK
65	Command Call Conf	580	*580	580	
66	Intrude Register	589	*589	589	
67	Camp On Register	590	*590	590	
68	OHVO Register	591	*591	591	
69	Mobile Num Register	592	*592	592	
70	Mobile CLI Register	593	*593	593	
71	Mobile Access	594	*594	594	
72	CCR Access	670	*670	670	
73	CCR Access And Drop	671	*671	671	
74	System Hold	560	*560	560	
75	Reserved Feature Code				
76	Sys Memo	675	*675	675	
77	DISA Tone Service	678	*678	678	
78	All Feature Cancel	679	679	679	
79	Add Conf Member	680	*680	680	
80	System Alarm Reset	565	*565	565	
81	Fault Alarm Reset	564	*564	564	
82	Door Open	#*1	#*1	#*1	
83	Keypad Facility	##*	##*	##*	
84	T-Net Log-In/Out	586	*586	586	
85	Universal Answer	587	*587	587	
86	USB Call Record	588	*588	588	
87	Delete All VM Message	681	*681	681	
88	VM Page Message Record	682	*682	682	
89	Direct VM Transfer	683	*683	683	
90	Loop Key	684	*684	684	
91	Call Log	685	*685	685	
92	ACD Agent Login/Logout	550	*500	500	
93	ACD Agent DND	501	*501	501	
94	ACD Agent Work Mode	502	*502	502	
95	ACD Agent Auto Work	503	*503	503	
96	ACD Agent Auto Answer	504	504	504	
97	ACD Call Indication	508	*508	508	
98	NON ACD Call Indication	509	*509	509	
99	ACD Supervisor Group Call Forward	890	*890	890	
100	ACD Supervisor Group Night Mode	891	*891	891	
101	ACD Supervisor Group Holiday Mode	892	*892	892	
102	ACD Supervisor Queued Call Answer	895	*895	895	
103	ACD Supervisor Agent State Check	896	*896	896	
104	ACD Supervisor Silent	897	*897	897	

NO	FEATURE NAME	NUM SET 1	NUM SET 2	NUM SET 3	REMARK
	Monitor				
105	ACD Supervisor Traffic Check	898	*898	898	
106	ACD Announce Play	899	*899	899	
107	Day/Night Program	513	*513	513	
108	DID/DISA Restriction	686	*686	686	
109	Company Directory	539	*539	539	
110	Outcall Notification	596	*596	596	
111	Outcall Attempts	597	*597	597	
112	Outcall Interval	598	*598	598	
113	Outcall Phone Number	599	*599	599	
114	Bath Alarm Reset	#10	#10	#10	
115	Hotel Maid Status	#11	#11	#11	
116	Hotel MiniBar	#12	#12	#12	
117	Hotel Guest Info Display	#13	#13	#13	
118	Hotel Room Monitor	#14	#14	#14	
119	Hotel Form Feed	#15	#15	#15	
120	Hotel VIP Wake Up	#16	#16	#16	
121	Call Forward Cancel	#17	#17	#17	
122	Device BLF Indication	#18	#18	#18	
123	Group Call Forward Register	#19	#19	#19	
124	Group Call Forward Cancel	#20	#20	#20	
125	Subscriber Answer Greeting	#21	#21	#21	
126	Fail-Over-PSTN Forward Register	#22	#22	#22	
127	Fail-Over-PSTN Forward Cancel	#23	#23	#23	
128	Mobile Extension Status Change	595	595	595	
129	Group Call DND State Change	#24	#24	#24	
130	Held CO Retrieve	#25	#25	#25	
131	Auto Call Record Mode	#26	#26	#26	
132	Override (Hold)	#27	#27	#27	
133	Override (Disconnect)	#28	#28	#28	
134	Prepaid Money Registration	#29	#29	#29	

Table 3.2-4 FEATURE CODE

NO	FEATURE NAME	NUM SET 4	NUM SET 5	NUM SET 6	REMARK
1	Attendant Call	0	9	#9	
2	Conference Room 1	571	571	*571	
3	Conference Room 2	572	572	*572	
4	Conference Room 3	573	573	*573	
5	Conference Room 4	574	574	*574	
6	Conference Room 5	575	575	*575	
7	Conference Room 6	576	576	*576	
8	Conference Room 7	577	577	*577	
9	Conference Room 8	578	578	*578	
10	Conference Room 9	579	579	*579	
11	Internal Page	543	543	*543	543 + 00, xx 00: All Call Page Xx: Page Group #
12	Personal VM Page	544	544	*544	
13	Announcement Page For Attendant	545	545	*545	
14	Page Auto Answer	546	546	*546	
15	Internal Page Answer (Meet-Me Page)	547	547	*547	
16	External Page	548	548	*548	
17	Internal-External Page All	549	549	*549	
18	Call Forward Register	554	554	*554	554 + Type + Destination
19	Pilot Hunt Call Forward Register	514	514	*514	514 + Type + Destination
20	Pilot Hunt Call Forward Cancel	515	515	*515	
21	DND Status Change	516	516	*516	
22	DND Delete	517	517	*517	
23	Account Code	550	550	*550	
24	CO Flash	551	551	*551	
25	Last Number Redial	552	552	*552	
26	Station Speed PGM	553	553	*553	
27	Speed Dial	555	555	*555	
28	MWI Register	557	556	*556	
29	MWI Answer	558	557	*557	
30	Reserved Feature Code				
31	Call Back Register	518	518	*518	
32	Call Back Cancel	519	519	*519	

NO	FEATURE NAME	NUM SET 4	NUM SET 5	NUM SET 6	REMARK
33	Group Call Pickup	**	566	*566	
34	Direct Call Pickup	*7	7	*7	
35	Walking COS	520	520	*520	
36	Call Parking Location	541	541	*541	541 + xx Xx: Parking Location (00 – 49)
37	PGM Mode Access	521	521	*521	
38	Two-Way Record	522	522	*522	
39	VMIB Access	523	523	*523	
40	AME Access	524	524	*524	
41	CO Line Access	88	88	88	88 + xxx Xxx: CO Line # (001–200 : MG-300 01–80 : MG-100)
42	VM MWI Enable	*8	*8	*5#8	
43	VM MWI Cancel	*9	*9	*5#9	
44	MCID Request	*0	*0	*5#0	
45	Unsupervised Conf Extend	5##	5##	*5##	
46	PTT Group Access	538	538	*538	524 + (0–9,*) 0–9: PTT Group # *: Log out
47	Hot Desk Log In/Log out	525	525	*525	
48	Name Register	526	526	*526	
49	Create Conf Room	527	527	*527	527 + Conf. Room #
50	Delete Conf Room	528	528	*528	528 + Conf. Room #
51	Wake Up Register	529	529	*529	529 + HH: MM
52	Wake Up Cancel	530	530	*530	
53	Temporarily COS Down	531	531	*531	
54	Cancel Temp COS Down	532	532	*532	
55	Password Change	533	533	*533	
56	Inter-Phone Group Access	534	534	*534	
57	Call Wait Request	535	535	*535	
58	Preselected MSG PGM	536	536	*536	
59	Forced Handsfree Call	537	537	*537	
60	Call Based CLIR	582	582	*582	
61	CLIR Access	583	583	*583	
62	COLR Access	584	584	*584	
63	Pilot Hunt Call	585	585	*585	
64	Command Call Oneway	581	581	*581	

NO	FEATURE NAME	NUM SET 4	NUM SET 5	NUM SET 6	REMARK
65	Command Call Conf	580	580	*580	
66	Intrude Register	589	589	*589	
67	Camp On Register	590	590	*590	
68	OHVO Register	591	591	*591	
69	Mobile Num Register	592	592	*592	
70	Mobile CLI Register	593	593	*593	
71	Mobile Access	594	594	*594	
72	CCR Access	670	670	*670	
73	CCR Access And Drop	671	671	*671	
74	System Hold	560	560	*560	
75	Reserved Feature Code				
76	Sys Memo	675	675	*675	
77	DISA Tone Service	678	678	*678	
78	All Feature Cancel	679	679	*679	
79	Add Conf Member	680	680	*680	
80	System Alarm Reset	565	565	*565	
81	Fault Alarm Reset	564	564	*564	
82	Door Open	#*1	#*1	#*1	
83	Keypad Facility	##*	##*	##*	
84	T-Net Log-In/Out	586	586	*586	
85	Universal Answer	587	587	*587	
86	USB Call Record	588	588	*588	
87	Delete All VM Message	681	681	*681	
88	VM Page Message Record	682	682	*682	
89	Direct VM Transfer	683	683	*683	
90	Loop Key	684	684	*684	
91	Call Log	685	685	*685	
92	ACD Agent Login/Logout	500	500	*500	
93	ACD Agent Work Mode	501	501	*501	
94	ACD Agent Auto Mode	502	502	*502	
95	ACD Agent Auto Work	503	503	*503	
96	ACD Agent Auto Answer	504	504	*504	
97	ACD Call Indication	508	508	*508	
98	NON ACD Call Indication	509	509	*509	
99	ACD Supervisor Group Night Mode	890	890	*890	
100	ACD Supervisor Group Mode	891	891	*891	
101	ACD Supervisor Group Holiday Mode	892	892	*892	
102	ACD Supervisor Queued Call Answer	895	895	*895	
103	ACD Supervisor Agent State Check	896	896	*896	
104	ACD Supervisor Slient Monitor	897	897	*897	

NO	FEATURE NAME	NUM SET 4	NUM SET 5	NUM SET 6	REMARK
105	ACD Supervisor Traffic Check	898	898	*898	
106	ACD Announce Play	899	899	*899	
107	Day/Night Program	513	513	*513	
108	DID/DISA Restriction	686	686	*686	
109	Company Directory	539	*539	539	
110	Outcall Notification	596	*596	596	
111	Outcall Attempts	597	*597	597	
112	Outcall Interval	598	*598	598	
113	Outcall Phone Number	599	*599	599	
114	Bath Alarm Reset	#10	#10	#10	
115	Hotel Maid Status	#11	#11	#11	
116	Hotel Mini Bar	#12	#12	#12	
117	Hotel Guest Info Display	#13	#13	#13	
118	Hotel Room Monitor	#14	#14	#14	
119	Hotel Form Feed	#15	#15	#15	
120	Hotel VIP Wake Up	#16	#16	#16	
121	Call Forward Cancel	#17	#17	#17	
122	Device BLF Indication	#18	#18	#18	
123	Group Call Forward Register	#19	#19	#19	
124	Group Call Forward Cancel	#20	#20	#20	
125	Subscriber Answer Greeting	#21	#21	#21	
126	Fail-Over-PSTN Forward Register	#22	#22	#22	
127	Fail-Over-PSTN Forward Cancel	#23	#23	#23	
128	Mobile Extension Status Change	595	595	595	
129	Group Call DND State Change	#24	#24	#24	
130	Held CO Retrieve	#25	#25	#25	
131	Auto Call Record Mode	#26	#26	#26	
132	Override (Hold)	#27	#27	#27	
133	Override (Disconnect)	#28	#28	#28	
134	Prepaid Money Registration	#29	#29	#29	

3.3 Fixed Function/User Program Codes

Fixed Function Codes (Table 3.3-1 and Table 3.3-2), are digit sequences users and the Attendant may dial while in the USER PROGRAM MODE (refer to the ***iPECS-MG Feature and Operation Manual***).

Table 3.3-1 STATION USER PROGRAM FIXED FUNCTION CODES

USER PGM CODE	DESCRIPTION	REMARK
11	Intercom Answer Mode	1: H, 2: T, 3: P
12 + Name	User Name Creation	2 digits for each character
13 + Time	Set Wake−up Alarm Time	HH/mm, 24−hour clock
14	Cancel Wake−up Alarm	
15	Set Display Language	00−14
16	LCD Date Mode Change	DD/MM/YY or MMDDYY
17	LCD Time Mode Change	12 Hour/24 Hour
18	Set Backlight	0−2
21	ICM Ring Type	
22	CO Ring Type	
23	Ring Download	LIP−Series Only
24	Back Ground Music	
31	Temporary COS	Auth. Code required
32	Retrieve COS	Auth. Code required
33	COS Override (Walking COS)	Auth. Code required
34	Register Password	
35	Call Log Protect	
36	SMS Message Protect	LIP−Series/LDP6000−Series
41 + MSG number [xx]	Set Pre−Defined Message.	0−9, MSG *: User Custom # Deactivation
42	Create a Station User Message	
43	Send SMS Message	LIP Series/LDP6000 Series
44	Receive SMS Message	LIP Series/LDP6000 Series
51 + x	Mobile Phone Activation	X=1−2
52 + x	Mobile Phone Registration	X=1−2
53 + x	Mobile CLI Number Registration	X=1−2
54	Mobile Service by CLI	1: ON / 0: OFF
55	Mobile Service CLI 1-5	
56 + Rm & Auth Code	Conf Room Start	
57 + Rm & Auth Code	Conf Room Close	
61	Speaker/Headset Mode	Speak/Headset/E−MIC
62	Headset Ring Mode	Speaker/Headset/Both
71	Register Station ICLID	
72	View Station ICLID	
73	Outcall Notification Enable	
74	Outcall Notification Attempts	

USER PGM CODE	DESCRIPTION	REMARK
75	Outcall Notification Interval	
76	Outcall Notification Number	
77	VM Forward Reroute Destination	
81	View IP Address	IP Phone/ DTIM/SLTM
82	View Mac Address	IP Phone/ DTIM/SLTM
83	View IP Phone Version	
80	Network Setting	LIP Series
91	System Version	
92	View System IP Address	

Table 3.3-2 ATTENDANT USER PROGRAM FIXED FUNCTION CODES

USER PGM CODE	ITEM DESCRIPTION	REMARK
01 SMDR		
011	PRINT STATION SMDR	Station Range
012	DELETE STATION SMDR	Station Range
013	PRINT NON-STATION BASE SMDR	
014	DELETE NON-STATION BASE S SMDR	
015	PRINT ALL SMDR	
016	DELETE ALL SMDR	
02 TRAFFIC		
021	PRINT TRAFFIC (TENANT)	
022	PRINT TRAFFIC (CALL TYPE)	
023	PRINT TRAFFIC (CO GRP)	
03 COS / PASSWORD		
031	TEMPORARY COS MODE	Station Range
032	RETRIEVE COS	Station Range
033	REGISTER PASSWORD	Station Range
034	CALL LOG PROTECT	Station Range
04 DATE / TIME		
041	SET SYSTEM DATE	
042	SET SYSTEM TIME	
043	LCD DATE MODE	Station Range
044	LCD TIME MODE	Station Range
045	SET WAKE UP	Station Range
046	RESET WAKE UP	Station Range
05 MULTI MESSAGE		

USER PGM CODE	ITEM DESCRIPTION	REMARK
051	PRESELECTED MESSAGE	Station Range, MSG No
052	SET USER MESSAGE	Station Range
06 VMIB ANNOUNCEMENT		
061	LISTEN VM ANNOUCEMENT	
062	RECORD VM ANNOUCEMENT	
07 USER PROGRAM		
071	STATION NAME	Station Range
072	LANGUAGE PROGRAM	Station Range
073	PREPAID CALL	Station Range
074	FEATURE CANCEL	Station Range
08 SYSTEM		
081	DAY/NIGHT PROGRAM	
082	MONITOR CONF ROOM	
083	FORCED DELETE CONF ROOM	
084	PPTP CONNECTION	Registered Server Number
09 USB		
091	SOFTWARE UPGRADE	
092	DB DOWNLOAD TO USB	
093	DB UPLOAD FROM USB	
094	VMIB MSG DOWNLOAD	
0# WTU SUBSCRIBE		
Hotel Room Check In		
#11	Check-In: VIP Room Setting	
#12	Check-In: LCD Language	
#13	Check-In: Voice Prompt	
#14	Check-In: Day COS	
#15	Check-In: Night COS	
#16	Check-In: Timed COS	
#17	Check-In: Digit Conversion Table	
#18	Check-In: Guest Name Setting	
#19	Check-In: PMS Group Setting	
#10	Check-In: Check-Out Schedule	
#1*	Check-In: Confirm	
Hotel Room Check Out		
#21	Check-Out: Payment Method	
#22	Check-Out: Confirm	
Hotel Room Check Block		
#31	Room Cut-Off	
#32	Room ICM Call	

USER PGM CODE	ITEM DESCRIPTION	REMARK
#33	One-time CO Call Use	
Hotel Room Setting		
#41	Room Wake Up Register	
#42	Room Wake Up Cancel	
#43	Room DND Setting	
#44	Room Message Wait	
#45	Room Bath Alarm Enable	
#46	Room Bath Alarm Disable	
#47	Room Author Code	
#48	Room Prepaid Money	
#5	Hotel Room Swap Setting	
#6	Hotel Room Maid Status	
Hotel Room Charge/Status		
#71	Room Charge Print	
#72	Room Status Print	
#73	Delete SMDR (Service Station)	
Hotel Room Rate		
#81	Room Rate Register	
#82	Room Rate Assign	
#83	Room Part Time Fee	
#84	Room Bar/Mini-Bar Charge	
#85	Additional Tax Fields	
Hotel Room Call Rate		
#91	Room Call Rate Register	
#92	Room Call Rate Assign	
#01	Hotel Name	
#02	Set Call Forward	

3.4 Default Values

The following Tables, are divided based on PROGRAM group and PROGRAM, and provide the default values assigned to all Admin entries. Prior to changing an entry during programming assure you have an understanding of the PROGRAM and its purpose.

Table 3.4-1 PRE-PROGRAMMED DATA

BTN	SUB-MENU	DEFAULT	REMARK
PGM Code: 100 – Location program			
1	Nation Code	82	Maximum 4 digits
2	Site Name		Maximum 24 characters
PGM Code 101 – Slot Assignment			
1	Slot		2 digits
2	DEVS		2 digits
PGM Code 103 – Logical Slot Assign			
1	COL		
2	STA		
3	VMIB		
PGM Code 104 – DECT/IP/SIP Max Port			
1	MAX NO OF DECT	8	000-192
2	MAX NO OF IP Phone	32	000-324
3	MAX NO OF SIP Phone	32	000-324
PGM Code 106 – IP-Phone/Phontage REG.			
1	MAC Address		
2	User ID		
3	User Password		
4	Station Number		
5	IP Address		
6	F/W IP Address		
7	RTP Security		
PGM Code 107 – DTIM/SLTM Registration.			
1	MAC Address		
2	Station Range		
3	IP Address		
4	F/W IP Address		
5	RTP Security		
PGM Code 108 – IP Address Plan			
1	IP Address	10.10.10.1	
2	Subnet mask	255.255.255.000	
3	Router IP Address	10.10.10.254	

Table 3.4-1 PRE-PROGRAMMED DATA

BTN	SUB-MENU	DEFAULT	REMARK
4	Firewall IP Address	0.0.0.0	
5	DNS IP Address	0.0.0.0	
6	H.323 port	1720	0000-9999
7	SIP Port	5060	0000-9999
8	DHCP Usage	OFF	
9	DIFFSERV	04	00-63
PGM Code 109 – System Info Display			
1	MAC Address		
2	IPKTS Protocol Port		
3	Private Net Mask		
4	Application Release Version		
5	Application Release Date		
6	Boot Version		
7	Boot Release Date		

Table 3.4-2 NUMBERING PLANS

BTN	SUB-MENU	DEFAULT	REMARK
PGM Code 110 – Numbering Plan Type			
	Default Numbering Plan Type	1	
PGM Code 111 – System Numbering Plan			
1	Prefix Code	Index001-1 Index002-2 Index003-3 Index004-4 Index005-5 Index006-6 Index007-7 Index008-9 Index009-0 Index010-* Index011-# Index012-80 Index013-81 Index014-82 Index015-83 Index016-84 Index017-85 Index018-86 Index019-87 Index020-88 Index021-89	System Numbering Plan Index from 001 to 150

BTN	SUB-MENU	DEFAULT	REMARK
2	Additional Digits	Index001-2 Index002-2 Index003-2 Index004-2 Index005-2 Index006-2 Index007-0 Index008-0 Index009-0 Index010-1 Index011-2 Index012-1 Index013-1 Index014-1 Index015-1 Index016-1 Index017-1 Index018-1 Index019-1 Index020-0 Index021-1	System Numbering Plan Index from 001 to 150
PGM Code 112 – Flexible Station Number			
	Flexible Station Number	100-499	Default Numbering Plan Country Code 1.
PGM Code 113 – Feature Numbering Plan			
1	Attendant Call	0	
2	Conference Room 1	571	
3	Conference Room 2	572	
4	Conference Room 3	573	
5	Conference Room 4	574	
6	Conference Room 5	575	
7	Conference Room 6	576	
8	Conference Room 7	577	
9	Conference Room 8	578	
10	Conference Room 9	579	
11	Internal Page	543	
12	Personal VM Page	544	
13	Announcement Page for Attendant	545	
14	Page Auto Answer	546	
15	Internal Page Answer	547	
16	External Page	548	
17	All Page (Internal & External)	549	
18	Call Forward Register	554	
19	Pilot Hunt Call Forward Register	514	
20	Pilot Hunt Call Forward Cancel	515	

BTN	SUB-MENU	DEFAULT	REMARK
21	DND Stage Change	516	
22	DND Delete	517	
23	Account Code	550	
24	CO Flash	551	
25	Last Number Redial	552	
26	Speed Program	553	
27	Speed Dial	555	
28	Message Wait Register	557	
29	Message Wait Answer	558	
30	Record VM Subscriber Name	542	
31	Call Back Register	518	
32	Call Back Cancel	519	
33	Group Call Pick-Up	**	
34	Direct Call Pick-Up	7	
35	Walking COS	520	
36	Call Parking Location	541	
37	PGM Mode Access	521	
38	Two-Way Record	522	
39	VMIB Access	523	
40	AME Access	524	
41	CO Line Access	88	
42	External Voice Mail Message Wait Enable	*8	
43	External Voice Mail Message Wait Cancel	*9	
44	MCID Request	*0	
45	Emergency Alert	563	
46	PTT Group Login/Logout	538	
47	Hotdesk Login/Logout	525	
48	Station Name Register	526	
49	Create Conference Room	527	
50	Delete Conference Room	528	
51	Wake-Up Register	529	
52	Wake-Up Cancel	530	
53	Temporary COS Down	531	
54	Retrieve COS	532	
55	Password Change	533	
56	Interphone Group Access	534	

BTN	SUB-MENU	DEFAULT	REMARK
57	Call Wait Register	535	
58	Pre-Selected Message PGM	536	
59	Forced Handsfree Call	537	
60	Call Base CLIR	582	
61	CLIR Access	583	
62	COLR Access	584	
63	Pilot Hunt Call	585	
64	One-Way Command Group Call	581	
65	Conference Command Group Call	580	
66	Intrude Register	589	
67	Camp-On Register	590	
68	Voice-Over Register	591	
69	Mobile Extension Number Register	592	
70	Mobile extension CLI Register	593	
71	Mobile Access	594	
72	CCR Access	670	
73	CCR Access and Drop	671	
74	HOLD	560	
75	Record VM Greeting	561	
76	System Memo	675	
77	DISA Tone Service	678	
78	All Feature Cancel	679	
79	Add Conference Member	680	
80	System Alarm Reset	565	
81	Fault Alarm Reset	564	
82	Door Open	#*1	
83	Keypad Facility	##*	
84	T-Net Login/Logout	586	
85	Universal Answer	587	
86	USB Call Record	588	
87	Delete All VM Message	681	
88	VM Page Message Record	682	
89	Direct VM Transfer	683	
90	Loop Key	684	
91	Call Log	685	
92	ACD Agent Login/Logout	500	
93	ACD Agent DND	501	
94	ACD Agent Work Mode	502	
95	ACD Agent Auto Work	503	

BTN	SUB-MENU	DEFAULT	REMARK
96	ACD Agent Auto Answer	504	
97	ACD Call Indication	508	
98	NON ACD Call Indication	509	
99	ACD Supervisor Group Call Forward	890	
100	ACD Supervisor Group Night Mode	891	
101	ACD Supervisor Group Holiday Mode	892	
102	ACD Supervisor Queued Call Answer	895	
103	ACD Supervisor Agent state Check	896	
104	ACD Supervisor Silent Monitor	897	
105	ACD Supervisor Traffic Check	898	
106	ACD Announce Play	899	
107	Day/Night Program	513	
108	DID/DISA Restriction	686	
109	Company Directory	539	
110	Outcall Notification	596	
111	Outcall Attempts	597	
112	Outcall Interval	598	
113	Outcall Phone Number	599	
114	Bath Alarm Reset	#10	
115	Hotel Maid Status	#11	
116	Hotel Mini Bar	#12	
117	Hotel room Info Display	#13	
118	Hotel Room Monitor	#14	
119	Hotel Form Feed	#15	
120	Hotel VIP Wake Up	#16	
121	Call Forward Cancel	#17	
122	Device BLF Indication	#18	
123	Group Call Forward Register	#19	
124	Group Call Forward Cancel	#20	
125	Subscriber Answer Greeting	#21	
126	Fail-Over-PSTN Forward Register	#22	
127	Fail-Over-PSTN Forward Cancel	#23	
128	Mobile Extension Status Change	595	
129	Group Call DND State Change	#24	
130	Held CO Retrieve	#25	
131	Auto Call Record Mode	#26	
132	Override (Hold)	#27	
133	Override (Disconnect)	#28	
134	Prepaid Money Registration	#29	

BTN	SUB−MENU	DEFAULT	REMARK
PGM Code 114 – CO Group Access Code			
	CO Group Access Code 01-25 (MG 100) CO Group Access Code 01 – 73 (MG 300)	9,801-824 (MG 100) 9,801–872 (MG 300)	
PGM Code 115 – Station Group Number			
	Station Group 01-20 (MG 100) Station Group 01-50 (MG 300)	620-639 (MG100) 620–669 (MG300)	
PGM Code 118 – ACD Group Number			
	ACD Group 01-20 (MG 100) ACD Group 01-50 (MG 300)	600-619	

Table 3.4-3 STATION PORT DATA

BTN	SUB−MENU	RANGE	DEFAULT	REMARK
PGM Code 120 – Station Type				
1	Station Type			
2	DSS MAP			
3	Reset			
PGM Code 121 – Station Port Attributes I				
1	Auto Speaker Selection	1: ON, 0: OFF	ON	
2	Headset Mode	0: Speaker 1: Headset 2: Ear−Mic	Speaker	
3	Headset Ring	0: Speaker 1: Headset 2: Both	Speaker	
4	Group Listening	1: ON, 0: OFF	OFF	
5	Keyset Admin	1: ON, 0: OFF	ON	
6	No Touch Answer	1: ON, 0: OFF	OFF	
7	Howling Tone	1: ON, 0: OFF	ON	
8	Dummy Terminal	1: ON, 0: OFF	OFF	
9	Port Blocking	1: ON, 0: OFF	OFF	
10	Gain Table Index	1-3	1	
11	SLT Line Length	0: Short 1: Longt 2: Far	Short	
12	System Alarm Report	EN/DIS	DISABLE	
13	Door Open Access	EN/DIS	DISABLE	
14	Call Duration Restriction Table	00: Not Use 01-30	Not Use	
PGM Code 122 – Station Port Attributes II				
1	LCD Language Display mode	00: English 01: Italian 02: Finnish 03: Dutch 04: Swedish 05: Danish	Korean	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
		06: Norwegian 07: Hebrew 08: Germany 09: French 10: Portuguese 11: Spanish 12: Korean 13: Estonian 14: Russian		
2	LCD Date Display Mode	1: MMDDYY 0: DDMMYY	DDMMYY	
3	LCD Time Display Mode	1: 24 Hour Mode 0: 12 Hour Mode	12 Hour Mode	
4	Backlight Usage	0: Always Off 1: Busy Only 2: Always On	Busy Only	
5	LIP-8000 Phone Font	0: Time New Roman 1: Gothic	Gothic	
6	LIP-8000 Phone LCD Brightness	01-15	07	
7	Group Queue Display	1: ON, 0: OFF	OFF	
PGM Code 123 – Station Port Attributes III				
1	Prime Number	01-48	01	
2	Zone Number	1-9	1	
3	Automatic Hold	1: ON, 0: OFF	OFF	
4	Enblock Dial Mode	0: Off 1: All 2: On-Hook Dialing 3: Dialing in Ring	OFF	
5	Intercom Answer Mode	1: Handsfree 2: Tone 3: Privacy	Tone	
6	Data Line Security	1: ON, 0: OFF	OFF	
7	Sending Progress Indicator	1: ON, 0: OFF	OFF	
8	Fax Mode	1: ON, 0: OFF	OFF	
9	DTMF Confirmation Tone When Redial	1: ON, 0: OFF	ON	
10	Mute Ring Service	1: No Ring 0: Mute Ring	Mute Ring	
11	Auto Idle Service	1: Manual 0: Auto	Auto	
12	Call Wait Indication			
13	ICM Call Time Display	1: ON, 0: OFF	OFF	
14	Prepaid Call Cost Display	0: Left Money 1: Used Money 2: Time Display	1: Used Money	
PGM Code 124 – Station Port Attributes IV				
1	Message-Wait Indication	0: Not Assign 1: Ring LED 2: MW Remind Tone 3: Ring LED + MW Remind Tone	MW Remind Tone	
2	Apply Differential Ring	0: All ring 1: Normal Ring	All ring	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
3	Intercom Differential Ring ID	0-254	1	
4	CO Differential Ring ID	0-254	1	
5	COS Apply	0: Sub-DN 1: My-DN	Sub-DN	
6	Hook Flash When Transfer	0: Cancel Transfer 1: Camp-ON 2: Conference	Cancel Transfer	
7	Off-Hook On Paged	0: Paged 1: Dial Tone	Paged	
8	Preferred Line Answer	1: ON, 0: OFF	ON	
9	Pick-Up By DSS Button	0: Disable 1: Group Pick-Up 2: Direct Pick-Up	Direct Pick-Up	
10	CTI IP Address	IP Address	0.0.0.0	
11	ACD Agent Priority	01-20	10	
PGM Code 126 – Flexible Button Assignment				
1	Button Type	Not Assigned Station DSS CO Number Loop Key CO group Access Station Group Number Dial Number Directory Number REDIAL SPEED CONFERENCE MUTE CALL BACK DND/FWD TRANSFER FLASH PTT		
2	Ring Option (Button Type Directory Number)	Immediate Ring Delay Ring 1-9 No Ring		
3	Button Access Type	0: Changeable 1: Unchangeable		Changeable
		(Button Type DN) 0: All Call 1: Dial after Seizure 2: Incoming Only		(Button Type DN) All Call

Table 3.4-4 STATION NUMBER DATA

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
PGM Code 130 – Station DN Assignment				
1	Station DN Type	1: SADN Normal 2: MADN 3: SADN-Hotdesk		
2	DN Number View			
PGM Code 131 – Station DN Attributes I				
1	Station Name			
2	Tenant Group	1-9(MG-300) 1-5(MG-100)	1	
3	Digit conversion Table	1-9	1	
4	Password			
5	Busy Service	0: Busy Tone 1: Camp-On 2: Call-Wait 3: Pilot Hunt	Busy Tone	
6	Charge Mode	Free Report	Report	
7	SMDR Dial Digit Hidden	EN/DIS	DISABLE	
8	Hotdesk Agent number	1: ON, 0: OFF	OFF	
9	Time Table Index	None, 1-9	None	
10	R2 Category	01-15	1	
11	SIP User ID Table	None, 1-72	None	
PGM Code 132 – Station DN Attributes II				
1	Forced Handsfree Access	EN/DIS	DISABLE	
2	Forward Access	EN/DIS	ENABLE	
3	Offnet-Forward Access	EN/DIS	ENABLE	
4	DND Access	EN/DIS	ENABLE	
5	Intrusion Access	EN/DIS	DISABLE	
6	Mobile Extension Access	EN/DIS	ENABLE	
7	Hook Flash Mode	0: Flash Normal 1: Flash Ignore 2: Flash Drop 3: Hold Release	Flash Normal	
8	Auto Pick-Up	EN/DIS	DISABLE	
PGM Code 133 – Station DN Attributes III				
1	CO Queue Access	EN/DIS	ENABLE	
2	Conference Access	EN/DIS	ENABLE	
3	Wake-Up Access	EN/DIS	ENABLE	
4	Station Call Back Access	EN/DIS	ENABLE	
5	ACNR Access	EN/DIS	ENABLE	
6	Absence Notice Access	EN/DIS	ENABLE	
7	Call Wait Access	EN/DIS	ENABLE	
8	Camp-On Access	EN/DIS	ENABLE	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
9	Voice Over Access	EN/DIS	DISABLE	
10	Voice Over Rejection	EN/DIS	DISABLE	
11	Prepaid Call Access	EN/DIS	DISABLE	
12	Keypad Facility Usage	EN/DIS	DISABLE	
PGM Code 134 – Station DN Attributes IV				
1	Speed Access	EN/DIS	ENABLE	
2	Page Access	EN/DIS	ENABLE	
3	Meet-Me Page Access	EN/DIS	ENABLE	
4	Reserved			
5	SLT Block Back Call	EN/DIS	DISABLE	
6	Pilot Hunt Ring	EN/DIS	ENABLE	
7	ACR User	1: ON, 0: OFF	OFF	
8	Wake-Up Time			
9	Repeat Wake-Up	1: ON, 0: OFF	OFF	
10	Branch Line / Bridge Line Mode	0: OFF 1: Branch 2: Bridge 3: Bridge-Softphone	OFF	
11	Auto Privacy	1: ON, 0: OFF	OFF	
12	DID/DISA Restriction	1: ON, 0: OFF	OFF	
13	DID/DISA Restriction LCD Display	1: ON, 0: OFF	ON	
PGM Code 135 – Station DN Attributes V				
1	CLIP Display	1: ON, 0: OFF	ON	
2	COLP Display	1: ON, 0: OFF	ON	
3	CLI Redirect	CLI/Redirect	CLI	
4	CLIR When Outgoing	1: ON, 0: OFF	OFF	
5	COLR When Incoming Answer	1: ON, 0: OFF	OFF	
6	CLI Number			
7	Call Forward CLI / Redirect	CLI/Redirect	CLI	
8	Ignore Caller's CLIP Option	EN/DIS	DISABLE	
9	Mobile Extension CLI	Caller Number Mobile Number Caller + Mobile	Caller Number	
10	Long CLI 1			
11	Long CLI 2			
12	Long CLI 3			
13	CLI Name Display	EN/DIS	DISABLE	
14	Station Number Hidden	1: ON, 0: OFF	OFF	
15	Call Transfer CLI	0: Transfer, 1: Transferred	Transferor	
PGM Code 137 – COS Assignment				
1	Day COS	0-15	1	
2	Night COS	0-15	1	
3	Timed COS	0-15	1	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
PGM Code 138 – Auto Dial Attribute				
1	Auto Dial Digit	Max 16 Digits		
2	Auto Dial Pause Time	00-30	00	1sec
PGM Code 142 – Preset Call Forward				
1	Internal Unconditional			
2	Internal Busy			
3	Internal No-Answer			
4	External Unconditional			
5	External Busy			
6	External No-Answer			
PGM Code 143 – Call Forward				
1	Forward Type	Not Assigned Unconditional Busy No-Answer Busy / No-Answer	Not Assigned	
2	Forward Number			
3	Forward Apply Time	0: All 1: Day 2: Night 3: Timed	All	
4	Call-Forward No-Answer Timer	000-600	15	1 sec
5	Forward Information Display	1: ON, 0: OFF	ON	
PGM Code 145 – VMIB Attribute				
1	VMIB Access	EN/DIS	DISABLE	
2	Prompt Language Index	1: First 2: Second 3: Third	First	
3	Auto-Record Service	0: Off 1: No-USB 2: USB	Off	1. No-USB : VMIB or Phontage 2: USB: (LDP-7000 series only
4	Two-Way Record Access	EN/DIS	DISABLE	
5	Two-Way Record Device		INTERNAL VM BOARD	
6	VM Message Backup Phontage Number			
7	VM Message Backup Delete	EN/DIS	DISABLE	
8	VMIB Message Retrieve Type	0: LIFO 1: FIFO	LIFO	
9	VMIB Urgent Message Number			
10	VMIB New Message Number			
11	VMIB Saved Message Number			
12	DND VM Forward	EN/DIS	DISABLE	
13	Company Directory – First Name			
14	Company Directory – Last Name			

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
15	Administrator MailBox	EN/DIS	DISABLE	
16	Announce only MailBax	EN/DIS	DISABLE	
17	Announce only Option	0: Previous Menu 1: Hang up	Previous Menu	
18	Cascade MailBox			
19	Cascade Type	0: OFF 1: Immediate 2: Noti Fail 3: Urgent	OFF	
20	VM COS	1-5	1	
21	Outcall Notification	0: ON 1: OFF	OFF	
22	Outcall Attempts	1-9	3	
23	Outcall Interval (01-60)		3	min
24	Outcall Phone Number			
	VM MSG-SMTP Mail Server Address			
	VM MSG-User Mail Address			
	VM MSG-SMTP Mail Server ID			
	VM MSG-SMTP Mail Server Password			
	VM MSG-SMTP Mail Sender Address			
	VM MSG-Attach Message	0: Off 1: Attach Only 2: Attach & Delete	Off	
PGM Code 146 – Mobile Extension Attribute				
1	Mobile EXT 1 Enable	1: ON, 0: OFF	OFF	
2	Mobile EXT 1 Number	Max 24 Digits		
3	Mobile EXT 1 CLI	Max 24 Digits		
4	Mobile EXT 2 Enable	1: ON, 0: OFF	OFF	
5	Mobile EXT 2 Number	Max 24 Digits		
6	Mobile EXT 2 CLI	Max 24 Digits		
7	Mobile Service Mode	0: All Call 1: Service CLI Only	All Call	
8	Mobile Service CLI 1	Max 24 Digits		
9	Mobile Service CLI 2	Max 24 Digits		
10	Mobile Service CLI 3	Max 24 Digits		
11	Mobile Service CLI 4	Max 24 Digits		
12	Mobile Service CLI 5	Max 24 Digits		
PGM Code 147 – New VMIB Attribute				
1	VM Forward Reroute Destination	Max 8 Digits		
2	VM TIME/DATE PROMPT	0: Before Msg 1: After Msg 2: Off	Before Msg	
3	SMTP PORT NUMBER	0000-9999	25	
4	VM SLOT NO	00-18	Not Assigned	
5	VM PASSWORD INPUT	1:DN+Password 2:Password	1:DN+Password	

BTN	SUB−MENU	RANGE	DEFAULT	REMARK
		3:No Password		
6	USER MSG RW/FF TIME	03-99	03	
PGM Code 150 – CO Group Access				
	CO Group Access	Group 01-24 (MG 100) Group 01−72 (MG 300)	01 only	
PGM Code 151 – Page Group Access				
	Page Group Access	Group 01-15 (MG 300) Group 01−30 (MG 300)		
PGM Code 152 – Command Group Access				
	Command Group Access	Group 01−10		

Table 3.4-5 CO LINE DATA

BTN	SUB−MENU	RANGE	DEFAULT	REMARK
PGM Code 160 – CO Line Attributes I				
1	CO Line Type			
2	Service Type	0: Normal 1: DID	Normal	
3	Outgoing Group Number	01−72	01	
4	Incoming Group Number	01−72	01	
5	Tenant Number	1−9(MG−300) 1−5(MG−100)	1	
6	Digit Conversion Table	1−9	1	
7	Signal Type	0: No Signal 1: Send Wink 2: Wait Seize Ack 3: Send Wink & Wait Seize Ack 4: Send Sub Answer & Wait Sub Answer 5: Send Wink & Send Sub answer 6: Wait Ack & Wait Sub Answer 7: Send Wink and Sub Answer & Wait Wink and Sub Answer	No Signal	
8	Release Timing	0: First Release 1: Caller Release 2: Called Release	First Release	
9	Incoming/Outgoing Mode	0: Incoming 1: Outgoing 2: Both	Both	
10	Dialing Type	0: DTMF 1: Pulse 2: R2	DTMF	
11	Charge Mode	0:Free 1:All Call Report 2:Outgoing Call Report 3:Incoming Call Report	1:All Call Report	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
12	Metering Usage	None 12KHz 16KHz 50Hz SPR PPR NPR AOC(Standard) AOC1(Italy, Spain) AOC2(Finland) AOC3(Australia) AOC4(Belgium) AOC5(Netherlands) Time	None	
PGM Code 161 – CO Line Attributes II				
1	VOIP/QSIG Mode	Not Assigned SIP/PRI(E1) H323 H340/QSIG(E1) PRI(T1) QSIG(T1)	Not Assigned	
2	Drop Type	0: LOOP 1: Polarity	LOOP	
3	Flash Type	0: LOOP 1: Ground	LOOP	
4	Flash Timer	000-300	050	10msec
5	Open Loop Timer	00-20	00	100msec
6	Line Length	0Km 3Km 5Km 7Km	0Km	
7	Zone Number	1-9	1	
8	VMIB Prompt Language Index	First Prompt Second Prompt Third Prompt	First Prompt	
9	Gain Table Index	1-3	1	
10	VOIP FW Usage	1: ON 0: OFF	ON	
11	LINE MONITOR	1: ON 0: OFF	ON	
12				
13	VM Service Retry Count	000-100	000	
PGM Code 162 – CO Line Attributes III				
1	CO Access Mode	0: Blocked Line 1: Normal CO Line 2: Dedicated Line	Normal CO Line	
2	Digit Sending Mode	Overlap Enblock	Overlap	
3	Max Digit Length	00-32	32	
4	Min Digit Length for Overlap Mode	00-32	00	
5	Check Password	1: ON, 0: OFF	OFF	
6	R2 Connect Mode	0: END-to-END 1: LINK-by-LINK	END-to-END	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
7	R2MFC Backward Value	01-15	01	
8	Dummy Dial Tone Service	1: ON, 0: OFF	OFF	
9	T1 Normal Mode	0: Loop, 1: Ground	Loop	
10	T1 DID Mode	0: Immediate 1: Wink 2: Delay Wink	Wink	
PGM Code 163 – CO Line Attributes IV				
1	CID Mode	0: Disable 1: FSK 2: DTAS FSK 3: DTMF 4: Russia-CID	FSK	
2	Russia CID Detect	1: ALL / 0: Local	All	
3	Russia CID Request	1: Auto / 0: User	Auto	
4	Russia CID Digit Number	04-10	7	
5	Russia CID No-Answer Timer	001-300	20	1Sec
6	Russia CID Request Count	1-3	1	
7	Russia CID Request First Delay Timer	010-150	020	10msec
8	Russia CID Request Retry Delay Timer	10-30	10	10msec
PGM Code 165 – Incoming CO Attributes I				
1	CO Name			
2	ISDN Screen Indicator	0: User Provided, Not Screened 1: User Provided, Verified & Passed	User Provided, Not Screened	
3	Calling Type	0: Unknown 1: International 2: National 3: Subscriber 4: Not Used	National	
4	Calling Numbering Type	0: Unknown 1: ISDN Telephony Numbering Plan 2: Data 3: Telex 4: National Standard 5: Private	Unknown	
5	Sending Progress Indicator	0: No 1: All Message 2: Alerting Message	NO	
6	R2 ANI Service Request	1: ON, 0: OFF	OFF	
7	ICLID Service	1: ON, 0: OFF	OFF	
8	Own Code Add to Transit CLI	1: ON, 0: OFF	OFF	
9	Own Code			
10	CLI Prefix Code			
11	International Code			
12	Transit CLI 1			
13	Transit CLI 2			
14	Transit CLI 3			
15	CLI Conversion Table Index	None, 1-9	None	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
16	Holiday Ring Index	None, 1-80	None	
PGM Code 166 – Incoming CO Attributes II				
1	Provide Dial Tone	1: ON, 0: OFF	OFF	
2	BLF Usage	1: ON, 0: OFF	ON	
3	Unsupervised Conference Extend	1: ON, 0: OFF	OFF	
4	Block After Clear Forward Waiting Time	1: ON, 0: OFF	OFF	
5	CPT Detect	1: ON, 0: OFF	ON	
6	Answer to Waiting Call	1: ON, 0: OFF	OFF	
7	Universal Answer	1: ON, 0: OFF	OFF	
8	Release Guard Time	00-15	1	1sec
9	Unsupervised Conference Timer	000-255	10	1min
10	Clear Forward Waiting Timer	001-300	300	1sec
11	Max Ring Time	015-300	120	1sec
12	DISA Supervision Timer	1-9	2	1sec
13	VMIB Play Delay Timer	0-9	0	1sec
14	Incoming Time Table Index	None, 1-9	None	
15	Co delay Answer Timer	0-100(100msec)	0	
16	Offnet Forward Usage	0: Join 1: Call Deflection 2: Call Rerouting	Join	
17	R2 Signal Mapping Group	1-9	1	
18	R2 Category	1-15	1	
19	R2 Line Status	1-15	6	
20	Collect Call Blocking	0: Disabled 1: double Answer 2: With Indication	Disabled	
21	Collect Call Answer Timer	1-250 (100msec)	10	100msec
22	Collect Call Idle Timer	1-250 (100msec)	20	100msec
PGM Code 167 – CO Ring Assignment				
1	Day	Flex1 - Service Type 0: Ring Assign 1: Feature Code Flex2 - Feature Not Assigned CCR CCR Drop DISA Tone Digits Flex3 - Feature Delay Felx4 - Member Display Flex5 - Member Assign	Ring Assign Not Assign Delay 0 Member 100	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
2	Night	Flex1 − Service Type 0: Ring Assign 1: Feature Code Flex2 − Feature Not Assigned CCR CCR Drop DISA Tone Digits Flex3 − Feature Delay Felx4 − Member Display Flex5 − Member Assign	Ring Assign Not Assign Delay 0 Member 100	
3	Timed	Flex1 − Service Type 0: Ring Assign 1: Feature Code Flex2 − Feature Not Assigned CCR CCR Drop DISA Tone Digits Flex3 − Feature Delay Felx4 − Member Display Flex5 − Member Assign	Ring Assign Not Assign Delay 0 Member 100	
PGM Code 168 – Normal/DISA CO Attributes				
1	Day	Flex1 − CO Access From DISA 1: ON, 0: OFF Flex2 − DISA Account Code 1: ON, 0: OFF Flex3 − DISA Retry Count 1 − 9 Felx4 –Preset Forward Time 0 − 20 Flex5 − Preset Forward Ring Table Index 1 − 80	OFF OFF 3 0	 1sec

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
2	Night	Flex1 - CO Access From DISA 1: ON, 0: OFF Flex2 - DISA Account Code 1: ON, 0: OFF Flex3 - DISA Retry Count 1 - 9 Felx4 –Preset Forward Time 0 - 20 Flex5 - Preset Forward Ring Table Index 1 - 80	OFF OFF 3 0	1sec
3	Timed	Flex1 - CO Access From DISA 1: ON, 0: OFF Flex2 - DISA Account Code 1: ON, 0: OFF Flex3 - DISA Retry Count 1 - 9 Felx4 –Preset Forward Time 0 - 20 Flex5 - Preset Forward Ring Table Index 1 - 80	OFF OFF 3 0	1sec

BTN	SUB-MENU		RANGE	DEFAULT	REMARK
PGM Code 169 – Incoming CO Alternative					
1	Day	Flex1 – Busy	Flex 1 – DEST	Disconnect	[Destination] 1: Disconnect 2: Attendant 3: CO Ring Assign 4: ALT Ring Table 5: Tone 6: Pilot Hunt Group 7: Ring 8. Transfer Station
			Flex 2 – Prompt	OFF	
		Flex2 – No-Answer	Flex 1 – DEST	Disconnect	
			Flex 2 – Prompt	OFF	
		Flex3 – Vacant Number	Flex 1 – DEST	Disconnect	
			Flex 2 – Prompt	OFF	
		Flex4 – Transfer No-Answer	Flex 1 – DEST	Transfer Station	
			Flex 2 – Prompt	OFF	
		Flex5 – Recall No-Answer	Flex 1 – DEST	Disconnect	
			Flex 2 – Prompt	OFF	
		Flex6 – DND	Flex 1 – DEST	Disconnect	
			Flex 2 – Prompt	OFF	
		Flex7 – Handset Lifted	Flex 1 – DEST	Disconnect	
			Flex 2 – Prompt	OFF	
		Flex8 – Error	Flex 1 – DEST	CO Ring Assign	
			Flex 2 – Prompt	OFF	
2	Night	Flex1 – Busy	Flex 1 – DEST	Disconnect	[Destination] 1: Disconnect 2: Attendant 3: CO Ring Assign 4: ALT Ring Table 5: Tone 6: Pilot Hunt Group 7: Ring 8. Transfer Station
			Flex 2 – Prompt	OFF	
		Flex2 – No-Answer	Flex 1 – DEST	Disconnect	
			Flex 2 – Prompt	OFF	
		Flex3 – Vacant Number	Flex 1 – DEST	Disconnect	
			Flex 2 – Prompt	OFF	
		Flex4 – Transfer No-Answer	Flex 1 – DEST	Transfer Station	
			Flex 2 – Prompt	OFF	
		Flex5 – Recall No-Answer	Flex 1 – DEST	Disconnect	
			Flex 2 – Prompt	OFF	
		Flex6 – DND	Flex 1 – DEST	Disconnect	
			Flex 2 – Prompt	OFF	
		Flex7 – Handset Lifted	Flex 1 – DEST	Disconnect	
			Flex 2 – Prompt	OFF	
		Flex8 – Error	Flex 1 – DEST	CO Ring Assign	
			Flex 2 – Prompt	OFF	

BTN	SUB-MENU		RANGE	DEFAULT	REMARK
3	Timed	Flex1 – Busy	Flex 1 – DEST	Disconnect	[Destination] 1: Disconnect 2: Attendant 3: CO Ring Assign 4: ALT Ring Table 5: Tone 6: Pilot Hunt Group 7: Ring 8. Transfer Station
			Flex 2 – Prompt	OFF	
		Flex2 – No-Answer	Flex 1 – DEST	Disconnect	
			Flex 2 – Prompt	OFF	
		Flex3 – Vacant Number	Flex 1 – DEST	Disconnect	
			Flex 2 – Prompt	OFF	
		Flex4 – Transfer No-Answer	Flex 1 – DEST	Transfer Station	
			Flex 2 – Prompt	OFF	
		Flex5 – Recall No-Answer	Flex 1 – DEST	Disconnect	
			Flex 2 – Prompt	OFF	
		Flex6 – DND	Flex 1 – DEST	Disconnect	
			Flex 2 – Prompt	OFF	
		Flex7 – Handset Lifted	Flex 1 – DEST	Disconnect	
			Flex 2 – Prompt	OFF	
		Flex8 – Error	Flex 1 – DEST	CO Ring Assign	
			Flex 2 – Prompt	OFF	
PGM Code 170 – Outgoing CO Attributes I					
1	ISDN Screen Indicator		User Provided, Not Screened User Provided, Verified and Passed	User Provided, Not Screened	
2	Sending Caller Number		1: ON, 0: OFF	ON	
3	Calling Type		0: Unknown 1: International 2: National 3: Subscriber 4: Not Used	National	
4	Calling Numbering Plan Identification		0: Unknown 1: ISDN Telephony Numbering Plan 2: Data 3: Telex 4: National Standard 5: Private	Unknown	
5	Called Numbering Plan Identification		0: Unknown 1: ISDN Telephony Numbering Plan 2: Data 3: Telex 4: National Standard 5: Private	Unknown	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
6	Bearer Capability	0: Speech 1: Unrestricted 2: Restricted 3: 3.1KHz Audio 4: 7KHz 5: Video	Speech	
7	ISDN Line Type	0: A-Law 1: U-Law	A-Law	
8	Sending Complete IE for Information Message	1: ON, 0: OFF	OFF	
9	Make Transit CLI	1: ON, 0: OFF	OFF	
10	Own Code Add to Transit CLI	1: ON, 0: OFF	OFF	
11	Representative CLI Usage	1: ON, 0: OFF	OFF	
12	Representative CLI			
13	Own Code			
14	CLI Type	0: Normal 1: Long CLI 1 2: Long CLI 2 3: Long CLI 3	Normal	
15	Transit CLI Type	0: Normal 1: Long CLI 1 2: Long CLI 2 3: Long CLI 3	Normal	
16	CLI Conversion Table Index	None, 1-9	None	
17	Send Redirection Number	1: ON, 0: OFF	OFF	
PGM Code 171 – Outgoing CO Attributes II				
1	CPT Detect	1: ON, 0: OFF	ON	
2	Unsupervised Conference Extend	1: ON, 0: OFF	OFF	
3	Provide Ring-Back Tone	1: ON, 0: OFF	OFF	
4	BLF Usage	1: ON, 0: OFF	ON	
5	Release Guard Timer	00-15	2	1sec
6	Unsupervised Conference Timer	000-255	10	1min
7	Max Transfer Ring Timer	001-300	120	sec
8	Outgoing Time Table Index	None, 1-9	None	
9	LCO Voice Connection	0: Inter digit Timer 1: Immediate	Inter digit Timer	
10	R2 Signal Mapping Group	None, 1-9	1	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
PGM Code 173 – Outgoing CO Alternative				
1	Day	Flex1 - Recall No-Answer Flex2 - Transfer No-Answer Flex3 - No-Answer 1: Disconnect 2: Attendant 3: CO Ring Assign 4: ALT Ring Table 5: Tone 6: Pilot Hunt Group	Attendant Transfer Station Attendant	
2	Night	Flex1 - Recall No-Answer Flex2 - Transfer No-Answer Flex3 - No-Answer 1: Disconnect 2: Attendant 3: CO Ring Assign 4: ALT Ring Table 5: Tone 6: Pilot Hunt Group	Attendant Transfer Station Attendant	
3	Timed	Flex1 - Recall No-Answer Flex2 - Transfer No-Answer Flex3 - No-Answer 1: Disconnect 2: Attendant 3: CO Ring Assign 4: ALT Ring Table 5: Tone 6: Pilot Hunt Group	Attendant Transfer Station Attendant	

BTN	SUB−MENU	RANGE	DEFAULT	REMARK
PGM Code 174 – CO Inter−Digit Timer				
1	Seize Wait Time	005−200	50	100msec
2	First Digit	010−200	100	100msec
3	Second Digit	010−200	80	100msec
4	Third Digit	010−200	70	100msec
5	Fourth Digit	010−200	60	100msec
6	Fifth Digit	010−200	50	100msec
7	More than 6th Digit	010−200	40	100msec
PGM Code 175 – DTMF Send Interval				
1	First DTMF Delay	00−90	5	100msec
2	Second DTMF Delay	00−90	2	100msec
3	Third DTMF Delay	00−90	2	100msec
4	Fourth DTMF Delay	00−90	2	100msec
5	Fifth DTMF Delay	00−90	2	100msec
6	Sixth DTMF Delay	00−90	2	100msec
7	More than 7	00−90	2	100msec
PGM Code 177 – CO COS Assignment				
1	Day COS	00−15	00	
2	Night COS	00−15	00	
3	Timed COS	00−15	00	
GM Code 179 – CO–to–CO Attributes				
1	Station Outgoing Call Transfer	EN/DIS	ENABLE	First: Outgoing / Second: Outgoing
2	Attendant Outgoing Call Transfer	EN/DIS	ENABLE	First: Outgoing / Second: Outgoing
3	Outgoing Transfer Release Type	0: None 1: Release After Time	Release After Time	First: Outgoing / Second: Outgoing
4	Outgoing Transfer Release Time	000−300	60	1sec
5	Incoming Call Transfer Directly	EN/DIS	DISABLE	First: Incoming / Second: Outgoing
6	Station Incoming Call Transfer	EN/DIS	ENABLE	First: Incoming / Second: Outgoing
7	Attendant Incoming Call Transfer	EN/DIS	ENABLE	First: Incoming / Second: Outgoing
8	Incoming Transfer Release Type	0: None 1: Release After Time	None	First: Incoming / Second: Outgoing
9	Incoming Transfer Release Time	000−300	Release After Time	1sec
PGM Code 180 – CO Group Access Code				
1	Access Code Name			
2	CO Line choice	0: Round Robin 1: Last Line 2: First Line	Round Robin	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
3	Outgoing Group Number	01-72		
4	AND Digit			
5	Emergency Force Service	1: ON, 0: OFF	OFF	
6	ARS Service	1: ON 0: OFF	OFF	
7	ARS Digit 1			
8	ARS 1 Original Digit Use	1: ON,.0: OFF	OFF	
9	ARS Digit 2			
10	ARS 2 Original Digit Use	1: ON. 0: OFF	OFF	
PGM Code 181 – Alternative Ring Table				
1	Service Type	0: Ring Assign 1: Feature	Ring Assign	
2	CO Ring Assign			
3	Feature Code	Not Assigned Station Group CCR CCR Drop DISA Tone Digits	Not Assigned	
4	Feature Delay	0		

Table 3.4-6 STATION GROUP DATA

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
PGM Code 200 – Station Group Assignment				
1	Group Type	Not Assign Terminal Circular Ring Longest Idle Voice Mail	Not Assign	
2	Group Name			
3	Tenant Number	1-9(MG-300) 1-5(MG-100)	1	
4	Time Table Index	1-9	1	
5	Pick-Up Option	0: Disable 1: All Call 2: Intercom Call 3: External Call	Disable	
6	Member Assignment	Station	-	Not applicable VM group
PGM Code 201 – Station Group Attributes I				
1	Greeting Tone Type	01: Normal Tone 02: VMIB Prompt 03: VMIB Announcement 04: Internal MOH 05: External MOH 06-09: VMIB MOH	Normal	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
		1/2/3/4 10-14: SLT MOH		
2	Greeting Play Timer	000-180	0	1sec
3	Greeting Tone Number	01-19	4	
4	Greeting Prompt/Announcement Table Number			
5	Greeting Repeat Count	000-100	3	
6	Greeting Repeat Delay Timer	000-100	0	1sec
7	Queuing Tone Type	01: Normal Tone 02: VMIB Prompt 03: VMIB Announcement 04: Internal MOH 05: External MOH 06-09: VMIB MOH 1/2/3/4 10-14: SLT MOH	Internal MOH	
8	Greeting/Queuing Timeout Timer	000-300	30	1sec
9	Queuing Tone Number	01-19		
10	Queuing Prompt/Announcement Table Number			
11	Queuing Repeat Count	000-100	3	
12	Queuing Repeat Delay Timer	000-100	0	1sec
13	Queuing CCR	1: ON, 0:OFF	OFF	
14	MOH for Prompt/Announcement Pause	01: OFF 02: Internal MOH 03: External MOH 04-07: VMIB MOH 1/2/3/4 08-12: SLT MOH	OFF	
15	2nd Queuing Tone Type	01: Normal Tone 02: VMIB Prompt 03: VMIB Announcement 04: Internal MOH 05: External MOH 06-09: VMIB MOH 1/2/3/4 10-14: SLT MOH	Internal MOH	
16	2nd Greeting/Queuing Timeout Timer	000-300(sec)	30	
17	2nd Queuing Tone Number	01-19		
18	2nd Queuing Prompt/Announcement Table Number	1-225		
19	2nd Queuing Repeat Count	000-100	3	
20	2nd Queuing Repeat Delay Timer	000-100	0	
21	2nd Queuing CCR	1:ON. 0: OFF	OFF	
22	2nd MOH for Prompt/Announcement Pause	01: OFF 02: Internal MOH 03: External MOH 04-07: VMIB MOH 1/2/3/4 08-12: SLT MOH	OFF	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
PGM Code 202 - Station Group Attributes II				
1	Call-In Greeting	0: After Greeting 1: In Greeting	In Greeting	
2	Max Queue Count	00-99	99	
3	Forward Type	0: Not Used 1: Unconditional 2: Queuing Overflow 3: Time Out 4: Queuing Overflow / Time Out	Not Used	
4	Apply Time Type	0: All 1: Day 2: Night 3: Timed	All	
5	Forward Destination			
6	Wrap-Up Timer	000-600	10	100mec
7	Member No-Answer Timer	50-600	150	100msec
8	Ring No-Answer Forward Timer	5-60	15	1sec
9	Provide Announcement with Answer	0: with answer 1: w/o answer	180	1sec
10	Ring Service for member in forward	0: No ring 1: Ring to forwarded station	No ring	
PGM Code 203 – Voice Mail Group				
1	Put Mail Index	1-9	1	
2	Get Mail Index	1-9	2	
3	Busy Index	1-9	3	
4	No-Answer Index	1-9	4	
5	Disconnect Index	1-9	9	
6	SMDI Type	0: Type 1 1: Type 2	Type 1	
7	SMDI CLI Information	1: ON, 0: OFF	OFF	
PGM Code 204 – Call Pick-Up Group				
1	Pick-Up Condition	0: All call 1: Intercom Call 2: External Call	All call	
2	Pick-Up Member Assignment	Station		

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
PGM Code 205 – Page Group				
1	Page Member Assignment	Station		
PGM Code 206 – Command Conference Group				
1	On Hook Service	0: On-Hook 1: Recall	On-Hook	
2	One-Way Busy	0: Busy 1: Request Queuing 2: Recover Call	Busy	
3	Both-Way Busy	0: Busy 1: Request Queuing 2: Recover Call	Busy	
4	Command Group Member Assignment			
PGM Code 208 – PTT Group				
1	PTT Member Assignment	Station		
PGM Code 209 – Interphone Group				
	Digit '0' Service	Station		
	Digit '1' Service	Station		
	Digit '2' Service	Station		
	Digit '3' Service	Station		
	Digit '4' Service	Station		
	Digit '5' Service	Station		
	Digit '6' Service	Station		
	Digit '7' Service	Station		
	Digit '8' Service	Station		
	Digit '9' Service	Station		
PGM Code 210 – Pilot Hunt Group I				
1	Pilot Hunt Call Service	0: All call 1: Intercom Call 2: External Call	All call	
2	Service Type	0: Terminal 1: Circular	Circular	
3	Time Table Index	1-9	1	
4	Pilot Hunt Member Assignment			
PGM Code 211 – Pilot Hunt Group II				
1	Day Forward Type	0: Not Used 1: Unconditional 2: Busy 3: No-Answer 4: Busy/No-Answer	Not Used	
2	Day Forward Destination			
3	Night Forward Type	0: Not Used 1: Unconditional 2: Busy 3: No-Answer 4: Busy/No-Answer	Not Used	
4	Night Forward Destination			

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
5	Timed Forward Type	0: Not Used 1: Unconditional 2: Busy 3: No-Answer 4: Busy/No-Answer	Not Used	
6	Timed Forward Destination			
PGM Code: 212 – ACD Group Assignment				
1	Group Name	Max. 16 characters		
2	Service Mode	0: not-service 1: normal 2: forward 3: night 4: holiday	0	
3	Tenant No	1-9(MG-300) 1-5(MG-100)	1	
4	Time Table Index	1-9	1	
5	Auto Mode	0: Not Use 1: Night Auto 2: Holiday Auto 3: Night/Holiday Auto	0	
6	Supervisor Number			
7	Member Assignment			
8	Sub Supervisor 1			
9	Sub Supervisor 2			
10	Sub Supervisor 3			
PGM Code: 213 – ACD Group Attribute I				
1	Sub-Supervisor Assign			
2	Group Froward Dest			
3	Night Service	0: Release 1: Announcement 2: Forward		
4	Night Forward Destination			
5	Holiday Service	0: Release 1: Announcement 2: Forward		
6	Holiday Forward Destination			
7	Overflow Service	0: Release 1: Announcement 2: Forward		
8	Overflow Service Destination			
9	Max Queue Count	00-99	10	
10	Queuing Announcement Service Step	1-5	1	
11	Repeat Announcements Count	0: No Repeat 1: One Time 2: Three Times 3: Five Times 4: Ten Times 5: Twenty Times	No Repeat	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
12	Repeat Announcements Start Position	1-5	1	
13	Forward Service After Queuing	1: ON 0: OFF	OFF	
14	Forward Destination After Queuing			
15	Agent No-Answer Service	0: Not use 1: Forwarded 2: DND state 3: DND & Forwarded	Not use	
16	No-Answer Forward Destination			
PGM Code: 214 – ACD Group Attribute II				
1	Password Check When Service Mode Change	1: ON 2: OFF	OFF	
2	Agent-Agent Call Restriction	0: Allow 1: Direct call 2: Forwarded call	Allow	
3	Agent Work-Mode Expired Time	001-240	60	
4	Agent Auto Work Mode	0: Call 1: Call, Ring 2: Call OG 3: Call, Ring. OG	call	
5	Announcement User When Incoming CO Call	1: On 2: Off	Off	
6	Queue count Display	1: On 0: Off	Off	
7	Queue Count Display Interval	0: Real Time 1: 10sec 2: 20sec 3: 30sec 4: 40sec 5: 50sec 6: 60sec	Real Time	
8	Password Check When Agent Login	1: On 0: Off	Off	
9	Agent State When Agent Login	0: Ready state 1: DND state 2: Work state	Ready state	
10	Auto Answer Use When Agent Login	1: On 0: Off	Off	
11	Auto Work-Mode Use When Agent	1: On 0: Off	Off	
12	Handset Mode when Agent Login	0: Handset Mode 1: Headset Mode 2: Ear-Mic Mode 3: Bluetooth Mode	Handset Mode	
13	Handset Mode When Agent Logout	0: Handset Mode 1: Headset Mode 2: Ear-Mic Mode 3: Bluetooth Mode 4: Logon Mode	Handset Mode	
14	Call Restriction When Agent Logout	0: Not use 1: CO outgoing 2: All call	Not use	
15	Answer Time When Incoming CO Call	0: Queued to group 1: Agent Answer	Queued to group	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
16	Information Data Print Usage	1: On 0: Off	Off	
17	Information Data Print Interval	001-250	001 (10sec)	
18	Information Data Clear After Print	1: On 0: Off	Off	
PGM code: 215 – ACD Group Announcement				
1	Tone Type	01: Normal Tone 02: VMIB Prompt 03: VMIB Announcement 04: Internal MOH 05: External MOH 06-09: VMIB MOH 1/2/3/4 10-14: SLT MOH	Normal Tone	
2	Tone Time	1-600	10	
3	Tone Port	1-19		
4	Prompt/Announcement No.	1-255		
5	Prompt/Announcement Repeat Count	0-100	1	
6	Prompt/Announcement Interval	0-100	0	
7	CCR Use	1: On 2: Off	0: Off	

Table 3.4-7 SYSTEM DATA

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
PGM Code: 220 – System Timer I				
1	CO-to-CO Transfer Timer	000–300	30	1sec
2	Hot-Desk Logout Timer	00–24	0	1hour
3	ACNR Pause Timer	5–300	30	1 sec
4	Paging Timeout Timer	0–300	15	1 sec
5	Pause Timer	1–9	3	1 sec
6	Voice Mail Pause Timer	1–9	3	1 sec
7	VMIB Message Minimum Record Timer	1–9	4	1 sec
8	VMIB Message Maximum Record Timer	1–999	60	1 sec
9	Call Wait Warning Timer	10–180	30	1 sec
10	Camp-On Warning Timer	10–180	30	1 sec
11	CCR Inter-Digit Timer	1–30	3	1 sec
12	Web Password Guard Timer	1–999	5	1min
PGM Code: 221 – System Timer II				
1	SLT Hook Switch Bounce Timer	1–25	1	100msec
2	SLT Maximum Hook Flash Timer	1–25	5	100msec
3	SLT Minimum Hook Flash Timer	0–250	20	10msec
4	LCO Ring ON Timer	1–9	2	100msec

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
5	LCO Ring OFF Timer	10–150	60	100msec
6	LCO Release Guard Timer	1–150	10	100msec
PGM Code: 222 – System Timer III				
1	Door Open Timer	5–99	20	100msec
2	Message Wait Alert Tone Timer	0–60	0	1min
3	Inter-Digit Timer	0–300	15	1sec
4	Incoming CO Inter-Digit Timer	1–60	15	1sec
5	Normal CO Ring No Answer Timer	001-600	30	1sec
6	DID/DISA CO Ring No Answer Timer	001-600	30	1sec
7	CO Recall Ring No Answer Timer	001-600	30	1sec
8	CO Forward Ring No Answer Timer	001-600	30	1sec
9	CO Transfer Ring No Answer Timer	001-600	30	1sec
PGM Code: 223 – System Attributes				
1	Web Admin Password Encryption	1: ON, 0: OFF	OFF	
2	Pulse Dial Break/Make Ratio	0: 60/40 1: 66/33 2: 50/50	60/40	
3	Voice Mail SMDI Interface	1: ON, 0: OFF	OFF	
4	VMIB SMTP Port	0000-9999	25	
5	Network Time/Date	0: Disable 1: ISND Clock 2: NTP	Disable	
6	CLI Print	1: ON, 0: OFF	OFF	
7	TLS for Web	1: ON, 0: OFF	OFF	
8	Web Server Port	00001-65535	80	
9	Database Auto USB Download	0: OFF 1: Mon 2: Tue 3: Wed 4: Thu 5: Fri 6: Sat 7: Sun 8: Everyday	OFF	
10	Database Auto USB Download Hour	00–23	0	
11	UC Server IP Address	IP Addr	0.0.0.0	
12	CTI Server IP Address	IP Addr	0.0.0.0	
13	Modem Associated CO Line	CO Number	0	
14	IP-Phone Registration by station	1: ON, 0: OFF	ON	
15	Analog Line BUSY Tone Detection Times	3-9	3	
16	Analog Line ERROR Tone Detection Times	3-9	4	
17	PSU Fan Alarm	1: ON 0: OFF	TRUE	
18	Line Fault Alarm	1: ON 0: OFF	TRUE	
19	Traffic Operation	1: ON 0: OFF	OFF	
20	Enhanced VM Features	1: ON 0: OFF	OFF	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
21	IPCR SERVER IP ADDR	IP Address	0.0.0.0	
22	SIP EXT NUMBER FOR IPCR	SIP extension number	Not Assigned	
PGM Code: 226 – System Password				
1	User ID & Password			
2	Admin ID & Password			
3	Maint ID & Password			
PGM Code: 227 – Alarm Attributes				
1	Alarm Enable	1: ON, 0: OFF	OFF	
2	Alarm Contact Type	0: Open 1: Close	Open	
3	Alarm Mode	0: Bell 1: Alarm	Alarm	
4	Alarm Signal Mode	0: Once 1: Repeat	Repeat	
PGM Code: 228 – External Control Contact				
	External Contact Type	Not Used LBC Door Open External Paging	Not Used	
PGM Code: 229 – Music Source				
1	ICM Box Music Type	NO BGM Internal Music External Music VMIB BGM 1 VMIB BGM 2 VMIB BGM 3 VMIB BGM 4 SLT MOH 1 SLT MOH 2 SLT MOH 3 SLT MOH 4 SLT MOH 5	NO BGM	
2	Internal Music Type	Romance Turkish March Green Sleeves Fur Elise Carmen Waltz Pavane Sichiliano Sonata Spring Campanella Badinerie Blue Danube	Romance	
3	VMIB MOH 1 Assignment	Announcement		
4	VMIB MOH 2 Assignment	Announcement		
5	VMIB MOH 3 Assignment	Announcement		
6	VMIB MOH 4 Assignment	Announcement		
7	SLT MOH 1 Assignment	Station		

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
8	SLT MOH 2 Assignment	Station		
9	SLT MOH 3 Assignment	Station		
10	SLT MOH 4 Assignment	Station		
11	SLT MOH 5 Assignment	Station		
PGM Code: 230 – RS-232 Setting				
1	Baud Rate	1: 9600 Baud 2: 19200 Baud 3: 38400 Baud 4: 57600 Baud 5: 115200 Baud	115200 Baud	
2	Page Break	1: ON, 0: OFF	OFF	
3	Line Per Page	001–199	66	
4	XON / XOFF	0: XOFF 1: XON	XOFF	
PGM Code: 231 – Serial Port Selection				
1	On-Line SMDR Print	0~6	Serial Port	0: Serial Port 1: Modu Port 2: TCP 1 3: TCP 2 4: TCP 3 5: TCP 4 6: TCP 5
2	Off-Line SMDR/Statistics Print	0~6	Serial Port	0: Serial Port 1: Modu Port 2: TCP 1 3: TCP 2 4: TCP 3 5: TCP 4 6: TCP 5
3	SMDI Print	0~6	Serial Port	0: Serial Port 1: Modu Port 2: TCP 1 3: TCP 2 4: TCP 3 5: TCP 4 6: TCP 5
4	Call Information Print	0~6	Serial Port	0: Serial Port 1: Modu Port 2: TCP 1 3: TCP 2 4: TCP 3 5: TCP 4 6: TCP 5
5	Traffic Print	0~6	Serial Port	0: Serial Port 1: Modu Port 2: TCP 1 3: TCP 2 4: TCP 3 5: TCP 4 6: TCP 5

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
6	Trace Print	0~6	Serial Port	0: Serial Port 1: Modu Port 2: TCP 1 3: TCP 2 4: TCP 3 5: TCP 4 6: TCP 5
7	ADMIN Data Print	0~6	Serial Port	0: Serial Port 1: Modu Port 2: TCP 1 3: TCP 2 4: TCP 3 5: TCP 4 6: TCP 5
PGM Code: 232 -SMDR Attributes				
1	SMDR Save Enable	0: Not Use 1: On-Line 2: Off-Line 3: On-Line/Off-Line 4: SMDR Interface 5: SMDR E-Mail 6: Off-Line & E-Mail 7: On/Off-Line & E-Mail 8: Interface & E-Mail	Not Use	
2	OUTGOING REPORT	1: ON,0: OFF	OFF	
3	INCOMING REPORT	1: ON 0: OFF	OFF	
4	INTERNAL REPORT	1: ON 0: OFF	OFF	
5	LOST CALL REPORT	1: ON 0: OFF	OFF	
6	Record Type	0: All Call 1: Long Distance	All Call	
7	Long Distance Call Digit Counter	07–15	07	
8	Hidden Dialed Digit	0-9		
9	Hidden Digit Position	0: Left 1: Right	Right	
10	SMDR Transfer Charge Mode	0: Individual 1: Integrate Transferring 2: Integrate Transferred	Individual	
11	SMDR Attendant Charge Mode	0: Normal Charging 1: Attendant Charging 2: Transferred Charging	Normal Charging	
12	Warning Tone Service	1: ON 0: OFF	OFF	
13	SMDR Interface Connection Type	0: SIO 1: LAN	SIO	
14	International call cost per minute	6 digits	000000	
15	Incoming Call Dialed Number Print Option	0: CLI 1: DIALED NUM 2: CLI & RING 3: DIALED NUM & RING	CLI	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
16	Date Mode Print Option	0:DDMMYY 1:MMDDYY	DDMMYY	
17	Authorization Number Print as Calling Station	1: ON 0: OFF	OFF	
18	Additional Information Field Print	1: ON 0: OFF	OFF	
19	SMDR Interface Option Field Length Type	0: Flexible Length 1: Fixed Length	Flexible Length	
	SMTP Mail Server IP Address	IP Addr	0.0.0.0	
	SMDR Mail Server Port			
	SMDR Reported Mail Address			
	SMDR Mail Server ID			
	SMDR Mail Server Password			
	SMDR Sender Address			
	SMDR Mail Send Weekly Set	Not Assign MON TUE WED THU FRI SAT SUN	Not Assign	
	SMDR Mail Send Daily Set	00-23	00	
	SMDR Mail Auto Send Set	1: ON, 0: OFF	OFF	
	SMDR Mail Auto Delete Set	1: ON, 0: OFF	OFF	
PGM Code: 233 – System Date & Time				
1	System Time	(HH: MM)		
2	System Date	(MMDDYY)		
3	DST Enable Mode	1: ON, 0: OFF	OFF	
4	DST Start Time			
5	DST End Timer			
	Network Time / Date	Disable ISDN Clock NTP		
	NTP Primary Server Address			
	NTP Secondary Server Address			
	Standard Time Zone			

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
PGM Code: 234 -LED Flashing Rate				
1	[CALLBK] Intercom	Flex1: Color Flex2: Flash	RED 30 IPM	- Color 1. RED / 2.GREEN / 3. AMBER - Flash IPM Off / Steady / 30 IPM / 60 IPM / 60 IPM Wink/ 240 IPM / 240 IPM Flutter/ 480 IPM / 480 IPM Flutter/ 15 IPM / 120 IPM / 120 IPM Flutter/ 30 IPM Wink/ 480 IPM Wink/ 480 IPM Double
2	[CALL BK] CO Line	Flex1: Color Flex2: Flash	RED 120 IPM	
3	[CALL BK] MSG Wait	Flex1: Color Flex2: Flash	RED 120 IPM	
4	[MUTE] Transmission	Flex1: Color Flex2: Flash	RED Flash Steady	
5	[MUTE] COS Change	Flex1: Color Flex2: Flash	RED 120 IPM	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
6	[DND] DND	Flex1: Color Flex2: Flash	RED Flash Steady	
7	[DND] One-Time	Flex1: Color Flex2: Flash	RED 60 IPM	
8	[DND] Preselect MSG	Flex1: Color Flex2: Flash	RED 15 IPM	
9	[CALL BK] ACNR	Flex1: Color Flex2: Flash	RED 480 IPM	
10	[SPK] Speaker	Flex1: Color Flex2: Flash	RED Flash Steady	
11	[SPK] Headset	Flex1: Color Flex2: Flash	RED Flash Steady	
12	[SPK] Incoming Call	Flex1: Color Flex2: Flash	RED 60 IPM	
13	[HOLD] Paging	Flex1: Color Flex2: Flash	RED 60 IPM	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
14	[HOLD] Voice Over	Flex1: Color Flex2: Flash	RED 60 IPM	
15	[HOLD] ICM Hold	Flex1: Color Flex2: Flash	RED 60 IPM	
16	[RING] ICM Ring	Flex1: Color Flex2: Flash	RED 60 IPM	
17	[RING] CO Ring	Flex1: Color Flex2: Flash	RED 60 IPM	
18	[RING] MSG Wait	Flex1: Color Flex2: Flash	RED 60 IPM	
19	[HEADSET] Headset	Flex1: Color Flex2: Flash	RED Flash Steady	
20	[HEADSET] Bluetooth	Flex1: Color Flex2: Flash	RED 60 IPM	
21	[DN] I Use	Flex1: Color Flex2: Flash	RED Flash Steady	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
22	[DN] Other Use	Flex1: Color Flex2: Flash	RED Flash Steady	
23	[DN] DND	Flex1: Color Flex2: Flash	RED Flash off	
24	[DN] Incoming Call	Flex1: Color Flex2: Flash	RED 60 IPM	
25	[DN] Hold	Flex1: Color Flex2: Flash	RED 60 IPM	
26	[DN] Call Forward	Flex1: Color Flex2: Flash	RED Flash off	
27	[DN] I Conference	Flex1: Color Flex2: Flash	RED Flash Steady	
28	[DN] Other Conference	Flex1: Color Flex2: Flash	RED Flash Steady	
29	[DN] Conf Supervisor	Flex1: Color Flex2: Flash	RED 60 IPM	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
30	[DSS] Incoming Call	Flex1: Color Flex2: Flash	RED 60 IPM	
31	[DSS] Busy	Flex1: Color Flex2: Flash	RED Flash Steady	
32	[DSS] DND	Flex1: Color Flex2: Flash	RED Flash off	
33	[DSS] Call Forward	Flex1: Color Flex2: Flash	RED Flash off	
34	[DSS] Handset-Lift	Flex1: Color Flex2: Flash	RED Flash off	
35	[DSS] Preselected MSG	Flex1: Color Flex2: Flash	RED Flash off	
36	[DSS] Hold	Flex1: Color Flex2: Flash	RED Flash Steady	
37	[CO] CO Ring	Flex1: Color Flex2: Flash	RED 60 IPM	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
38	[CO] Co Talk	Flex1: Color Flex2: Flash	RED Flash Steady	
39	[DN] VM Message Wait	Flex1: Color Flex2: Flash	RED 120 IPM	
40	[DSS] VM Message Wait	Flex1: Color Flex2: Flash	RED 120 IPM	
41	[CO] Command Group Ring	Flex1: Color Flex2: Flash	RED 60 IPM	
42	[CO] Command Group Talk	Flex1: Color Flex2: Flash	RED Flash Steady	
43	[CO] I Talk	Flex1: Color Flex2: Flash	RED Flash Steady	
44	[CO] Hold	Flex1: Color Flex2: Flash	RED 60 IPM Wink	
45	[CO] I HOLD	Flex1: Color Flex2: Flash	RED 60 IPM Wink	
46	[CO] Recall	Flex1: Color Flex2: Flash	RED 480 IPM Flutter	
47	[DSS] Emergency Alert	Flex 1: Color Flex 2: Flash	RED 480IPM Flutter	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
48	[DSS] HOTEL VIP WAKE UP	Flex 1: Color Flex 2: Flash	RED 240 IPM Flutter	
PGM Code: 235 – PPP Attributes				
1	PPP Usage	1: ON, 0: OFF	OFF	
2	PPP Destination	Station		
3	User ID 1			
4	User Password 1			
5	User ID 2			
6	User Password 2			
PGM Code: 236 – Mobile Attributes				
1	Mobile Flash Digit	Max. 2 Digit	*	
2	Mobile Input Time	01–20	5	
PGM Code: 237 – Intercom Busy Digit				
1	Step Call	EN/DIS	DISABLE	
2	Digit '1' Service	0-7	Not Assign	0: Not Assign 1: Call-Back 2: Camp-On 3: Call Wait 4: Voice Over 5: Intrusion 6: Pilot Hunt 7: Override
3	Digit '2' Service	0-7	Not Assign	
4	Digit '3' Service	0-7	Not Assign	
5	Digit '4' Service	0-7	Call Wait	
6	Digit '5' Service	0-7	Voice-Over	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
7	Digit '6' Service	0-7	Not Assign	
8	Digit '7' Service	0-7	Not Assign	
9	Digit '8' Service	0-7	Not Assign	
10	Digit '9' Service	0-7	Not Assign	
11	Digit '0' Service	0-7	Not Assign	
12	Digit '*' Service	0-7	Not Assign	
13	Digit '#' Service	0-7	Not Assign	
PGM Code: 238 – SMDR Cost Attribute				
1	COST Currency Unit			
2	Cost per Metering Pulse			
3	COST Fraction	0-5		
4	Incoming call cost per minute	6 digits	000000	
5	Normal Outgoing call cost per minute	6 digits	000000	
6	Local call cost per minute	6 digits	000000	
7	Long call cost per minute	6 digits	000000	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
8	International call cost per minute	6 digits	000000	
9	Dedicated Line call cost per minute	6 digits	000000	
10	Mobile call cost per minute	6 digits	000000	
PGM Code: 240 – Dial-Tone Digit Table				
	Dummy dial-Tone Digit	Max. 6 Digits		
PGM Code: 241 – Executive / Secretary Assign				
1	Executive Number	Station		
2	Secretary 1–3	1–3 Station		
3	ICM Call to Exec.	0: Secretary 1: Sec if Exec DND	Secretary	
4	CO Call To Exec.	0: Secretary 1: Sec if Exec DND	Secretary	
5	Call Executive	0: Off 1: First Sec DND 2: All Sec DND	Off	
6	Sec. Choice	0: First Idle 1: Longest Idle	First Idle	
7	Message Wait Station	0: Executive 1: First Secretary	Executive	
PGM Code: 242 – Executive Access				
	Executive / Executive Access	Each Exec EN/DIS	All DISABLE	
PGM Code 243 – VM COS Attributes				
1	Greeting Length	00-99	60	sec
2	Message Length	1-999	60	sec
3	Number of Messages	1-250	99	
4	Retention Time	0-99	00	Days
5	E-Mail Notification	1: ON, 0: OFF	ON	
6	Future Delivery Message	1: ON, 0: OFF	OFF	
7	Confirm Message Receipt	1: ON, 0: OFF	OFF	
8	Private Message Mark	1: ON, 0: OFF	OFF	

BTN	SUB-MENU		RANGE	DEFAULT	REMARK
PGM Code 244 – System Alternative Destination					
1	Day	Flex 1 – Busy	Flex 1 – DEST	Disconnect	[Destination] 1: Disconnect 2: Attendant 3: CO Ring Assign 4: ALT Ring Table 5: Tone 6: Pilot Hunt Group 7: Ring 8: Transfer Station
			Flex 2 – Prompt	OFF	
		Flex2 – No-Answer	Flex1 - DEST	Disconnect	
			Flex2 – Prompt	OFF	
		Flex3 – Vacant Number	Flex1 - DEST	Disconnect	
			Flex2 – Prompt	OFF	
		Flex4 – Transfer No-Answer	Flex1 - DEST	Transfer Station	
			Flex2 – Prompt	OFF	
		Flex5 – Recall No-Answer	Flex1 - DEST	Disconnect	
			Flex2 – Prompt	OFF	
		Flex6 – DND	Flex1 - DEST	Disconnect	
			Flex2 – Prompt	OFF	
		Flex7 – Handset Lifted	Flex1 - DEST	Disconnect	
			Flex2 – Prompt	OFF	
		Flex8 – Error	Flex1 - DEST	CO Ring Assign	
			Flex2 – Prompt	OFF	
2	Night	Flex1 – Busy	Flex1 - DEST	Disconnect	[Destination] 1: Disconnect 2: Attendant 3: CO Ring Assign 4: ALT Ring Table 5: Tone 6: Pilot Hunt Group 7: Ring 8: Transfer Station
			Flex2 – Prompt	OFF	
		Flex2 – No-Answer	Flex1 - DEST	Disconnect	
			Flex2 – Prompt	OFF	
		Flex3 – Vacant Number	Flex1 - DEST	Disconnect	
			Flex2 – Prompt	OFF	
		Flex4 – Transfer No-Answer	Flex1 - DEST	Transfer Station	
			Flex2 – Prompt	OFF	
		Flex5 – Recall No-Answer	Flex1 - DEST	Disconnect	
			Flex2 – Prompt	OFF	
		Flex6 – DND	Flex1 - DEST	Disconnect	
			Flex2 – Prompt	OFF	
		Flex7 – Handset Lifted	Flex1 - DEST	Disconnect	
			Flex2 – Prompt	OFF	
		Flex8 – Error	Flex1 - DEST	CO Ring Assign	
			Flex2 – Prompt	OFF	

BTN	SUB-MENU		RANGE	DEFAULT	REMARK
3	Timed	Flex1 – Busy	Flex1 - DEST	Disconnect	[Destination] 1: Disconnect 2: Attendant 3: CO Ring Assign 4: ALT Ring Table 5: Tone 6: Pilot Hunt Group 7: Ring 8: Transfer Station
			Flex2 – Prompt	OFF	
		Flex2 – No-Answer	Flex1 - DEST	Disconnect	
			Flex2 – Prompt	OFF	
		Flex3 – Vacant Number	Flex1 - DEST	Disconnect	
			Flex2 – Prompt	OFF	
		Flex4 – Transfer No-Answer	Flex1 - DEST	Transfer Station	
			Flex2 – Prompt	OFF	
		Flex5 – Recall No-Answer	Flex1 - DEST	Disconnect	
			Flex2 – Prompt	OFF	
		Flex6 – DND	Flex1 - DEST	Disconnect	
			Flex2 – Prompt	OFF	
		Flex7 – Handset Lifted	Flex1 - DEST	Disconnect	
			Flex2 – Prompt	OFF	
		Flex8 – Error	Flex1 - DEST	CO Ring Assign	
			Flex2 – Prompt	OFF	
PPTP Attributes					
Server 1-4	PPTP Server Address		Max. 32 Ch		
	PPTP ID		Max. 24 Ch		
	PPTP Password		Max. 24 Ch		
	PPTP Service CLI		Max. 23 Digits		

Table 3.4-8 TABLE DATA

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
PGM Code 250 – Toll Exception Table				
1	Allow Table (Index 001-100)	Max. 16 Digits		
	Tenant	ON/OFF	ON	
2	Deny Table (Index 001 -100)	Max. 16 Digits		
	Tenant	ON/OFF	ON	
PGM Code 251 – Digit Conversion Table				
	Digit Conversion Table 1-9 Each Table Index 001-300			
1	Apply Time Type	0: Unconditional 1: Follow Day/Night/ Timed 2: Follow LCR	Unconditional	
2	Dialed Digit	Max.16 Digits		
3	Unconditional Changed Digit	Max.16 Digits		When Apply Time Type is “Unconditional”
4	Day Changed Digit	Max.16 Digits		When Apply Time Type is “Follow Day/Night/Timed”
5	Night Changed Digit	Max.16 Digits		When Apply Time Type is “Follow Day/Night/Timed”

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
6	Timed Changed Digit	Max.16 Digits		When Apply Time Type is “Follow Day/Night/Timed”
7	Day1-Time1 Changed Digit	Max.16 Digits		When Apply Time Type is “Follow LCR”
8	Day1-Time2 Changed Digit	Max.16 Digits		When Apply Time Type is “Follow LCR”
9	Day1-Time3 Changed Digit	Max.16 Digits		When Apply Time Type is “Follow LCR”
10	Day2-Time1 Changed Digit	Max.16 Digits		When Apply Time Type is “Follow LCR”
11	Day2-Time2 Changed Digit	Max.16 Digits		When Apply Time Type is “Follow LCR”
12	Day2-Time3 Changed Digit	Max.16 Digits		When Apply Time Type is “Follow LCR”
13	Day3-Time1 Changed Digit	Max.16 Digits		When Apply Time Type is “Follow LCR”
14	Day3-Time2 Changed Digit	Max.16 Digits		When Apply Time Type is “Follow LCR”
15	Day3-Time3 Changed Digit	Max.16 Digits		When Apply Time Type is “Follow LCR”
16	DNT Time Table Index	1-9, none	None	
17	LCR Time Table Index	1-9, none	None	
18	DID Name	Max. 16 chars		
19	Apply option	0: all 1: station 2: co line 3: disable	all	
PGM Code 252 – Digit Conversion Option				
	Digit Conversion Table 1-9			
1	Display Conversion Digit	1: ON, 0: OFF	OFF	
2	Print Conversion Digit	1: ON, 0: OFF	OFF	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
PGM Code 253 – System Time Table				
	System Time Table 1-9			
1	Time Zone Comment	Max. 32 Ch		
2	Time Zone	System Time / GMT Time		
3	Daylight Saving Time	1: ON, 0: OFF	OFF	
4	Ring Mode	0: Day 1: Night 2: Timed	Day	
5	Auto Ring Mode	1: ON, 0: OFF	OFF	
PGM Code 254 – Weekly Time Table				
	Weekly Time Table 1-9			
1	Monday	Flex1: Day Start Time Flex2: Night Start Time Flex3: Timed Start Time Flex4: Timed End Time Flex5: Work / Holiday	09: 00 18: 00 Workday	
2	Tuesday	Flex1: Day Start Time Flex2: Night Start Time Flex3: Timed Start Time Flex4: Timed End Time Flex5: Work / Holiday	09: 00 18: 00 Workday	
3	Wednesday	Flex1: Day Start Time Flex2: Night Start Time Flex3: Timed Start Time Flex4: Timed End Time Flex5: Work / Holiday	09: 00 18: 00 Workday	
4	Thursday	Flex1: Day Start Time Flex2: Night Start Time Flex3: Timed Start Time Flex4: Timed End Time Flex5: Work / Holiday	09: 00 18: 00 Workday	
5	Friday	Flex1: Day Start Time Flex2: Night Start Time Flex3: Timed Start Time Flex4: Timed End Time Flex5: Work / Holiday	09: 00 18: 00 Workday	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
6	Saturday	Flex1: Day Start Time Flex2: Night Start Time Flex3: Timed Start Time Flex4: Timed End Time Flex5: Work / Holiday	 00: 00 Holiday	
7	Sunday	Flex1: Day Start Time Flex2: Night Start Time Flex3: Timed Start Time Flex4: Timed End Time Flex5: Work / Holiday	 00: 00 Holiday	
PGM Code 255 – LCR Time Table				
	LCR Time Table 1-9			
1	Day Zone Definition Monday Tuesday Wednesday Thursday Friday Saturday Sunday	Zone1 / Zone2 / zone3	 Zone 1 Zone 1 Zone 1 Zone 1 Zone 1 Zone 1 Zone 1	
2	Day Zone 1	Flex1: Time Zone1 Flex1: Time Zone2 Flex1: Time Zone3	00: 00	
3	Day Zone 2	Flex1: Time Zone1 Flex1: Time Zone2 Flex1: Time Zone3	00: 00	
4	Day Zone 3	Flex1: Time Zone1 Flex1: Time Zone2 Flex1: Time Zone3	00: 00	
PGM Code 256 – Holiday Time Table				
	Holiday Table 1-9 Each Table Index 01-50			
1	Lunar Calendar	1: Lunar 0: Gregorian	Gregorian	
2	Holiday Date			
PGM Code 257 – System Speed dial				
	Speed Dial Table Index 2000 – 3999			
1	System Speed Dial	Max. 32 Digits		
2	System Speed Name	Max. 16 Ch		
3	Toll Free	1: ON, 0: OFF	OFF	
4	Tenant Number	1-9(MG-300) 1-5(MG-100)	1	

BTN	SUB−MENU	RANGE	DEFAULT	REMARK
PGM Code 258 – Emergency Code Table				
	Emergency Table Index 01−50			
1	Dialed Digit	Max. 16 Digits		
2	Changed Digit	Max. 16 Digits		
3	Tenant number	1−9(MG−300) 1−5(MG−100)	1	
PGM Code 259 – Announcement Table				
	Announcement Table Index 001−100			
1	First	1: VMIB Slot 2: Announce Num		
2	Second	1: VMIB Slot 2: Announce Num		
3	Third	1: VMIB Slot 2: Announce Num		
4	Fourth	1: VMIB Slot 2: Announce Num		
5	CCR	1−100		
6	Multi-Language announce table index	1-100, Not use	Not use	
PGM Code 260 – CCR Table				
	CCR Table Index 001−100			
1	Digit ‘1’		Not Assign	Not Assign Station Number Station Group ACD Group CCR CCR Drop System Speed Conference Room Attendant Call VMIB Access Networking Num Internal Paging External Paging All Call Paging Company Directory Record VM Greet. Digits
	DISA	ON/OFF	ON	
2	Digit ‘2’		Not Assign	
	DISA	ON/OFF	ON	
3	Digit ‘3’		Not Assign	
	DISA	ON/OFF	ON	
4	Digit ‘4’		Not Assign	
	DISA	ON/OFF	ON	
5	Digit ‘5’		Not Assign	
	DISA	ON/OFF	ON	
6	Digit ‘6’		Not Assign	
	DISA	ON/OFF	ON	
7	Digit ‘7’		Not Assign	
	DISA	ON/OFF	ON	

BTN	SUB−MENU	RANGE	DEFAULT	REMARK
8	Digit '8'		Not Assign	
	DISA	ON/OFF	OFF	
9	Digit '9'		Not Assign	
	DISA	ON/OFF	OFF	
10	Digit '0'		Not Assign	
	DISA	ON/OFF	OFF	
11	Digit '*'		Not Assign	
	DISA	ON/OFF	OFF	
12	Digit '#'		Not Assign	
	DISA	ON/OFF	OFF	
13	Alt Dest	001-100	Not Assign	
PGM Code 261 - Authorization Code Table				
	Authorization Code Table Index 001-100			
1	Author Code	Max. 12 Digits		
PGM Code 262 – ICLID Table				
	ICLID Table Index 001−250			
1	ICLID Number	Max.24 Digits		
2	ICLID Name	Max.16 Ch		
3	Incoming CO Group Number	1–72		
4	Day Index	1–80		
5	Night Index	1–80		
6	Timed Index	1–80		
7	Tenant Number	1−9(MG−300) 1−5(MG−100)	1	
8	Exception Table Index	1-5		
PGM Code 263 – CLI Conversion Table				
	CLI Table 1−9 Each Table Index 01−50			
1	Original CLI	Max.24 Digits		
2	Converted CLI	Max.24 Digits		
PGM Code 264 – Tone Frequency/Cadence Table				
	19 Tone Source is Defined with Each Frequency and Cadence. Refer to 2.3.7.14 Tone Port Table (Web Admin Only)			
PGM Code 265 – Ring Table (Web Only)				
1	Normal Call Ring (Station)	1st: Ring Port 1−15 2nd Ring Port 1−15 3rd Ring Port 1−15 4th Ring Port 1−15	5 6 7 8	
2	Normal Call Ring (CO)	1st: Ring Port 1−15 2nd Ring Port 1−15 3rd Ring Port 1−15 4th Ring Port 1−15	9 10 11 12	
3	Recall Ring (Station)	1st: Ring Port 1−15 2nd Ring Port 1−15 3rd Ring Port 1−15 4th Ring Port 1−15	5 6 7 8	
4	Recall Ring (CO)	1st: Ring Port 1−15	9	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
		2nd Ring Port 1-15	10	
		3rd Ring Port 1-15	11	
		4th Ring Port 1-15	12	
5	Forward Call Ring (Station)	1st: Ring Port 1-15	5	
		2nd Ring Port 1-15	6	
		3rd Ring Port 1-15	7	
		4th Ring Port 1-15	8	
6	Forward Call Ring (CO)	1st: Ring Port 1-15	9	
		2nd Ring Port 1-15	10	
		3rd Ring Port 1-15	11	
		4th Ring Port 1-15	12	
7	Transfer Call Ring (Station)	1st: Ring Port 1-15	5	
		2nd Ring Port 1-15	6	
		3rd Ring Port 1-15	7	
		4th Ring Port 1-15	8	
8	Transfer Call Ring (CO)	1st: Ring Port 1-15	9	
		2nd Ring Port 1-15	10	
		3rd Ring Port 1-15	11	
		4th Ring Port 1-15	12	
9	Call Back Indication Ring	1st: Ring Port 1-15	1	
		2nd Ring Port 1-15	1	
		3rd Ring Port 1-15	1	
		4th Ring Port 1-15	1	
10	Wakeup Indication Ring	1st: Ring Port 1-15	1	
		2nd Ring Port 1-15	1	
		3rd Ring Port 1-15	1	
		4th Ring Port 1-15	1	
11	Revertible Ring	1st: Ring Port 1-15	1	
		2nd Ring Port 1-15	1	
		3rd Ring Port 1-15	1	
		4th Ring Port 1-15	1	
12	Paging Call Ring	1st: Ring Port 1-15	5	
		2nd Ring Port 1-15	5	
		3rd Ring Port 1-15	5	
		4th Ring Port 1-15	5	
13	Handsfree Answer Ring	1st: Ring Port 1-15	5	
		2nd Ring Port 1-15	5	
		3rd Ring Port 1-15	5	
		4th Ring Port 1-15	5	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
14	Command Call Ring	1st: Ring Port 1-15	5	
		2nd Ring Port 1-15	5	
		3rd Ring Port 1-15	5	
		4th Ring Port 1-15	5	
15	Msg Alert Ring	1st: Ring Port 1-15	1	
		2nd Ring Port 1-15	1	
		3rd Ring Port 1-15	1	
		4th Ring Port 1-15	1	
16	Make Call Alert Ring	1st: Ring Port 1-15	1	
		2nd Ring Port 1-15	1	
		3rd Ring Port 1-15	1	
		4th Ring Port 1-15	1	
17	Alarm Ring	1st: Ring Port 1-15	13	
		2nd Ring Port 1-15	13	
		3rd Ring Port 1-15	13	
		4th Ring Port 1-15	13	
18	Fault Ring	1st Ring Port 1-15	14	
		2nd Ring Port 1-15	14	
		3rd Ring Port 1-15	14	
		4th Ring Port 1-15	14	
19	DID Call Ring (CO)	1st: Ring Port 1-15	9	
		2nd Ring Port 1-15	10	
		3rd Ring Port 1-15	11	
		4th Ring Port 1-15	12	
20	Emergency Alert Ring	1st Ring Port 1-15	14	
		2nd Ring Port 1-15	14	
		3rd Ring Port 1-15	14	
		4th Ring Port 1-15	14	
21	Bath Alarm Ring	1st Ring Port 1-15	13	
		2nd Ring Port 1-15	13	
		3rd Ring Port 1-15	13	
		4th Ring Port 1-15	13	
22	VIP Wakeup Ring	1st Ring Port 1-15	1	
		2nd Ring Port 1-15	1	
		3rd Ring Port 1-15	1	
		4th Ring Port 1-15	1	
PGM Code 266 – Ring Frequency/Cadence Table				
				15 Ring Source is Defined with Each Frequency and Cadence (refer to 2.3.7.15 Ring Table (Web Admin Only)).
PGM Code 267 – ICLID Exception Table				
1	Dialed Digit	16 digits		
PGM Code 268 – R2 Signal Group Table (Web Admin Only)				
				R2 forward and backward signals are defined.

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
PGM Code 269 – Voice Mail Dial Table				
1	Voice Mail 1 - Put	1: Prefix: 2: Suffix	P#	Max.12 Digits 0–9, *, #, P (Pause), F (Flash)
2	Voice Mail 2 - Get	1: Prefix: 2: Suffix	P##	
3	Voice Mail 3 - Busy	1: Prefix: 2: Suffix	P#*3P	
4	Voice Mail 4 - No Answer	1: Prefix: 2: Suffix	P#*4P	
5	Voice Mail 5 – Error	1: Prefix: 2: Suffix	P#*5P	
6	Voice Mail 6 – DND	1: Prefix: 2: Suffix	P#*6P	
7	Voice Mail 7	1: Prefix: 2: Suffix		
8	Voice Mail 8	1: Prefix: 2: Suffix		
9	Voice Mail 9 - Disconnect		*****	

Table 3.4-9 TENANT DATA

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
PGM Code 270 – ATD Group Assignment				
1	Group Type	0: Terminal 1: Circular 2: Ring 3: Longest Idle	Terminal	
2	Group Name	Max.16 Ch		
3	CO Attendant Number	Station		
4	Member	Station	First Station	
PGM Code 271 – ATD Group Attributes I				
1	Greeting Tone Type	1. Normal 2. Prompt 3. Annc 4. INT MOH 5. EXT MOH 6. VMIB MOH1 7. VMIB MOH2 8. VMIB MOH3 9. VMIB MOH4 10. SLT MOH1 11. SLT MOH2 12. SLT MOH3 13. SLT MOH4 14. SLT MOH5	Normal	
2	Greeting Play Timer	000-180	0	1sec
3	Greeting Tone No	01-19		
4	Greeting Prompt/Announcement Table No	001-255		
5	Greeting Repeat Count	000-100	3	
6	Greeting Repeat Delay Timer	000-100	0	1sec
7	Queuing Tone Type	1. Normal 2. Prompt	INT MOH	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
		3. Annc 4. INT MOH 5. EXT MOH 6. VMIB MOH1 7. VMIB MOH2 8. VMIB MOH3 9. VMIB MOH4 10. SLT MOH1 11. SLT MOH2 12. SLT MOH3 13. SLT MOH4 14. SLT MOH5		
8	Greeting/Queuing Timeout Timer	000-300	30	1sec
9	Queuing Tone No	01-19		
10	Queuing Prompt/Announcement Table No	001-255		
11	Queuing Repeat Count	000-100	3	
12	Queuing Repeat Delay Timer	000-100	0	1sec
13	CCR during First Queuing Announcement	0-1	0	
14	2nd Queuing Tone Type	1. Normal 2. Prompt 3. Annc 4. INT MOH 5. EXT MOH 6. VMIB MOH1 7. VMIB MOH2 8. VMIB MOH3 9. VMIB MOH4 10. SLT MOH1 11. SLT MOH2 12. SLT MOH3 13. SLT MOH4 14. SLT MOH5	INT MOH	
15	2nd Queuing Forward Timer	000-300 (seconds)	30	
16	2nd Queuing Tone No	01-19	NOT ASG	
17	2nd Queuing Prompt/Announcement Table No	001-255	NOT ASG	
18	2nd Queuing Repeat Count	000-100	3	
19	2nd Queuing Repeat Delay Timer	000-100 (seconds)	0	
20	2nd CCR during second Queuing Announcement	0-1	0	
PGM Code 272 – ATD Group Attributes II				
1	Call In Greeting	0. After Greeting 1. In Greeting	In Greeting	
2	Max Queue Count	00-99	5	
3	Forward Type	0. NOT USED 1. UNCOND 2. Q Overflow 3. Time out 4. All	NOT USED	
4	Apply Time Type	0. ALL 1. DAY 2. NIGHT	ALL	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
		3. TIMED		
5	Forward Destination	Max. 16 Digits		
6	Wrap-Up Timer	000-600	5	100msec
7	Member No-Answer Timer	05-60	15	1sec
8	Attendant Call by Station Number	1: ON, 0: OFF	OFF	
9	Ring No-Answer Forward Timer	0-180	0	1sec
10	Provide Announcement with Answer	0: with answer 1: w/o answer	With answer	
11	Ring Service for member in forward	0: No ring 1: Ring to forwarded station	No Ring	
PGM Code 275 -Night ATD Group Assignment				
1	Group Type	0: Terminal 1: Circular 2: Ring 3: Longest Idle	Terminal	
2	Group Name	Max.16 Ch		
3	Member	Station	First Station	
PGM Code 276 – Night ATD Group Attributes I				
1	Greeting Tone Type	1. Normal 2. Prompt 3. Annc 4. INT MOH 5. EXT MOH 6. VMIB MOH1 7. VMIB MOH2 8. VMIB MOH3 9. VMIB MOH4 10. SLT MOH1 11. SLT MOH2 12. SLT MOH3 13. SLT MOH4 14. SLT MOH5	Normal	
2	Greeting Play Timer	000-180	0	1sec
3	Greeting Tone No	01-19		
4	Greeting Prompt/Announcement Table No	001-255		
5	Greeting Repeat Count	000-100	3	
6	Greeting Repeat Delay Timer	000-100	0	1sec
7	Queuing Tone Type	1. Normal 2. Prompt 3. Annc 4. INT MOH 5. EXT MOH 6. VMIB MOH1 7. VMIB MOH2 8. VMIB MOH3 9. VMIB MOH4 10. SLT MOH1 11. SLT MOH2 12. SLT MOH3 13. SLT MOH4 14. SLT MOH5	INT MOH	
8	Greeting/Queuing Timeout Timer	000-300	30	1sec
9	Queuing Tone No	01-19		
10	Queuing Prompt/Announcement Table	001-255		

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
	No			
11	Queuing Repeat Count	000-100	3	
12	Queuing Repeat Delay Timer	000-100	0	1sec
13	CCR during First Queuing Announcement	0-1	0	
14	2nd Queuing Tone Type	1. Normal 2. Prompt 3. Annc 4. INT MOH 5. EXT MOH 6. VMIB MOH1 7. VMIB MOH2 8. VMIB MOH3 9. VMIB MOH4 10. SLT MOH1 11. SLT MOH2 12. SLT MOH3 13. SLT MOH4 14. SLT MOH5	INT MOH	
15	2nd Queuing Forward Timer	000-300(seconds)	30	
16	2nd Queuing Tone No	01-19	NOT ASG	
17	2nd Queuing Prompt/Announcement Table No	001-255	NOT ASG	
18	2nd Queuing Repeat Count	000-100	3	
19	2nd Queuing Repeat Delay Timer	000-100(seconds)	0	
20	2nd CCR during Second Queuing Announcement	0-1	0	
PGM Code 277 – Night ATD Group Attributes II				
1	Call In Greeting	0. After Greeting 1. In Greeting	In Greeting	
2	Max Queue Count	00-99	5	
3	Forward Type	0. NOT USED 1. UNCOND 2. Q Overflow 3. Time out 4. All	NOT USED	
4	Apply Time Type	0. ALL 1. DAY 2. NIGHT 3. TIMED	ALL	
5	Forward Destination	Max.16 digits		
6	Wrap-Up Timer	000-600	10	100msec
7	Member No-Answer Timer	05-60	15	1sec
8	Ring No-Answer Forward Timer	0-180	0	1sec
9	Provide Announcement with answer	0: with answer 1: w/o answer	With answer	
PGM Code 280 – Tenant Attributes I				
1	Tenant Name	Max.16 Ch		
2	Tenant Name Display	1: ON, 0: OFF	OFF	
3	Tenant Time Table Index	1-9	1	
4	ACNR Retry Count	00-30	3	
5	Wake Up Retry Count	0-5	3	
6	Wake Up Retry Time	00-20	1	
7	Auth Retry Count	0-5	3	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
8	Multi-Call Forward Service Count	01-10	5	
PGM Code 281 – Tenant Attributes II				
1	Conference Member Manual Add	1: ON, 0: OFF	ON	
2	Redial Method	0: One Touch All 1: One Touch Log Phone 2: List Dial	List Dial	
3	Dial Digit Process	0: Type 1 1: Type 2 2: Type 3	Type 3	Type1: Restrict -> Convert -> CO Seize Type2: Convert -> Co Seize -> Restrict All Digit Type3: Convert -> CO Seize -> Restrict External number
4	Transfer CO Call to COS 0 Station	1: ON, 0: OFF	ON	
5	Add CO Access Code to Incoming Call Log	1: ON, 0: OFF	OFF	
6	Codec Type	1: G.711 2: G.723 3: G.729 4: G.722	G.711	
7	Backlight Option	0.All Off 1.Day On 2.Night On 3.Timed On 4.D/N On 5.D/T On 6.N/T On 7.All On	Day On	
8	Reserved			
9	Emergency CO Usage	1: ON 0: OFF	OFF	
PGM Code 283 – Tenant Group Access				
	Between Tenant Group Access	EN/DIS	All DISABLE	
PGM Code 284 – CO Call Restriction I				
1	Restriction (ICM Call)	0: No restriction 1: Restriction	No Restriction	
2	Restriction (Incoming Call)	0: No restriction 1: Restriction	No Restriction	
3	Restriction (Normal Outgoing Call)	0: No restriction 1: Restriction	No Restriction	
4	Restriction (Prefix Outgoing Call)	0: No Restriction 1: All Call 2: Long / International Call 3. International Call	No Restriction	
5	Restriction (Dedicated CO Line)	0: No restriction	No Restriction	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
		1: Restriction		
6	Restriction (Mobile Call)	0: No restriction 1: Restriction	No Restriction	
7	Service After Restriction Time (ICM Call)	0:Single tone 1:Repeat tone 2:Warning tone & Drop	Warning tone & Drop	
8	Service After Restriction Time (Incoming Call)	0:Single tone 1:Repeat tone 2:Warning tone & Drop	Warning tone & Drop	
9	Service After Restriction Time (Normal Outgoing Call)	0:Single tone 1:Repeat tone 2:Warning tone & Drop	Warning tone & Drop	
10	Service After Restriction Time (Local Call)	0:Single tone 1:Repeat tone 2:Warning tone & Drop	Warning tone & Drop	
11	Service After Restriction Time (Long Distance Call)	0:Single tone 1:Repeat tone 2:Warning tone & Drop	Warning tone & Drop	
12	Service After Restriction Time (International Call)	0:Single tone 1:Repeat tone 2:Warning tone & Drop	Warning tone & Drop	
13	Service After Restriction Time (Dedicated Call)	0:Single tone 1:Repeat tone 2:Warning tone & Drop	Warning tone & Drop	
14	Service After Restriction Time (Mobile Call)	0:Single tone 1:Repeat tone 2:Warning tone & Drop	Warning tone & Drop	
PGM Code 285 – CO Call Restriction II				
1	Tone Repeat Time (ICM Call)	10-254	20	1sec
2	Tone Repeat Time (Incoming Call)	10-254	20	1sec
3	Tone Repeat Time (Normal Outgoing Call)	10-254	20	1sec
4	Tone Repeat Time (Local Call)	10-254	20	1sec
5	Tone Repeat Time (Long Call)	10-254	20	1sec
6	Tone Repeat Time (International Call)	10-254	20	1sec
7	Tone Repeat Time (Dedicated Call)	10-254	20	1sec
8	Tone Repeat Time (Mobile Call)	10-254	20	1sec
9	Forced Disconnection Time (ICM Call)	10-60	15	1sec
10	Forced Disconnection Time (Incoming Call)	10-60	15	1sec
11	Forced Disconnection Time (Normal Outgoing Call)	10-60	15	1sec
12	Forced Disconnection Time (Local Call)	10-60	15	1sec
13	Forced Disconnection Time (Long Call)	10-60	15	1sec
14	Forced Disconnection Time (International Call)	10-60	15	1sec
15	Forced Disconnection Time (Dedicated Call)	10-60	15	1sec
16	Forced Disconnection Time (Mobile Call)	10-60	15	1sec
17	Call Restriction Time (ICM Call)	1-100	3	1min
18	Call Restriction Time (Incoming Call)	1-100	3	1min
19	Call Restriction Time (Normal Outgoing Call)	1-100	3	1min
20	Call Restriction Time (Local Call)	1-100	3	1min
21	Call Restriction Time (Long Call)	1-100	3	1min

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
22	Call Restriction Time (International Call)	1-100	3	1min
23	Call Restriction Time (Dedicated Call)	1-100	3	1min
24	Call Restriction Time (Mobile Call)	1-100	3	1min
PGM Code 286 – Local Call Prefix Table				
	Local Prefix Table Index 01 -50			
1	Local Call Prefix Value	Max.4 Digits		
PGM Code 287 – Long Call Prefix Table				
	Long Prefix Table Index 01 -50			
1	Long Call Prefix Value	Max.4 Digits		
PGM Code 288 – International Call Prefix				
	International Prefix Table Index 01 -50			
1	International Call Prefix Value	Max.4 Digits		
PGM Code 289 – Mobile Call Prefix				
	Mobile Prefix Table Index 01 -50			
1	Mobile Call Prefix Value	Max.4 Digits		
PGM Code 290 – Tone Table				
1	1st Dial Tone	Tone Type Time Tone Number	Normal 10 sec 10	Tone Type: 1: Normal 2: Prompt 3: Announcement 4: Internal MOH 5: External MOH 6: VMIB MOH 1 7: VMIB MOH 2 8: VMIB MOH 3 9: VMIB MOH 4 10: SLT MOH 1 11: SLT MOH 2 12: SLT MOH 3 13: SLT MOH 4 14: SLT MOH 5 Tone Number: Index of Tone Frequency Table(PGM 264) or Prompt Announcement Number
2	2nd Dial Tone	Tone Type Time Tone Number	Normal 10 sec 11	
3	CO Dial Tone	Tone Type Time Tone Number	Normal 10 sec 17	
4	DISA Dial Tone	Tone Type Time Tone Number	Normal 10 sec 10	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
5	LCR Virtual Tone	Tone Type Time Tone Number	Normal 10 sec 17	
6	Digit Conversion Virtual Tone	Tone Type Time Tone Number	Normal 10 sec 17	
7	Password Dial Tone	Tone Type Time Tone Number	Prompt 10 sec 10	
8	Internal Busy Tone	Tone Type Time Tone Number	Normal 10 sec 10	
9	External Busy Tone	Tone Type Time Tone Number	Prompt 5 sec 11	
10	CO Line Busy Tone	Tone Type Time Tone Number	Normal 10 sec 16	
11	Uncompleted Dial Error Tone	Tone Type Time Tone Number	Normal 180 sec 1	
12	DOD Restriction Tone	Tone Type Time Tone Number	Normal 20 sec 1	
13	Internal No-Answer Tone	Tone Type Time Tone Number	Prompt 20 sec 15	
14	External No-Answer Tone	Tone Type Time Tone Number	Prompt 10 sec 15	
15	Internal Vacant Error Tone	Tone Type Time Tone Number	Prompt 20 sec 3	
16	External Vacant Error Tone	Tone Type Time Tone Number	Prompt 5 sec 3	
17	Call Duration Restriction Tone	Tone Type Time Tone Number	Normal 20 sec 1	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
18	Anonymous Call Restriction Tone	Tone Type Time Tone Number	Normal 20 sec 1	
19	Error Tone (All the other cases)	Tone Type Time Tone Number	Normal 20 sec 1	
20	Relative Blocking	Tone Type Time Tone Number	Normal 20 sec 1	
21	Relative Line Lock Out	Tone Type Time Tone Number	Normal 20 sec 1	
22	Relative Do Not Disturb	Tone Type Time Tone Number	Prompt 5 sec 28	
23	Relative Absence	Tone Type Time Tone Number	Normal 5 sec 1	
24	Relative Out of Order	Tone Type Time Tone Number	Prompt 5 sec 54	
25	External Relative Out of Order	Tone Type Time Tone Number	Normal 20 sec 1	
26	External Relative Outgoing Restriction	Tone Type Time Tone Number	Normal 20 sec 1	
27	Relative Hot Desk Logout	Tone Type Time Tone Number	Normal 20 sec 1	
28	Howling Tone	Tone Type Time Tone Number	Normal 30 sec 19	
29	1st Ring Back Tone	Tone Type Time Tone Number	Normal 10 sec 4	
30	2nd Ring Back Tone	Tone Type Time Tone Number	Normal 10 sec 4	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
31	CO Ring Back Tone	Tone Type Time Tone Number	Normal 10 sec 4	
32	Recall Ring Back Tone	Tone Type Time Tone Number	Normal 10 sec 4	
33	Zone Paging Call Ring Back Tone	Tone Type Time Tone Number	Normal 10 sec 4	
34	Command Call Ring Back Tone	Tone Type Time Tone Number	Normal 30 sec 4	
35	Alert Message Wait	Tone Type Time Tone Number	Normal 5 sec 11	
36	Alert Do not Disturb	Tone Type Time Tone Number	Normal 5 sec 11	
37	Alert Call Forward	Tone Type Time Tone Number	Normal 5 sec 11	
38	Alert Absence	Tone Type Time Tone Number	Normal 5 sec 11	
39	Camp on Alarm	Tone Type Time Tone Number	Normal 1 sec 13	
40	Conference Alarm	Tone Type Time Tone Number	Normal 1 sec 13	
41	Conference Join	Tone Type Time Tone Number	Normal 1 sec 13	
42	Call Wait Alarm	Tone Type Time Tone Number	Normal 1 sec 13	
43	Break In Alarm	Tone Type Time Tone Number	Normal 1 sec 13	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
44	Conference Room In	Tone Type Time Tone Number	Normal 1 sec 13	
45	Conference Room Out	Tone Type Time Tone Number	Normal 1 sec 13	
46	Call Duration Restriction Alarm	Tone Type Time Tone Number	Normal 1 sec 13	
47	Confirm Tone	Tone Type Time Tone Number	Normal 1 sec 8	
48	Single Error Tone	Tone Type Time Tone Number	Normal 3 sec 9	
49	Transfer Hold Tone	Tone Type Time Tone Number	Internal MOH 30 sec	
50	Transfer Hold Tone (Station)	Tone Type Time Tone Number	Internal MOH 30 sec	
51	Camp On Hold Tone (CO)	Tone Type Time Tone Number	Normal 30 sec 4	
52	Camp On Hold Tone (Station)	Tone Type Time Tone Number	Normal 30 sec 4	
53	Call Wait Hold Tone (CO)	Tone Type Time Tone Number	Normal 30 sec 4	
54	Call Wait Hold Tone (Station)	Tone Type Time Tone Number	Normal 30 sec 4	
55	Normal Hold Tone (CO)	Tone Type Time Tone Number	Internal MOH 30 sec	
56	Normal Hold Tone (Station)	Tone Type Time Tone Number	Internal MOH 30 sec	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
57	Normal Hold Tone (Attendant)	Tone Type Time Tone Number	Internal MOH 30 sec	
58	Call Park Hold Tone	Tone Type Time Tone Number	Internal MOH 120 sec	
59	Call Park Hold Tone (Station)	Tone Type Time Tone Number	Internal MOH 120 sec	
60	IC Auto Hold Tone	Tone Type Time Tone Number	Normal 30 sec 14	
61	IC Auto Hold Tone (Attendant)	Tone Type Time Tone Number	Normal 30 sec 14	
62	Command Call Answer Tone	Tone Type Time Tone Number	Normal 10 sec 14	
63	R2 Normal Outgoing Tone	Tone Type Time Tone Number	Normal 10 sec 4	
64	R2 Off-Net Call Forward Tone	Tone Type Time Tone Number	Normal 10 sec 4	
65	Wake-up Answer Tone	Tone Type Time Tone Number	Prompt 10 sec 12	
66	Service Set Tone	Tone Type Time Tone Number	Normal 10 sec 8	
67	DISA Retry Tone	Tone Type Time Tone Number	Prompt 5 sec 5	
68	ICLID Restrict Tone	Tone Type Time Tone Number	Normal 10 sec 1	
69	Auto Call Answer Alert Tone	Tone Type Time Tone Number	Normal 1 sec 13	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
70	VM Interaction Confirm Tone	Tone Type Time Tone Number	Normal 1 sec 8	
71	Authorization Code Dial Tone	Tone Type Time Tone Number	Prompt 10 sec 10	
72	Tenant Dial Tone	Tone Type Time Tone Number	Normal 10 sec 10	
73	Two-way Record Warning Tone	Tone Type Time Tone Number	Normal 1 sec 13	
74	Screened Transfer Alert Tone	Tone Type Time Tone Number	Normal 1 sec 13	
75	LCM Traffic Over Tone	Tone Type Time Tone Number	Not Use 1 sec 13	
76	Screened Transfer Tone	Tone Type Time Tone Number	Not Use 1 sec 13	
77	SMonitor Warning Tone	Tone Type Time Tone Number	Normal 1 sec 13	
78	Wireless Station Searching Tone	Tone Type Time Tone Number	Normal 15 sec 14	

Table 3.4-10 BOARD DATA

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
PGM Code 300 –ISDN Board Attributes				
1	PRIB CRC Check	0: Disable / 1: Enable	ENABLE	
2	PRIB Line Mode	0: TE / 1: NT	TE	
3	BRIB TEI Mode Port1	0: Fixed / 1: Auto	AUTO	
4	BRIB TEI Mode Port2	0: Fixed / 1: Auto	AUTO	
5	BRIB TEI Mode Port3	0: Fixed / 1: Auto	AUTO	
6	BRIB TEI Mode Port4	0: Fixed / 1: Auto	AUTO	
7	T1 Mode	0: D4 / 1:ESF	0	
8	T1 Line Mode	0: B8ZS / 1: AMI	0	
9	T1 Pause Time	1-9	2	
10	T1 PLS Rate	0-3	0	
11	T1 Release Guard Time	0-60	20	
12	T1 DT Delay Time	2-50	10	
13	T1 Wink Time	7-15	10	
14	T1 Seize Time	0-127	3	
15	T1 Release Time	0-127	7	
16	T1 ring Detect Time	2-9	2	
17	T1 Ring Stop Time	10-60	60	
18	BRIB Reference Click Port1	0: Not Use 1: Use	Use	
19	BRIB Reference Click Port2	0: Not Use 1: Use	Use	
20	BRIB Reference Click Port3	0: Not Use 1: Use	Use	Only BRIB4
21	BRIB Reference Click Port4	0: Not Use 1: Use	Use	Only BRIB4
PGM Code 301 –ISDN Clock Priority				
	ISDN BRD CLOCK PRIORITY	Slot No.		
PGM Code 305 –VOIB/VMIB Board Attributes				
1	IP Address	IP Address	10. 10. 10. # (# : slot number)	
2	Router IP Address	IP Address	0.0.0.0	
3	Subnet Mask	IP Address	255.255.255.0	
4	DHCP Usage	0: OFF / 1: ON	OFF	
5	T38 Usage	0: OFF / 1: ON	OFF	
6	RTP Security	0: OFF / 1: ON	OFF	
7	VLAN	0-4096, none	none	
8	Priority	0-7	0	
9	Diffserv	0-63	0	
10	WEB Port (When Selected Slot is VMIB, WEB Port menu will be displayed.)	1-65535	80	
PGM Code: 310 – Reset Board				
	Slot No	01-18		

Table 3.4-11 VOICE NETWORK

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
PGM Code 320 –Networking Attributes				
1	NET Enable	0: OFF / 1: ON	OFF	
2	NET CNIP Enable	0: OFF / 1: ON	ON	
3	NET CONP Enable	0: OFF / 1: ON	OFF	
4	NET Signal Method	0: FACILITY / 1: UUS	FACILITY	
5	NET CC Retain	0: OFF / 1: ON	OFF	
6	NET BLF Usage	0: OFF / 1: ON	OFF	
7	TCP Port for BLF	9000-9999	9000	
8	UDP Port for BLF	9000-9999	9001	
9	Duration of BLF STS	01-99	10	
10	BLF Manager IP Address		0.0.0.0	
11	Own Prefix Number	Max. 8 Digits		
PGM Code 321 –Networking Numbering				
1	Numbering Plan Type	NET / TRANSIT	NET	
2	Numbering Plan Code	8 digits		
3	Outgoing CO Group No	01-72		
4	AND Digit	10 digits		
5	AND Digit Repeat	0: OFF / 1: ON	OFF	
6	Digit Sending Mode	1: ENBLOCK / 0: OVERLAP	OVERLAP	
7-1~4	CPN Information	IP Address		
8	BLF Destination System IP Address	IP Address	0.0.0.0	
9	BLF Destination System Port	0000–9999	9000	
10	Firewall Routing	0: OFF / 1: ON	OFF	

Table 3.4-12 T-NET DATA

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
PGM Code 330 –T-Net Attribute				
1	TNET Enable	0: OFF / 1: ON	OFF	
PGM Code 331 –CM Attribute				
1	Register Enable	0: OFF / 1: ON	OFF	
2	IP Address	IPv4 address	0.0.0.0	
3	IPKTS Port number	0001-9999	5588	
4	Total No of Ports	000-999	000	
5	Polling Count	00-99	05	
6	Polling Interval	00-99	02	
PGM Code 333 –FoPSTN Attribute				
1	Enable FoPSTN	0: OFF / 1: ON	OFF	
2	Initialize FoPSTN			
3	Index	1-100 (MG-100) 1-200 (MG-300)		
3-1	Numbering Plan	Max.16		

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
3-2	CO Group	1-24 (MG-100) 1-72 (MG-300)		
3-3	Tel Number	Max.10		
PGM Code 334 –T-Net Board Attribute				
1	TNET Enable	0: OFF / 1: ON	OFF	
PGM Code 335 –IP-Phone T-Net Enable				
1	TNET Enable	0: OFF / 1: ON	OFF	

Table 3.4-13 H.323 DATA

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
PGM Code 360 –H.323 Routing Attribute				
1	Digit	Max.8 digits		
2	Destination IP Address		0.0.0.0	
PGM Code 361 –H.323 Call Attribute				
1	H.323 Setup Mode	0: Normal / 1: Fast	FAST	
2	H.323 Tunneling Mode	0: OFF / 1: ON	ON	
3	H.323 DTMF Path	0: Inband / 1: RFC2833 / 2: out	Inband	
4	DiffServ	0–63	4	
5	First Codec Type	Not Use / G.711U / G.711A / G.729 / G.723A	G.711A	
6	Second Codec Type	Not Use / G.711U / G.711A / G.729 / G.723A	Not Use	
7	Third Codec Type	Not Use / G.711U / G.711A / G.729 / G.723A	Not Use	
8	Fourth Codec Type	Not Use / G.711U / G.711A / G.729 / G.723A	Not Use	
9	GateKeeper USED	0: OFF / 1: ON	OFF	
PGM Code 362 –H.323 Incoming ATTR				
1	From IP Address			0.0.0.0
2	Incoming CO Group Number	01–72		
PGM Code 363 –GK Attribute				
1	GateKeeper	0: OFF / 1: ON	OFF	
2	RAS Light RRQ Usage	0: OFF / 1: ON	OFF	
3	Multicast GateKeeper IP Address	IP Address	0.0.0.0	
4	Multicase GateKeeper Port	IP Port # (0-9999)	0	
5	Unicast GateKeeper IP Address	IP Address	0.0.0.0	
6	Unicast GateKeeper Port	IP Port # (0-9999)	1719	
7	Keep Alive Time	1-1000	120	
8	Gateway Prefix	Max. 25 Digits		
9	H.323 Gateway ID	Max. 129 Digits		

Table 3.4-14 SIP CO DATA

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
Web Only: –SIP CO Basic Registration				
	Main Proxy Address			
	Main Proxy Port		1024 – 9999	5060
	Main Domain Name			
	Proxy Type		Normal / Dacom / KT	Normal
Web Only: –SIP CO Additional Registration				
	User ID Start Index			
	User ID End Index			
	Main Outbound Proxy Address			
	Main Outbound Proxy Port	1024–9999	5060	
	Sub Proxy Address			
	Sub Proxy Port	1024–9999	5060	
	Sub Domain Name			
	Sub Outbound Proxy Address			
	Sub Outbound Proxy Port	1024–9999	5060	
	Connection Mode	UDP / TCP / TLS	UDP	
	Registration Timer	60-86400	3600	
	100rel Support	ON/OFF	OFF	
	Session Timer Support	ON/OFF	OFF	
	Max Session Timer	180-3600	1800	
	Min Session Timer	60-150	90	
	Use 181 Message	ON/OFF	OFF	
	Use RPORT	ON/OFF	OFF	
	P-Asserted-Identity	NOT USE / USE	NOT USE	
	DTMF Send Mode	IN / OUT / RFC2833	RFC2833	
Web Only: –SIP CO Codec				
	First Codec Type	Not Use / 711U/A/729/723A	G.711A	
	Second Codec Type	Not Use / 711U/A/729/723A	Not Use	
	Third Codec Type	Not Use / 711U/A/729/723A	Not Use	
	Fourth Codec Type	Not Use / 711U/A/729/723A	Not Use	
	Fifth Codec Type	Not Use / 711U/A/729/723A	Not Use	
Web Only: –SIP CO User ID Table				
	Registration User ID			
	Authentication User ID			
	Authentication User Password			
	Registration	YES / NO	NO	
	Usage	YES / NO	NO	
	Contact Number	STA / User ID	User ID	
	Firewall Routing	YES / NO	YES	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
	Contact	Max. 32		

Table 3.4-15 SIP STATION DATA

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
Web Only: –SIP STA Basic Registration				
	User ID			
	Authentication ID			
	Password			
Web Only: –SIP STA Additional Registration				
	Station Number			
	Registering Mode	Manual / User Register	Manual	
	Registration Status	Not Registered / Registered	Not Registered	
	IP Address			
	IP Port		0	
	Device NAT Usage	NO NAT / NAT	No NAT	
	Transfer Mode	UDP / TCP / TLS	UDP	
	SIP Phone Type	Normal / MOIMSTONE / IP-1535	Normal	
	Registration Timer		3600	
	Keep Alive Usage	ON/OFF	OFF	
Web Only: –SIP Station Service				
	Check Message Send Timer	10-3600	30	
	Retry Count	3-10	5	
	407 Authentication	ON/OFF	OFF	
	100rel Support	ON/OFF	OFF	
	Session Timer Support	ON/OFF	OFF	
	Max Session Timer	180-3600	180	
	Min Session Timer	60-150	60	

Table 3.4-16 ZONE DATA

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
Web Only: –Zone Attribute				
	Nation Code		Same with system's nation	
	Memo			
	Codec Type	Tenant Codec / G.711 / G.723 / G.729 / G.722 / Not Assign	Tenant Codec	
	RTP Relay Rule	Automatic / Follow Relay Group	Automatic	
	VOIB Slot for RTP Relay		VOIB Slot	
	VMIB Slot		VMIB Slot	
	Peer To Peer	Disable/Enable	Enable	
Web Only: –Zone RTP Relay Group				
	Force To RTP Relay	00–63	32	
Web Only: –Inter Zone Attribute				
	Codec Type	Station Codec / G.711 / G.723 / G.729	Station Codec	
	RTP Rule	If Need / Always Not / Forced To Do	If Need	
	Src. RTP Relay VOIB Slot			
	Dest. RTP Relay VOIB Slot			
Web Only: –Station Zone Attribute				
	Zone No	1-9	1	
	RTP Relay Group	N/A, 01–15	N/A	
	Codec Type	Follow Zone / G.711 / G.723 / G.729 / G.722	Follow Zone	

Table 3.4-17 SNMP DATA

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
Web Only: –SNMP Data				
	SNMP Service	ON/OFF		
	SNMP Port			
	Read Only Community	4 – 16 characters		
	Read Write Community	4 – 16 characters		
	SNMP Packet from NMS Server	Any / These	Any	
	Trap Community	4 – 16 characters		
	Trap Destination	IP address		
	Message Type	Notify/Inform/Trap	Notify	

Table 3.4-18 GAIN AND CADENCE CONTROL

BTN	SUB−MENU	RANGE	DEFAULT	REMARK
PGM Code 400−407 –TDM Gain (DKT/SLT/DECT/IP−Phone/ACO/DCO/VMIB/External Page RX GAIN)				
1	DKT	00–63	26/32/26/26/40/26/21/26	
2	SLT	00–63	22/32/33/33/32/26/21/26	
3	DECT	00–63	26/32/26/26/31/26/26/26	
4	IP−Phone	00–63	26/33/26/26/33/33/29/32	
5	ACO	00–63	26/32/38/33/32/15/23/28	
6	DCO	00–63	33/44/33/33/38/32/32/37	
7	VMIB	00–63	29/40/29/29/37/32/32/37	
8	DTMF	00–63	8/28/8/8/37/32/32/32	
9	TONE	00–63	32/38/37/32/37/32/32/32	
10	MUSIC	00–63	29/40/29/29/37/32/32/32	
PGM Code 415 –DSP Rx Gain				
1	DTMF/A	00–63	32	
2	DTMF/D	00–63	32	
3	CPT	00–63	32	
4	CID/FSK	00–63	32	
5	CID/D	00–63	32	
6	CID/RUS	00–63	36	
7	SMS/TRK	00–63	32	
8	SMS/SLT	00–63	32	
9	RCID REQ-SIG	00-63	32	
PGM Code 420–426 –Device(SLTM/DTIM(HS)/DTIM(HF)/IP−Phone(HS)/IP−Phone(HF)/WIT/VOIB) RX RTP Gain				
1	SLTM	00–63	34/34/34/34/34/34/34	
2	DTIM(HS)	00–63	34/34/34/34/34/34/34	
3	DTIM(HF)	00–63	34/34/34/34/34/34/34	
4	IP−Phone(HS)	00–63	34/34/34/34/34/34/34	
5	IP−Phone(HF)	00–63	34/34/34/34/34/34/34	
6	WIT	00–63	34/34/34/34/34/34/34	
7	VOIB	00–63	34/34/34/34/34/34/34	
PGM Code 430–436 –Device(SLTM/DTIM(HS)/DTIM(HF)/IP−Phone(HS)/IP−Phone(HF)/WIT/VOIB) TX RTP Gain				
1	SLTM	00–63	34/34/34/34/34/34/34	
2	DTIM(HS)	00–63	34/34/34/34/34/34/34	
3	DTIM(HF)	00–63	34/34/34/34/34/34/34	
4	IP−Phone(HS)	00–63	34/34/34/34/34/34/34	
5	IP−Phone(HF)	00–63	34/34/34/34/34/34/34	
6	WIT	00–63	34/34/34/34/34/34/34	
7	VOIB	00–63	34/34/34/34/34/34/34	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
PGM Code 440 –SLT Ring Cadence				
1	CO Ring	Flex 1–10		
2	ICM Ring	Flex 1–10		
PGM Code 441 –ACNR Tone Cadence				
1	Dial Tone Cadence	Flex 1(ON)/Flex 2(OFF)	75/0	
2	Ringback Tone Cadence	Flex 1(ON)/Flex 2(OFF)	50/200	
3	Busy Tone Cadence	Flex 1(ON)/Flex 2(OFF)	25/25	
4	Error Tone Cadence	Flex 1(ON)/Flex 2(OFF)	5/5	
5	LCR Dial Tone Cadence	Flex 1(ON)/Flex 2(OFF)	70/0	

Table 3.4-19 DECT DATA

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
PGM Code 0# –DECT Registration				
1	Wtu Subscribe Enable	Station Number	OFF	
2	Wtu Unsubscribe	Station Number		
3	AC Code			
4	PARK (view)			
5	Wtu User Authenticate	Station Number		
6	PARK			
7	Wtu Subs All Data Erase			
8	Wtu Subscription Erase	Station Number		
9	Wtu (Un)Subscription Range (view)			
10	DECT Mobility	Station Number		
PGM Code 491 –WTIM DECT Attribute				
1	AUTO CALL RLS	ON/OFF	OFF	
2	BASE FAULT ALARM	Enable/Disable	Disable	

Table 3.4-20 GREEN MODE

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
Web Only: –Green Mode Activation				
	Power Save Mode	DISABLE/ENABLE	DISABLE	
Web Only: –Green Mode Time Setting				
	Monday Power ON/OFF Time	0000–2359		
	Tuesday Power ON/OFF Time	0000–2359		
	Wednesday Power ON/OFF Time	0000–2359		
	Thursday Power ON/OFF Time	0000–2359		
	Friday Power ON/OFF Time	0000–2359		
	Saturday Power ON/OFF Time	0000–2359		
	Sunday Power ON/OFF Time	0000–2359		

Table 3.4-21 INITIALIZATIONS

BTN	SUB-MENU	REMARKS
PGM Code 499 –Initialization		
1	All Database	
2	System Reset	
3	Station Data	
4	Station Button Data	
5	CO Line Data	
6	Station Group Data	
7	System Data	
8	SMDR Data	
9	System Timer	
10	Table Data	
11	Tenant Data	
12	Networking Data	
13	SIP Data	
14	Hotdesk Logout	
15	Hotel Data	

Table 3.4-22 HOTEL DATA

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
PGM Code: 500 – Hotel General Info				
1	Hotel Name	Max 24 Characters		
Web Only	Hotel Address	Max 50 Characters		
Web Only	Hotel Tel No.	Max 15 Characters		
Web Only	Hotel FAX	Max 15 Characters		
Web Only	Hotel Homepage	Max 30 Characters		
2	PMG Usage	OFF/PMS Only/Fidelio Only.PMS + Fidelio	OFF	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
3	PMS Device 1	ON/OFF	OFF	
4	PMS Device 2	ON/OFF	OFF	
5	Fidelio Server Address	IP Address	0.0.0.0	
6	Fidelio Server Port	1-65535		
7	Check-In Day COS	0-15	1	
8	Check-In Night COS	0-15	1	
9	Check-In Timed COS	0-15	1	
10	Check-In digit Conversion Table	1-9	1	
11	Check-Out Day COS	0-15	1	
12	Check-Out Night COS	0-15	1	
13	Check-Out Timed COS	0-15	1	
14	Check-Out Digit Conversion Table	1-9	1	
15	Check-Out LCD Language	00: English 01: Italian 02: Finnish 03: Dutch 04: Swedish 05: Danish 06: Norwegian 07: Hebrew 08: Germany 09: French 10: Portuguese 11: Spanish 12: Korean 13: Estonian 14: Russian 15: Turkish 16: Polish 17: Greek	English	
16	Check-Out Prompt Language	1-3	1	
17	Guest Info Display (Station)	ON / OFF	OFF	
18	VIP Attendant Call Service	ON / OFF	OFF	
19	VIP Wake-Up Service	ON / OFF	OFF	
20	Dial One Digit Service Timer	0-30	0	
PGM Code: 501 – Hotel Additional Info				
1	Office To Guest Room	ON / OFF	OFF	
2	Office To Service Station	ON / OFF	OFF	
3	Office To Front-Desk	ON / OFF	OFF	
4	Guest Room To Office	ON / OFF	OFF	
5	Service Station To Office	ON / OFF	OFF	
6	Front-Desk To Office	ON / OFF	OFF	
7	Base Time in Room Rate	00-23 (o'clock)	00	
8	Check-In / Out Print	ON / OFF	OFF	
9	Echo Mode Print	ON / OFF	OFF	
10	Toll Charge To Room	ON / OFF	OFF	
11	Method Of Payment (BIN NO 0~9)	Max 7 characters	Empty	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
PGM Code: 502 – Hotel Station Info				
1	Hotel Station Type	0: OFFICE 1: GUEST 2: SVC STA 3: FRONT	OFFICE	
2	Check-In Status	Read Only		
3	Intercom Enable	0: DISABLE 1: ENABLE	DISABLE	
4	Guest Type	0: NON VIP 1: VIP	NON VIP	
5	Room Status	1-7 1: TO BE CLEANED 2: UNDER CLEANING 3: READY FOR SALE 4: OUT OF SERVICE 5: UNDER REPAIR 6: REPAIR COMPLETE 7: ROOM OCCUPIED	TO BE CLEANED	
6	Cut Off	ON / OFF	OFF	
7	PMS Group ID	0-10000	0	
8	Check-Out (MMDDYYYY:HH)	Date/Hour Format	00000000:00	
9	Bath Alarm	ON / OFF	OFF	
10	Room Monitor	ON / OFF	OFF	
11	Room Class	1-20	1	
12	Call Charge Rate Bin	1-6	Not Assigned	
PGM Code: 503 – Rate For Room Class				
1	Room Type Name	Max 6 Characters		
2	Room Cost	0-9999999		
3	Part Time Bin	1-32		
PGM Code: 504 – Call Charge Rate				
1	Call Charge Rate 1 (Flex1: Percent/Flex2: Name)	Percent: 000-999% / Name: 6 characters	Percent: Not assigned / Name: Assigned	
2	Call Charge Rate 2 (Flex1: Percent/Flex2: Name)	Percent: 000-999% / Name: 6 characters	Percent: Not assigned / Name: Assigned	
3	Call Charge Rate 3 (Flex1: Percent/Flex2: Name)	Percent: 000-999% / Name: 6 characters	Percent: Not assigned / Name: Assigned	
4	Call Charge Rate 4 (Flex1: Percent/Flex2: Name)	Percent: 000-999% / Name: 6 characters	Percent: Not assigned / Name: Assigned	
5	Call Charge Rate 5 (Flex1: Percent/Flex2: Name)	Percent: 000-999% / Name: 6 characters	Percent: Not assigned / Name: Assigned	
6	Call Charge Rate 6 (Flex1: Percent/Flex2: Name)	Percent: 000-999% / Name: 6 characters	Percent: Not assigned / Name: Assigned	

BTN	SUB-MENU	RANGE	DEFAULT	REMARK
PGM Code: 505 – MiniBar List				
1	Bar Item Name	Max 12 Characters		
2	Cost of Bar Item	0-9999999		
3	Bin No of Tax	1-5		
PGM Code: 506 – Tax Rate for Bill				
1	Tax Rate For Bill 1	00.00 – 99.99%	00.00%	
2	Tax Rate For Bill 2	00.00 – 99.99%	00.00%	
3	Tax Rate For Bill 3	00.00 – 99.99%	00.00%	
4	Tax Rate For Bill 4	00.00 – 99.99%	00.00%	
5	Tax Rate For Bill 5	00.00 – 99.99%	00.00%	
PGM Code: 507 – Fee For Part Time				
1	Part Time Range	00 – 24		
2	Rate	0 -100		
3	Remark	Max 12 characters		
PGM Code: 508 – Dial One Digit Service				
1	Digit “1”	Max 8 digits		
2	Digit “2”	Max 8 digits		
3	Digit “3”	Max 8 digits		
4	Digit “4”	Max 8 digits		
5	Digit “5”	Max 8 digits		
6	Digit “6”	Max 8 digits		
7	Digit “7”	Max 8 digits		
8	Digit “8”	Max 8 digits		
9	Digit “9”	Max 8 digits		
10	Digit “0”	Max 8 digits		
11	Digit “*”	Max 8 digits		
12	Digit “#”	Max 8 digits		