aria

Aria-24/130c/130 /300 /600*ipe*

Digital Key Telephone System

Programming Manual

LG Electronics, Inc.

Aria Communications
Quadrant Business Park
Unit 3 / 15 Pickering Road
Mulgrave
VIC 3170
ABN : 22 090 723 925

Aria-24/130c/130/300/600*ipe*

DIGITAL KEY TELEPHONE SYSTEM

CONFIDENTIALITY

Every effort has been made to ensure that this manual documents the operation of the **Aria-24/130c/130/300/600*ipe* Digital Key Telephone System.**

However, due to the on-going improvement and update of software, **Aria Communications** cannot guarantee the accuracy of printed material after the date of publication, nor can **Aria Communications** accept responsibility for errors or omissions.

Revised manuals will be published as needed.
This manual supersedes all previous issues.

CONTENTS

1 CUSTOMER DATABASE PROGRAMMING

1.1 INTRODUCTION

The ARIA Key Telephone System can be programmed to meet each customer's individual need. All programming is done at station 100 (station port # 00) using KD-36D, LKD-30DS, LDP-7024D and LDP-7024 LD digital key telephone. (You cannot program with the KD Large Display) Additional programming stations may be assigned (PGM 113-BTN 1), but only 1 keyset can be active in programming mode at any one time.

Upon entering the program mode, the key telephone at station 100 cannot operate as a normal telephone but as a programming instrument with all of the buttons redefined. The keys of the dial pad are used to enter the various data fields and to enter numerical information. The 24 buttons located at the top of the phone (Flexible Buttons) are used to indicate the specific data field and to enter information. Sometimes the **[SPEED]** button and '*' of the dial pad is used to delete the data or to indicate end of data input and the **[REDIAL]** button is used to delete one digit or character from the end of entered digits or characters.

See TABLE 1.6.1 - 1.6.27 for default data. If this pre-programming suits the customer, additional admin program is not necessary. To change admin data, the user enters the admin programming mode and select program code. During admin programming, other keysets operate normally. (While activating ARIA Admin, no keyset can enter Admin mode and the reverse also.)

When Admin programming, LCD and LEDs indicate the current programmed data and status. If the programmer enters correct data, then LCD and LEDs show the entered data and the data is stored in the temporary buffer area. Real system database is not changed and has no effect on telephone operation unless permanent updating procedure is executed. Pressing the **[HOLD/SAVE]** button, all data in the temporary buffer (same as LCD and LEDs show their status) is saved into permanent memory. Tones are provided to let the programmer know data entry is correct (confirmation tone) or not (error tone).

To return the parent state while admin programming, press the **[CONF]** button. Pressing the **[CONF]** button, temporary data fields are cleared.

To reset the system, enter PGM 450 – BTN 15 and press **[HOLD/SAVE]** button. Or, the system will be reset automatically after programming PGM100 – BTN 1 (Nation Code Assign)

1.2 TO ENTER THE PROGRAMMING MODE

1. Lift handset or press the **[MON]** button on the admin station, and hear ICM dial tone (optional).
2. Press the **[TRANS/PGM]** button and dial * # (Confirmation tone is heard).
3. Enter admin password if the password has been set. This places the station into the admin programming mode (Confirmation tone is heard).
4. Each program is accessed by pressing the **[TRANS/PGM]** button and dialing the three-digit program number. If an error is made while entering data, the **[TRANS/PGM]** button can go the previous status. When the **[TRANS/PGM]** button is pressed, the LCD will display;

ENTER PROGRAM CODE

1.3 PERMANENT UPDATE PROCEDURE

When the data has been entered, the **[HOLD/SAVE]** button is used to store the data permanently. If all data was entered correctly, confirmation tone is heard when pressing the **[HOLD/SAVE]** button. If there were any errors in the entry, then an error tone is presented and data is not stored in the permanent memory.

1.4 NUMBERING PLAN

The following numbering plan can be changed by Admin Programming 104-107 depending on the user's needs.

NUMBER				ITEM	REMARK
Aria-24	**Aria-130/130c**	**Aria-300**	**Aria-600**		
10-37	100-227	100 – 399	1000-1599	Intercom Call	
620-629	620-634	620 – 667	620-667	Group Pilot Number	
#01 – #10	#01 – #15	#01 – #35	#01-#35	Internal Page Zone	
#5	#5	#5	# 5	Internal All Call Page	
##	##	##	# #	Meet Me Page	
#6	#6	#6	# 6	External Page Zone 1	
N/A	#7	#7	# 7	External Page Zone 2	
N/A	#8	#8	# 8	External Page Zone 3	
N/A	#9	#9	# 9	External All Call Page	
#00	#00	#00	# 00	All Call Page (Int & Ext)	
550	550	550	550	SMDR Account Code Enter	SLT
551	551	551	551	Flash Command to CO Line	SLT
552	552	552	552	Last Number Redial	SLT
553	553	553	553	DND (Toggle On/Off)	SLT
554	554	554	554	Call Forward	SLT
555	555	555	555	Speed Dial Programming	SLT
556	556	556	556	Message Wait/Callback Enable	SLT
557	557	557	557	Message Wait/Callback Return	SLT
558	558	558	558	Speed Dial Access	SLT
559	559	559	559	Cancel DND/FWD/Pre-MSG	SLT
560	560	560	560	System Hold	SLT
N/A	561	561	561	Station Relocation Backup	
N/A	562	562	562	Station Relocation Retrieve	
563	563	563	563	Programming Mode Enter Code	SLT
564	564	564	564	ACD Reroute	
565	565	565	565	Alarm Reset	
**	**	**	**	Group Call Pickup	
568	568	568	568	UCD DND	
577	577	577	577	Night Answer	
601-608	601-610	601 - 619	601-619	Call Parking Locations	
*7	*7	*7	*7	Direct Call Pickup	
801-808	801-824	801-872	801-872	CO Group Access	
8801-8840	8801-8840	88001-88200	8801-88400	Individual CO Access	
8901	8901	8901	8901	Tie Routing Access	

NUMBER				ITEM	REMARKS
Aria-24	**Aria-130c/130**	**Aria-300**	**Aria-600**		
8*	8*	8*	8*	Retrieve Held CO Line	
8#xx	8#xx	8#xxx	8#xxx	Retrieve Held Individual CO Line	
9	9	9	9	Access CO Line In the 1st available CO Group	
0	0	0	0	Attendant Call	
#*1	#*1	#*1	#*1	1st Door Open	
#*2	#*2	#*2	#*2	2nd Door Open	
N/A	#*3	#*3	#*3	3rd Door Open	
N/A	#*4	#*4	#*4	4th Door Open	
N/A	#*5	#*5	#*5	5th Door Open	
N/A	#*6	#*6	#*6	6th Door Open	
N/A	N/A	#*7	#*7	7th Door Open	N/A in ARIA-130
*8	*8	*8	*8	VM Message Waiting Enable	
*9	*9	*9	*9	VM Message Waiting Disable	

NUMBER				ITEM	REMARKS
Aria-24	**Aria-130c/130**	**Aria-300**	**Aria-600**		
*0	*0	*0	*0	MCID Request	
*1	*1	*1	*1	RSG Door Open 1	
*2	*2	*2	*2	RSG Door Open 2	
*57	*57	*57	*57	Enter Conference Room	
*58	*58	*58	*58	SLT Conference Page Join	
*##	*##	*##	*##	Unsupervised Conf Tmr Extend	

- To enter user programming mode, press the **[TRANS/PGM]** button
- in a keyset or dial **5 6 3** (Programming enter code) in a SLT.
- The following numbering plan is fixed, so it cannot be changed by Admin Programming.

1) For the stations

NUMBER	ITEM	REMARK
11	Differential Ring	Keyset
12	Intercom Answer Mode (1 HF / 2 TONE / 3 PV)	Keyset
13	SMS Message Display	
14	Enblock Mode	
15	SMS/Notice Display	
16	Scroll Speed	
17	Ear-Mic Headset	
18	Intercom Bell	
19	CO Bell	
21	Station COS Down	
22	Station COS Restore	
23	Walking COS	Keyset
24	COS CHANGE	
31	Authorization Code Registration	
32	Authorization Code Change	
33	Register Mobile Extension	
34	Activate Mobile Extension	
41	Wake-up Time Registration (One-time/ Continuous)	
42	Wake-up Time Cancel	
43	Activate Conference Room	
44	Deactivate Conference Room	
51	Pre-selected MSG Activation	
52	Set Custom Message	
61	Record VMIB User Greeting	
62	Listen VMIB Time & Date	
63	Listen VMIB Station Number	
64	Listen VMIB Station Status	
65	Record VMIB Page Message	
66	Erase VMIB User Greeting	
67	Erase VMIB Page Message	
71	LCD Display Mode (English/Domestic Language)	Keyset
72	MPB Version Display	Keyset
73	Background Music	Keyset
74	Station User Name Registration	
75	Headset/Speakerphone Mode	Keyset
76	Headset Ring Mode	Keyset
77	WTU Station Number Receive	Keyset
78	Serial No/SW Packages	Keyset with LCD
79	PC-Phone Lock Key	
**	Hot Desk Logout	

*0	Hot Desk Login	
*1	Station Relocation Out	
*2	Station Relocation In	
*3	Register Bluetooth	
*4	Bluetooth Usage	

2) For the attendant

NUMBER	ITEM	REMARK
0111	Print SMDR (Station Base)	System Attendant
0112	Delete SMDR (Station Base)	System Attendant
0113	Print SMDR (Group Base)	System Attendant
0114	Delete SMDR (Group Base)	System Attendant
0115	Display Call Charge	System Attendant
0116	Abort Printing	System Attendant
0117	Print Lost Call	System Attendant
0118	Delete Lost Call	System Attendant
0121	Print All Summary	System Attendant
0122	Print All Periodically	System Attendant
0123	Abort Periodic Printing	System Attendant
0124	Print ATD Traffic	System Attendant
0125	Print Call Summary	System Attendant
0126	Print All Hourly	System Attendant
0127	Print H/W Usage	System Attendant
0128	Print CO Summary	System Attendant
0129	Print CO Hourly	System Attendant
021	Station COS Down (COS 7)	Attendant
022	Station COS Restore	Attendant
031	Authorization Code Cancel	System Attendant
041	System Date/Time Setting	Attendant
042	Wake-up Time Registration (One-time /Continuous)	Attendant
043	Wake-up Time Cancel	System Attendant
044	LCD Date Mode Change	System Attendant
045	LCD Time Mode Change	System Attendant
046	Use Network Time & Date	System Attendant
047	Monitor Conference Room	Attendant
051	Pre-select MSG Activation	Attendant
052	Pre-select MSG Deactivation	Attendant
053	Custom Display Message Program (11-20)	System Attendant
054	Erase VM MSG	Attendant
055	ATD DEL ALL CLI MSG	
06	Record VMIB System Greeting	System Attendant
071	DND/Call Forward/Pre-selected MSG Cancel	Attendant
072	Register Station Name	Attendant
073	Disable CO Outgoing	System Attendant
074	Automatic Day/Night/Weekend Mode Program	Attendant
075	ICM BOX BGM Channel select	Attendant
076	External Page Music -1 Assignment/Cancel	Attendant
077	External Page Music -2 Assignment/Cancel	Attendant
078	External Page Music -3 Assignment/Cancel	Attendant

079	Prepaid Call	
07*	LCD Display Language	
0#	WHTU Subscription	
0*	Board Service Switch – Enter slot number	Attendant

3) Flexible Button Programming Code

NUMBER	ITEM	REMARK
11	Differential Ring	
18	ICM RING	
19	CO RING	
21	Station COS Down	
22	Station COS Restore	
23	Walking COS	
24	COS CHANGE	
31	Authorization Code Registration	
32	Authorization Code Change	
41	Wake-up Time Registration (One-time /Continuous)	
42	Wake-up Time Cancel	
43	CONF – ROOM ACTIVE	
44	CONF – ROOM DEACTIVE	
51	Pre-selected MSG Activation	
52	Set Custom Message	
53	CLIR Key	
54	Two Way Recording	
55	Attendant DND	Networking Only
56	Attendant CampOn(Queue) BTN Assignment	Attendant
57	Call Log Button	
61	Record VMIB User Greeting	
62	PLAY DATE TIME	
63	PLAY STA NUMBER	
64	Listen VMIB Station Status	
65	RECORD PAGING MESSAGE	
66	Erase VMIB User Greeting	
67	DELETE PAGING MESSAGE	
68	ANSWER MACHINE - RING	
69	ANSWER MACHINE - SPEAKER	
71	LCD Display Mode (English/Domestic Language)	
73	Background Music	
74	Station User Name Registration	
75	Headset/Speakerphone Mode	
76	HeadSet Ring Mode	
80	Account Code Activation	
81	DID Call Wait	
83	[ICM Hold] BTN Assignment	
84	[LOOP] BTN Assignment	

84#	MSN Button	
85	[Camp-on] BTN Assignment	
86	[INTRUSION] BTN Assignment	System Attendant
87	[UCD DND] BTN Assignment	+ Hunt Grp No.
89	Keypad Facility Key	
8*	{ACD STATUS} BTN Assignment	
8#	PAGER CALL	
91	[CONF] BTN Assignment	2/8 BTN Keyset
92	[CALLBK] BTN Assignment	2/8 BTN Keyset
93	[DND/FWD] BTN Assignment	2/8 BTN Keyset
94	[FLASH] BTN Assignment	2/8 BTN Keyset
95	[MUTE] BTN Assignment	2/8 BTN Keyset
96	[MON] BTN Assignment	2/8 BTN Keyset
97	[REDIAL] BTN Assignment	2/8 BTN Keyset
98	DID RESTRICTION	
99	DISA RESTRICTION	
9*	CALL RECORD	
**	AGENT LOGOUT	
*0	AGENT LOGIN	
*3	Blue Tooth REGISTER	
*4	Blue Tooth USAGE	

1.5 ADMIN PROGRAMMING INDEX

MAIN MENU	PGM	ITEM
PRE-PROGRAMMED DATABASE	100	Location Program
	101	Rack Slot Assignment
	102	WTIB Port number Assignment
	103	Logical Slot Assignment
	104	Numbering Plan Type
	105	Flexible Number Plan – Station Number
	106	Flexible Number Plan A
	107	Flexible Number Plan B
	108	IP Setting
	109	Expanded Flexible Numbering Plan
	250	Hot Desk Attributes
STATION BASE PROGRAM	110	Station ID
	111	Station Attribute I
	112	Station Attribute II
	113	Station Attribute III
	114	ISDN Station Attribute
	115	Flex Button Assignment
	116	Station COS
	117	CO Line Group Access
	118	Internal Page Zone
	119	Conference Page Zone
	120	ICM Tenancy Group
	121	Preset Call Forward
	122	Hot/Warm Line Selection
	123	CTI Station Attribute
	124	SMDR Account Group
	125	Copy DSS button
	130	Display station number by COS
	131	Display Station Number by CO access group
CO LINE BASE PROGRAM	140	CO Service Type
	141	CO Line Attribute I
	142	CO Line Attribute II
	143	ISDN CO Line Attribute I
	144	CO Ring Assignment
	145	CO Ring Assignment Display
	146	ISDN CO Line Attribute II
	147	CO MSN Mapping
SLOT BASE PROGRAM	155	Slot Attribute
SYSTEM BASE PROGRAM	160	System Attribute – I
	161	System Attribute – II
	162	Admin Password
	163	Alarm Attributes
	164	Attendant Assignment
	165	Auto Attendant VMIB Annc. Assignment
	166	CO-to-CO COS
	167	DID/DISA Destination
	168	External Control Contact

	169	LCD Date/Time/Language Display Mode
	170	Modem
	171	Music
	172	PBX Access Code
	173	PLA Priority Setting
	174	RS-232C Port Setting
	175	Print Port Selection
	176	Pulse Dial Ratio

MAIN MENU	PGM	ITEM
SYSTEM BASE PROGRAM	177	SMDR Attributes
	178	System Date/Time Setting
	179	Linked Station Pairs Table
	180	System Timers – I
	181	System Timers – II
	182	System Timers – III
DCOB	186	DCOB System attribute
	187	DCOB CO Line Attribute
STATION GROUP	190	Station Group Assign
	191	Station Group Attribute
ISDN SYSTEM BASE PROGRAM	200	System ISDN Attributes
	201	COLP Table
	202	MSN Table
	203	ISDN Attributes II **(Aria-24 ONLY)**
TABLES	220	LCR Attributes
	221	LCR – Leading Digit Table
	222	LCR – Digit Modification Table
	223	LCR Table Initialization
	224	Toll Exception Table – Allow A (Entry no:01-30)
		Toll Exception Table – Deny A (Entry no:01-30)
		Toll Exception Table – Allow B (Entry no:01-30)
		Toll Exception Table – Deny B (Entry no:01-30)
	225	Canned Toll Table –Allow (Entry no:01-10)
		Canned Toll Table –Deny (Entry no:01-10)
	226	Emergency Code Table
	227	Authorization Code Table
	228	Customer Call Routing
	229	Executive/Secretary Table
	231	Flexible DID Table
	232	System Speed Zone
	233	Weekly Time Table
	234	Voice Mail Dialing Table
	235	Tie Routing Table
	236	Mobile Extension
NETWORKING	320	Networking Basic Attribute
	321	Networking Supplementary Attribute
	322	Networking CO Line Attribute
	323	Networking Attendant Assignment
	324	Networking Routing Table

VOIB	340	VOIB IP Setting
NATION SPECIFIC	400	DTIB Rx Gain Control
	401	SLIB Rx Gain Control
	402	SLIB12 Rx Gain Control
	403	WTIB Rx Gain Control
	404	ACOB Rx Gain Control
	405	ACOB8 Rx Gain Control
	406	DCOB Rx Gain Control
	407	VMIB Rx Gain Control
	408	DTMF Receiver Rx Gain Control
	409	EXT Page Rx Gain Control
MAIN MENU	**PGM**	**ITEM**
NATION SPECIFIC	410	CPTU Rx Gain Control
	411	Modem Rx Gain Control
	412	Short SLIB Gain Control
	413	Long SLIB Gain Control
	414	Far SLIB Gain Control
	415	Short ACO Gain Control
	416	Long ACO Gain Control
	420	System Tone Frequency
	421	Differential Ring Frequency
	422	Distinct CO Ring Frequency
	423	ACNR Tone Cadence
	425	Singular Table (Korea Only)
INITIALIZATION (DB INIT)	450	Initialization
PRINT DATABASE	451	Print Prot Database

1.6 DEFAULT VALUES

TABLE 1.6.1 LOCATION PROGRAM

PGM	BTN	ITEM	DEFAULT	REMARK
100	1	Nation Code	**61**	Max 4 digits
	2	Customer Site Name	.	Max 23 digits

TABLE 1.6.2 RACK SLOT ASSIGNMENT

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
101	-	Slot Assignment	Refer to Note 2	Refer to Note 1	In case of PRIB assignment, it is possible to program logical port number.

Note.1) If the DIP switch of the manual board detection (DIP Switch 8) is ON, system will detect the installed board type automatically. If the DIP switch 8 is OFF, the board type code must be entered at each slot. After manual Rack Slot assignment, user should reset the system manually.

Note.2) Board Type Code Table:

STA	CODE	COL	CODE	STA & COL	CODE	Etc	CODE
DTIB12	11	PRIB	31	STIB	51	VMIB	61
DTIB24	12	BRIB	32			MISB	71
SLIB6	13	LCOB4	33				
SLIB12	14	LCOB8	34				
WTIB	15	CLCOB4	49				
DSIB	18	TLIB	37				
		EMIB	38				
		VOIB	41				
		NPRIB	42(ARIA-130)				
		NBRIB(8)	43(ARIA-130)				
		NBRIB(4)	44(ARIA-130)				

TABLE 1.6.3 WTIB PORT NUMBER ASSIGNMENT

PGM	BTN	ITEM	RANGE		DEFAULT	REMARK
			ARIA-300/600	ARIA-130		
102	-	WTIB Port Number Assignment	008 – 192 (Multiple of 8)	08-80 (Multiple of 8)	8	When ARIA-130 has one rack : 08-40

TABLE 1.6.4 LOGICAL SLOT ASSIGNMENT

PGM	BTN	ITEM	DEFAULT	REMARK
103	1	COL Board	Refer to Note	
	2	STA Board	Refer to Note	
	3	VMIB	Not Assigned	

Note) If the DIP switch of the manual board detection DIP Switch 8) is ON, system will detect the logical slot assign in sequence as increase order automatically. If the DIP switch 8 is OFF, the logical slot assignment must be entered at each board type. After manual logical slot assignment, user should reset the system manually.

TABLE 1.6.5 NUMBERING PLAN TYPE

PGM	BTN	ITEM	STA RANGE			REMARK
			ARIA-300	ARIA-130	ARIA-600	
104	3	Number Set Type **3**	100 – 399	100 – 227	1000 – 1599	

TABLE 1.6.6 FLEXIBLE NUMBERING PLAN

PGM	BTN	FIELD	NUMBER SET3	REMARK
105	-	Intercom Call	100 - 399	ARIA-300
			100 - 227	ARIA-130
			1000 - 1599	ARIA-600
106	1	Group Pilot Number	620 - 667	ARIA-300, ARIA-600
			620 - 634	ARIA-130
	2	Internal Page Zone	#01 - #35	ARIA-300, ARIA-600
			#01 - #15	ARIA-130
	3	Internal All Call Page	#5	
	4	Meet Me Page	##	
	5	External Page Zone 1	#6	
	6	External Page Zone 2	#7	
	7	External Page Zone 3	#8	
	8	External All Call Page	#9	
	9	All Call Page (Int & Ext)	#00	
	10	SMDR Account Code Enter	550	SLT
	11	Flash Command to CO Line	551	SLT
	12	Last Number Redial	552	SLT
	13	DND (Toggle On/Off)	553	SLT
	14	Call Forward	554	SLT
	15	Speed Dial Programming	555	SLT
	16	Message Wait/Callback Enable	556	
	17	Message Wait/Callback Return	557	SLT
	18	Speed Dial Access	558	SLT
	19	Cancel DND/FWD/Pre-MSG	559	SLT
	20	System Hold	560	SLT
	21	Forced Log-in	561	
	22	Forced Log-out	562	
	23	Programming Mode Enter Code	563	SLT
	24	ACD Reroute	564	

PGM	BTN	FIELD	NUMBER SET3	REMARK
107	1	Alarm Reset	565	
	2	Group Call Pickup	**	
	3	UCD DND	568	
	4	Night Answer	577	
	5	Call Parking Locations	601 – 619	ARIA-300, ARIA-600
			601 – 610	ARIA-130
	6	Direct Call Pickup	*7	
	7	CO Group Access	801-872	ARIA-300, ARIA-600
			801-824	ARIA-130
	8	Individual CO Access	88001-88200	ARIA-300
			8801-8840	ARIA-130
			88001-88400	ARIA-600
	9	Tie Routing Access	89xx-89xx	XX = Nominated lines from 01 – 30 8901 - 8930
	10	Retrieve Held CO Line	8*	
	11	Retrieve Held Individual CO Line	8#xxx	ARIA-300, ARIA-600
			8#xx	ARIA-130
	12	Access CO Line In the 1st available CO Group	9	
	13	Attendant Call	0	
	14	1st Door Open	#*1	
	15	2nd Door Open	#*2	
	16	3rd Door Open	#*3	
	17	4th Door Open	#*4	
	18	5th Door Open	#*5	
	19	6th Door Open	#*6	
	20	7th Door Open	#*7	ARIA-300, ARIA-600
			N/A	ARIA-130
	21	VM Message Waiting Enable	*8	
	22	VM Message Waiting Disable	*9	

TABLE 1.6.7 IP SETTING

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
108	1	IP Name	Max 16		Skip : #
	2	Server IP Address	12 Digits		
	3	CLI IP Address	12 Digits		
	4	Gateway Address	12 Digits		
	5	Subnet Mask	12 Digits	255.255.255.0	
	6	PPP Usage	1:ON 0:OFF	ON	

TABLE 1.6.8 EXPANDED FLEXIBLE NUMBERING PLAN

PGM	BTN	LCD DISPLAY	Number Set 3
109	1	MCID REQUEST ENTER NEW #	*0
	2	RSG Door Open 1	*1
	3	RSG Door Open 2	*2
	4	Enter Conf Room	*57
	5	SLT Conf Page Join	*58
	6	Unsupervised Conf Tmr Extend	*##

TABLE 1.6.9 STATION ID ASSIGNMENT

PGM	BTN	ITEM	RANGE		DEFAULT	REMARK
			ARIA-300, ARIA-600	ARIA-130		
110	1	ID	01-18	01-13		17(12): SLT-CID(FSK) 18(13): SLT-CID(DTMF)
	2	DSS/DLS MAP – Associate STA	STA #	STA #		

TABLE 1.6.10 STATION ATTRIBUTE I/II/III

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
111	1	Auto Speaker Selection	ON / OFF	ON	
	2	Call Forward	ON / OFF	ON	
	3	DND	ON / OFF	ON	
	4	Data Line Security	ON / OFF	OFF	
	5	Howling Tone to SLT	ON / OFF	ON	
	6	ICM Box Signaling	ON / OFF	OFF	
	7	No Touch Answer	ON / OFF	ON	
	8	Page Access	ON / OFF	OFF	
	9	Ring Type	1 - 4	1	
	10	Speaker/Headset Ring	SP/HEAD/ BOTH	Speaker-Phone	
	11	Speaker Phone/Headset	ON/OFF	ON	
	12	VMIB Slot	0 - 2 (ARIA-300, ARIA-600) 0 - 1 (ARIA-130)	0	
	13	ICM Group	01 - 15 (ARIA-300 ARIA-600) 01 - 05 (ARIA-130)	01	
	14	Error Tone for TAD	ON / OFF	OFF	
	15	SLT Flash Drop	ON / OFF	OFF	
	16	Loop LCR Account Code	ON / OFF	OFF	
	17	VMIB Message Type	FIFO/LILO	OFF	
	18	Off-Net Call Forward	EN/DIS	EN	
	19	Forced HF Mode	ON/OFF	OFF	
	20	CID SLT CAS GA	00 – 20	05	
	21	CID SLT FSK GA	00 – 20	05	

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
112	1	CO Warning Tone	ON / OFF	OFF	
	2	Automatic Hold	ON / OFF	OFF	STA2:ON
	3	CO Call Time Restriction	ON / OFF	OFF	
	4	Ind CO Line Access	EN/DIS	ENABLE	
	5	CO Line Queuing	EN/DIS	ENABLE	
	6	CO PGM	EN/DIS	DISABLE	
	7	PLA	EN/DIS	ENABLE	
	8	Prepaid Call	ON / OFF	OFF	
	9	Speed Dial Access	EN/DIS	ENABLE	
	10	Two Way Record	ON / OFF	OFF	
	11	Fax Mode	ON / OFF	OFF	
	12	OFFNET Call Mode	EXT/ALL	ALL	
	13	UCD Grp Service	ON / OFF	OFF	
	14	Ring Grp Service	ON / OFF	OFF	
	15	Stop Camp On Tone	EN/DIS	DISABLE	

16	Line length	Short/Long/ Far	Short	SAF only
17	MSG SCRL SPD	0-7	3	
18	Block Back Call	On/Off	Off	
19	I-Time RST	On/Off	Off	
20	STA Account	On/Off	Off	
21	CID Type 2 Service	On/Off	Off	
22	Door Open	ENABLE/ DISABLE	DISABLE	
23	Dummy Station	On/Off	Off	

PGM	BTN	ITEM			RANGE	DEFAULT	REMARK
113	1	Admin			EN/DIS	DISABLE	STA100 Enable
	2	VMIB Access			EN/DIS	DISABLE	
	3	Group Listening			EN/DIS	DISABLE	
	4	Override Privilege			EN/DIS	DISABLE	
	5	SMDR Hidden Dialed Digits			EN/DIS	DISABLE	
	6	Voice Over			EN/DIS	DISABLE	
	7	Warm Line	Hot Line / Warm Line		Warm Line		
	8	DVU MSG Retrieve Password			ON/OFF	OFF	
	9	DVU MSG Retrieve Date/Time			ON/OFF	ON	
	10	Alarm Attribute	ARIA-130	MPB	(ON/OFF)	OFF	
				MISB	(ON/OFF)	OFF	
			ARIA-300	MISB	(ON/OFF)	OFF	
				RAU1	(ON/OFF)	OFF	
				RAU2	(ON/OFF)	OFF	
			Aria-600	**LMUE**	(ON/OFF)	OFF	
				RAU1	(ON/OFF)	OFF	
				RAU2	(ON/OFF)	OFF	

TABLE 1.6.11 ISDN STATION ATTRIBUTE

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
114	1	CLIP LCD Display	ON / OFF	ON	
	2	COLP LCD Display	ON / OFF	OFF	
	3	CLI / REDIRECT Display	CLI/ REDIRECT	CLI	
	4	CLI MSG Wait	ON / OFF	OFF	
	5	EXT or CO ATD	ATD/EXT	EXT	
	6	Keypad Facility	KEYPAG/DTMF	DTMF	
	7	Long/Short	LONG/SHORT	SHORT	
	8	CPN Type	0-2	0(Not used)	
	9	S0 Sub-address	0-2	0(Not used)	
	10	Reserved	-	-	
	11	CLI Name Display	ON/OFF	OFF	

12	ISDN CLI Station Number	Max 4 digits	Logical STA Number
13	Progress Indication	ON / OFF	OFF
14	ISDN CLIR	ON / OFF	OFF
15	ISDN COLR	ON / OFF	OFF
16	DID Restriction	ON / OFF	OFF
17	DID Call Wait	ON/OFF	OFF
18	CLI Type	Long/Short	Short
19	Long Station CLI		
20	MSN Wait	ON/OFF	OFF

TABLE 1.6.12 FLEXIBLE BUTTON ASSIGNMENT

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
115	01-44	Flex. Buttons Assignment	BTN 01-44		
		01: User Button	-		Not programmed
		02: {CO} Button	01-40 (ARIA-130) 001-200 (ARIA-300) 001-400(ARIA-600)		
		03: {CO Group} Button	01-24 (Aria-130) 01-72 (ARIA-300, ARIA-600)		
		04: {LOOP} Button	-		
		05: {STA xxx} Button	STA No.		
		06: STA PGM Button	11 - 99		
		07: {STA SPD xxx} Button	STA SPD Bin No.		
		08: {SYS SPD xxxx} Button	SYS SPD Bin No.		
		09: Num Pln Button	Num Plan Code		
		10: Net DSS Button Assign.			
		11: MSN Number			
		12: Hunt Group Number			

TABLE 1.6.13 STATION BASE PROGRAM

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
116	1	Station COS : Day	1 - 9	1	
	2	Station COS : Night	1 - 9	1	
117		CO Group Access			
	1	CO Line Group 01~24		01-24	
	2	CO Line Group 25~48		25-48	ARIA-130: N/A
	3	CO Line Group 49~72		49-72	
118		Internal Page Zone Access		GRP 01	
	1	Internal Page Zone 01~24	ARIA-130 : 01-10		
	2	Internal Page Zone 25~30			ARIA-130: N/A
119	1-5	Conference Page Zone Access	31 - 35 (ARIA-300, Aria-600) 11 - 15 (ARIA-130)		

120		ICM Tenancy Group number			
	1	ICM Tenancy Group Attendant	STA No.	-	
	2	ICM Tenancy Access Group	01 - 15 (ARIA-300 Aria-600) 01 - 05 (ARIA-130)	-	
121		Preset Call Forward		-	

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
122		Hot Line / Warm Line		-	
		1: Flex Button	01 – 44	-	
		2: CO Line	001-200 (ARIA-300) 01-40 (ARIA-130) 001-400 (Aria-600)	-	
		3: CO Group	01-72 (ARIA-300, Aria-600) 01-24 (ARIA-130)	-	
		4: Station	STA No.	-	
123	1	CTI Mode	0 – 2	1	0: Inactive 1: CTI mode 2: AT mode
	2	CTI Baud Rate	0 – 2	0	0: 1200 1: 2400 2: 4800
124		SMDR Account Group Assign	00 – 99(ARIA-300, Aria-600) 00 – 23(ARIA-130)	00(Not Assigned)	

TABLE 1.6.14 TABLE COPY DSS BUTTON

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
125		Copy DSS button	F1 / F2		

TABLE 1.6.15 DISPLAY STATION NUMBER BY COS

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
130		Display Station Number by COS	F1 / F2		

TABLE 1.6.16 DISPLAY STATION NUMBER BY CO ACCESSS

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
131		Display Station Number	F1 / F2		

TABLE 1.6.17 CO LINE BASE PROGRAM

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
140		CO Service Type			
	1	CO Type	1-5	1(Normal)	**1: Normal,** 2: A_DID, **3: ISDN DID/MSN,** **4: TIE,** 5: DCO DID
	2	Detailed Attribute of the type			

If CO Service type is Normal

PGM	BTN	ITEM			RANGE	DEFAULT	REMARK
140	1	CO Service Type			1-5	1 (Normal)	
	2	Detailed Attribute					
		BTN	DISA				
		1	Day	DISA SVC	ON /OFF	OFF	
				VMIB ANNC	00-70	00(NOT_ASG)	
		2	Night	DISA SVC	ON /OFF	OFF	
				VMIB ANNC	00-70	00(NOT_ASG)	
		3	W/end	DISA SVC	ON /OFF	OFF	
				VMIB ANNC	00-70	00(NOT_ASG)	

If CO Service type is ISDN DID/MSN,

PGM	BTN	ITEM	RANGE	VALUE	REMARK
140	1	CO Service Type	1-5	3 ISDN DID/MSN	
	2	Detailed Attribute			No Attributes Required

If CO Service type is TIE,

PGM	BTN	ITEM		RANGE	VALUE	REMARK
140	1	CO Service Type		1-5	4: TIE,	
	2	Detailed Attribute				
		TIE Attribute				

			TIE SIG	1-5	Not Assigned	1: RD 2: LD 3: EM-C 4: EM-D 5: EM-I

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
141		CO Line Attributes –I	1-9		
	1	CO Line Group Assignment	00-73 (ARIA-300, Aria-600) 00-25 (ARIA-130)	01	
	2	CO Line COS	1-5	1	
	3	DISA Account Code	ON / OFF	OFF	
	4	CO Line Assign	POL/LOOP	LOOP	Polarity RV, Loop Start
	5	CO Line Type	PBX/CO	CO	
	6	CO Line Signal Type	DTMF/PULSE	DTMF	
	7	Flash Type	GROUND/LOOP	LOOP	
	8	UNA	ON / OFF	OFF	
	9	CO Line Group Account	ON / OFF	OFF	
	10	Tenancy Group	00-15 (ARIA-300, Aria-600) 00-05 (ARIA-130)	01	

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
142		CO Line Attributes – II	1-13		
	1	CO Line Name Display	ON / OFF	OFF	
	2	CO Line Name Assign		-	Max 12 characters
	3	Metering Unit	00-06	0	
	4	Line Drop using CPT	ON / OFF	OFF	
	5	CO Distinct Ring	0-4	0	
	6	CO Line MOH	0-13 (ARIA-300, Aria-600) 0-12 (ARIA-130)	1	
	7	PABX CO Dial Tone	YES / NO	YES	
	8	PABX CO Ring Back Tone	YES / NO	NO	
	9	PABX CO Error Tone	YES / NO	NO	
	10	PABX CO Busy Tone	YES / NO	NO	
	11	PABX CO Announce Tone	YES / NO	NO	
	12	CO Flash Timer	000 – 300	050	10 msec base
	13	Open Loop Detect Timer	0 – 20	0	100 msec base
	14	Line Length	**Not used in**	**Australia**	South Africa ONLY
	15	DISA ANS Timer	1-9	5	

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
143		ISDN CO Line Attribute	1-6		
	1	COLP Table Index	00 ~ 50	None	00 ~ 49: PGM 201 Bin No. 50: PGM 114-BTN 5
	2	CLIP Table Index	00 ~ 50	None	00 ~ 49: PGM 201 Bin No. 50: PGM 114-BTN 5
	3	Type of Calling Number	0-4	2	0:Unknown number 1:International type 2:National number 3:Not used 4:Subscriber number
	4	DID Conversion Type	0 ~ 2	0	
	5	DID Removal Number	00-99	00	00:Do not ignore 01-99:indicate an ignored called party number (DID_RN : DID Remove number from called party information)
	6	ISDN Enblock Sending	ON / OFF	OFF	ON:Enblock Sending Mode OFF:Overlap Sending Mode
	7	CLI Transit	ORI (1) CFW(0)	CFW(0)	ORI : Send CLI as the originate caller's CLI. CFW : Send CLI as the call forwarded station's CLI.
	8	Numbering plan ID Flex 1: Calling Flex 2: Called	 0 - 7 0 - 7	 0 0	See *Note* Below:
	9	ISDN – SS CD	Enable / Disable	DIS	
	10	ISDN 1 Digit Remove	ON/OFF	OFF	ISDN incoming CPN is unknown-unknown case, the first 1 digit is removed.
	11	ISDN CP INBAND	ON / OFF	OFF	

Note:

0 = Unknown
1 = ISDN/Telephony
2 = Not Used
3 = Data
4 = Telex
5 = Not Used
6 = National Standard
7 = Private

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
144		CO Ring Assignment			STA Range (Delay : 0 – 9), Hunt Group, VMIB Message
	1	Day	STA_R/ HUNT/ VMIB		
	2	Night	STA_R/ HUNT/ VMIB		
	3	Weekend	STA_R/ HUNT/ VMIB		
	4	On-demand	STA_R/ HUNT/ VMIB		
145		CO Ring Assignment Display			
	1	Day			
	2	Night			
	3	Weekend			
	4	On-demand			

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
146	1	Incoming Prefix Code Insertion	ON / OFF	OFF	
	2	Outgoing Prefix Code Insertion	ON / OFF	ON	
	3	A/u-Law Line Installed	U/A	A-Law	ON: u-Law OFF: A-Law
	4	Calling Sub-address	ON/OFF	OFF	If this field is ON, station number will be filled in calling party number sub-address IE in setup.
	5 6	DID Dgt Rec_Num. DID Dgt Mask	2 – 4 Max 4 digits	3 #***	

TABLE 1.6.18 CO MSN Mapping Table

(Table removed from S/W version 2.2 Fi)

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
147		CO Mapping Table	000-249	-	

TABLE 1.6.19 ISDN CO BASE PROGRAM

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
160		System Attributes-I	1-13		
	1	Attendant Call Queuing RB	RBT/MOH	MOH	RBT:Ring Back Tone MOH:PGM171 - 2
	2	CAMP RBT/MOH	RBT/MOH	MOH	
	3	CO Line Choice	LAST/ROUND	LAST	Round-Robin, Last Choice
	4	DISA Retry Counter	1-9	3	
	5	ICM Continuous Dial-Tone	CONT / DISCONT	CONT	Continuous, Discontinuous
	6	CO Dial-Tone Detect	ON / OFF	OFF	
	7	External Night Ring	ON / OFF	OFF	
	8	Hold Preference	SYS/EXEC	SYS	System, Exclusive
	9	Multi-line Conference	ON / OFF	ON	
	10	Print LCR Conversion Digit	ON / OFF	OFF	
	11	Conference Warning Tone	ON / OFF	ON	
	12	Offnet Prompt Usage	ON / OFF	ON	
	13	Offnet DTMF Tone	ON / OFF	ON	
	14	CO Voice Path Connect	IMM/DGT	DGT	
	15	Transfer Tone	RBT/MOH	RBT	
	14	CO Voice Path Connect	IMM/DGT	DGT	
	15	Transfer Tone	RBT/MOH	MOH	
	16	CO-CO Xfer CPT Detect	ON/OFF	OFF	
	17	ACD info print	ON/OFF	OFF	
	18	Unsupv. Conf Tmr Extend	ON/OFF	OFF	
161		System Attributes-II	1-13		
	1	Network Time/Date Setting	ON / OFF	OFF	
	2	Off-Hook Ring Signal Type	MUTE/BURST	MUTE	Mute Ring, One Burst
	3	Override 1st CO Group	ON / OFF	ON	
	4	Page Warning Tone	ON / OFF	ON	
	5	Privacy	ON / OFF	ON	
	6	Privacy Warning Tone	ON / OFF	ON	
	7	Single Ring for CO Call	YES/NO	NO	
	8	WTU Auto Release	ON / OFF	OFF	
	9	ACD PRNT Enable	ON / OFF	OFF	ON:10s
	10	ACD PRNT Timer	001 – 255	001	10 sec or 1 hour base
	11	ACD Clr After Print	ON / OFF	OFF	
	12	VMIB PROMPT GAIN	00 - 31	08	
	13	VM with CLI Info	ON / OFF	OFF	
	14	ACD Print Timer Unit	HOUR/SEC	SEC	SEC: 10 seconds
	15	Set VM SMDI Type	TYPE II/ TYPE I	TYPE I	
	16	Incoming Call Toll Check	ON/OFF	OFF	
	17	Auto FAX Transfer CO	01-08	-	Aria-24 ONLY

	18	No DSS indication	EN/Dis	Dis	
	19	UK Billing mode	On/Off	Off	
162	-	Admin Password	4 Digits	-	
163	1	Alarm Enable	ON / OFF	OFF	
	2	Alarm Contact Type	CLOSE/OPEN	CLOSE	Close, Open
	3	Alarm Mode	ALARM / BELL	ALARM	Alarm, Door Bell
	4	Alarm Signal Mode	RPT/ONCE	RPT	Repeat , Once
164	1-5	Attendant Assignment	STA No.	1 : 101	Max 5 Atds
165	-	Auto Attendant			
	1	Auto Attendant Usage	ON / OFF	OFF	
	2	Auto Attendant VMIB Annc.#	00-70	00(not_asgn)	
PGM	**BTN**	**ITEM**	**RANGE**	**DEFAULT**	**REMARK**
166		CO-to-CO COS	1-7	1	
	1	Day COS	1-7	1	
	2	Night/Weekend COS	1-7	1	
167		DID/DISA Destination	F1-F4		
	1	Busy Destination	F1-F3	F1	1: Tone 2: ATD (Ring Assign) 3: FWD to Hunt Grp
	2	Error Destination	F1-F3	F1	
	3	No Answer Destination	F1-F3	F1	
	4	VMIB PROMPT USAGE	F1-F5		
		1- Busy Prompt Usage	ON / OFF	ON	
		2- Error Prompt Usage	ON / OFF	ON	
		3- DND Prompt Usage	ON / OFF	ON	
		4- No Ans Prompt Usage	ON / OFF	ON	
		5- Atd Xfer Prompt Usage	ON / OFF	ON	
	5	Reroute Busy Dest	F1-F3	F1	1: Tone 2: ATD (Ring Asgn) 3: FWD to Hunt Grp
	6	Reroute Error Dest	F1-F3	F1	
	7	Reroute No Answer Dest	F1-F3	F1	
168	1	First Contact	1-5	-	1: LBC(STA #) 2: Door 3: Ext. 1 4: Ext. 2 5: Ext. 3
	2	Second Contact	1-5	-	
	3	Third Contact	1-5	-	
	4	Forth Contact	1-5	-	
	5	Fifth Contact	1-5	-	
	6	Sixth Contact	1-5	-	
	7	Seventh Contact	1-5	-	ARIA-300 Only
169	1	Time Display Mode	12H/ 24H	12H	
	2	Date Display Mode	MMDD / DDMM	DDMMYY	

	3	Language Display Mode	00-14	12(Korean)	0:ENGLISH, 1:ITALIAN, 2:FINNISH, 3:DUTCH, 4:SWEDISH, 5:DANISH, 6:NORWEGIAN, 7:HEBREW, 8:GERMANY, 9:FRENCH, 10:PORTUGUESE, 11:SPANISH, 12:KOREAN, 13:ESTONIA, 14:RUSSIAN,

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
170		Modem Associated Device		STA 227 (ARIA-130) STA 399 (ARIA-300) STA 1599 (Aria-600)	Last Station
	1	Associated Station	Station Number		
	2	Associated CO	CO Number		

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
171	1	BGM Type	0-12 (ARIA-300, Aria-600) 0-11 (ARIA-130)	1	0: None 1: Int. Music 2-4: Ext. Music 1-3 5-6(7): VMIB 1-2(3) 7(8)-11(12): SLT MOH
	2	MOH Type	0-13 (ARIA-300, Aria-600) 0-12 (ARIA-130)	1	0: NOT_ASG 1: Int. Music 2-4: Ext. Music 1-3 5-6(7): VMIB 1-2(3) 7(8)-11(12): SLT MOH 12(13): Hold Tone
	3	ICM Box Music Channel	0-12 (ARIA-300, Aria-600) 0-11 (ARIA-130)	1	The same as above
	4	Assign MOH via SLT	Flex. 1-5 (+SLT STA No.)	-	SLT MOH 1-5

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
172	1 - 4	PBX Access Code	Max. 2 digits	-	Maximum 4 PBX access code
173		PLA Priority Setting			PLA priority is set Exclusively
	1	Transfer CO	1 – 4	1	
	2	Recalling CO	1 – 4	2	
	3	Incoming CO	1 – 4	3	
	4	Queued CO	1 – 4	4	

174		RS-232 PORT Setting			
	1	Baud Rate Setting	0-8	19200(6)	0: UNKNOWN 1: UNKNOWN 2: 1200 BAUD 3: 2400 BAUD 4: 4800 BAUD 5: 9600 BAUD 6: 19200 BAUD 7: 38400 BAUD 8: 57600 BAUD
	2	CTS	ON / OFF	OFF	
	3	Page Break	ON / OFF	OFF	
	4	Line Page	001-199	060	

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
175	1	Off-line SMDR/Statistics Print	01-13 (ARIA-300, Aria-600) 01-11 (ARIA-130)	COM2(02) : ARIA-300 COM1(01) : ARIA-130	Value : 1-8 : ARIA-300, Aria-600 Value : 1-6 : ARIA-130
	2	Admin Print			
	3	Traffic Print			
	4	SMDI Print			
	5	CALL Info Print			
	6	On-line SMDR Print			
	7	Trace Print			
	8	Debug Print			
	9	PC_ADM		NET_PCADM	ARIA-300, Aria-600 :1-5, 9, 10 ARIA-130 : 1-3, 7, 8
	10	PC_ATD		NET_PCATD	ARIA-300, Aria-600 : 1, 2, 4, 5, 11 ARIA-130 : 1, 2, 4, 9
	11	CTI		NET_CTI	ARIA-300 , Aria-600 : 1, 2, 4, 5, 12 ARIA-130 : 1, 2, 4, 10
	12	REMOTE_DIAG		NET_REMOTE	ARIA-300 , Aria-600: 1-5, 13 ARIA-130 : 1-3, 11

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
176	-	Pulse Dial/Speed Ratio	66/33 / 60/40	66/33	66/33 60/40(10 PPS only)
177		SMDR Attributes	1-14		
	1	SMDR Save Enable	ON / OFF	OFF	
	2	SMDR Print Enable	ON / OFF	OFF	
	3	SMDR Recording Call Type	LD / ALL	LD	LD : Long Distance ALL: All

4	SMDR Long Distance Call Digit Counter	07-15	07	Considered more than this value as Long Distance Call.
5	Print Incoming Call	ON / OFF	OFF	
6	Print Lost Call	ON / OFF	OFF	
7	Records in Detail	ON / OFF	ON	
8	SMDR Dial Digit Hidden	0-9	0	
9	SMDR Currency	3 English Chars	-	
10	SMDR Cost Per Unit Pulse	6 digits	-	
11	SMDR Fraction	0-5	0	
12	SMDR Start Timer	0 – 250	0	1 sec base
13	SMDR Hidden Digit	Right/Left	Right	
14	SMDR Long Distance Codes	MAX 2 digits	0	Max. 5 LD codes

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
178	1	System Time Setting	4 digits	-	Hour/Min sequence
	2	System Date Setting	6 digits	-	Month/Day/Year sequence.
179	1	View			Show the linked pairs
	2	Linked Pair Input	2 STA#		Max: 64 pairs

TABLE 1.6.20 SYSTEM TIMER PROGRAM

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
180	1	Attendant Recall Timer	00 - 60	01	1 min base
	2	Call Park Recall Timer	000 - 600	120	1 sec base
	3	Camp-on Recall Timer	000 - 200	030	1 sec base
	4	Exclusive Hold Recall Timer	000 - 300	060	1 sec base
	5	I-Hold Recall Timer	000 - 300	030	1 sec base
	6	Sys Hold Recall Timer	000 - 300	030	1 sec base
	7	Transfer Recall Timer	000 - 300	030	1 sec base
	8	ACNR Delay Timer	000 - 300	030	1 sec base
	9	ACNR No Answer Timer	10 - 50	30	1 sec base
	10	ACNR Pause Timer	005 - 300	030	1 sec base
	11	ACNR Retry Counter	01 - 30	3	
	12	ACNR No Tone Retry Counter	1 - 9	1	
	13	ACNR Tone Detect Timer	001-300	030	1 sec base
	14	Automatic CO Release Timer.	020 - 300	030	1 sec base
	15	CCR Inter-Digit Timer	000 - 255	030	100 msec base
	16	CO Call Drop Warning Timer	00 - 99	10	1 sec base
	17	CO Call Restriction Timer	00 - 99	0	1 min base
	18	CO Dial Delay Timer	00 - 99	01	100 msec base
	19	CO Release Guard Timer	001 - 150	020	100 msec base
	20	CO Ring Off Timer	010 - 150	060	100 msec base

	21	CO Ring On Timer	1 - 9	2	100 msec base
	22	CO Warning Tone Timer	060 - 900	180	1 sec base
181	1	Call FWD No Answer Timer	000 - 255	015	1 sec base
	2	DID/DISA No Answer Timer	00 - 99	20	1 sec base
	3	VMIB User Record Timer	010 - 255	020	1 sec base
	4	VMIB Valid User Message Timer	0-9	4	1 sec base
	5	Door Open Timer	05 - 99	20	100msec base
	6	ICM Box Timer	00 - 60	30	1 sec base
	7	ICM Dial Tone Timer	01 - 20	10	1 sec base
	8	Inter Digit Timer	01 - 20	05	1 sec base
	9	MSG Wait Reminder Tone Timer	00 - 60	00	1 min base
	10	Paging Timeout Timer	000 - 255	015	1 sec base
	11	Pause Timer	1 - 9	3	1 sec base
	12	Preset Call Forward Timer	00 - 99	10	1 sec base
	13	SLT DTMF Release Timer	00 - 20	00	1 sec base
	14	3SOFT Auto RLS Timer	01-30	05	
	15	VM Pause Timer	01-90	30 (ms)	
	16	Transit connect timer	01-30	04	
	17	**VMIB msg Rewind (sec)**	01 – 99	…	

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
182	1	SLT Hook Switch Bounce Timer	01 - 25	01	100msec base
	2	SLT Maximum Hook Flash Timer	01-25	05	100msec base
	3	SLT Minimum Hook Flash Timer	000 - 250	020	10msec base
	4	SLT Ring Phase Timer	2 - 5	5	1 sec base
	5	Station Auto Release Timer	020 - 300	060	1 sec base
	6	Unsupervised Conference Timer	00 - 99	10	1 min base
	7	Wake-Up Fail Ring Timer	00 - 99	20	1 sec base
	8	Warm Line Timer	01 - 20	05	1 sec base
	9	Wink Timer	010 - 200	010	10msec base
	10	Enblock Digit timer	01-20	15	1 sec base
	11	CCR Time Out Timer	000-300	015	1 sec base
	12	DID Inter Digit Timer	01-20	03	1 sec base
	13	FAX Tone Detect Timer	01-10	05	1 sec base
	14	FAX CO Call Timer	1-5	1	1 min base

(PGM 185,186 and 187 Not avail in Australia)

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
185		CIDU Setting			
	1	CID Usage	ON / OFF	OFF	
	2	CID Name Display	Name(1) / Telephone No.(0)	Telephone No.(0)	
	3	Serial Port Select	1-4	-	
	4	CID/CO Line Port Mapping	000-063	-	
	5	Initialize CID Data			

TABLE 1.6.21 DCOB ATTRIBUTE

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
186		DCOB System Attributes	1-12		
	1	DCOB CO Type	0-2	2	0:Sweden/Cyprus 1:Italy 2:Korea/Australia
	2	Metering Type	0-1	0	
	3	R2 OUT Manage Timer	01-50	14	1 sec
	4	R2 IN Manage Timer	01-50	14	1 sec
	5	R2 Disappear Timer	01-50	14	1 sec
	6	R2 Pulse Timer	01-30	7	20 msec
	7	R2 Ready Timer	000-500	7	20 msec
	8	Dial Tone Delay Timer	01-30	20	
	9	Line Status	1-9	6	Free Line
	10	Calling Category	1-9	1	User no priority
	11	DNIS Service	ON/OFF	OFF	
	12	CLI Digit Num	01-10	4	Reserved
187		DCOB CO Line Attributes	CO Line range		
	1	IN Digit Type	0-2	2	0:PULSE 1:DTMF
	2	OUT Digit Type	0-2	2	2:R2MFC
	3	CLI Digit Num	01-15	10	

TABLE 1.6.22 STATION GROUP ASSIGNMENT

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
190		Station Group Number	STA Grp #	-	
	1	Group Type	0-6	0	0: Not Assign 4: Ring 1: Circular 5: VM 2: Terminal 6: Pick up 3: UCD 7: Net VM
	2	Pick-up Attribute	ON/OFF	OFF	
	3	Member Assignment	Not Assigned	-	Group type should be assigned

TABLE 1.6.23 STATION GROUP PROGRAM

PGM	ITEM	BTN	SUB ITEM	RANGE	DEFAULT	REMARK
191	Circular Group	1	VMIB Announce 1 Timer	000-999	015	1 sec base
		2	VMIB Announce 2 Timer	000-999	000	1 sec base
		3	VMIB Announce Location 1	00-70	00(not_asgn)	
		4	VMIB Announce Location 2	00-70	00(not_asgn)	
		5	VMIB Announce 2 Repeat	000-999	000	1 sec base

		6	VMIB Announce 2 Repeat E/D	ON / OFF	OFF	
		7	Overflow Destination	STA #/HUNT#/ VMIB #/SYS SPD#	-	
		8	Overflow Timer	000-600	180	1 sec base
		9	Wrap-up Timer	002-999	002	1 sec base
		10	No Answer Timer	00-99	15	1 sec base
		11	Pilot Hunt	ON / OFF	ON	
		12	Alt If No Member	ON / OFF	OFF	
		13	Music Source	00 - 12 (ARIA-300) 00 - 11 (ARIA-130)	00	
	Terminal Group	1	VMIB Announce 1 Timer	000-999	015	1 sec base
		2	VMIB Announce 2 Timer	000-999	000	1 sec base
		3	VMIB Announce Location 1	00-70	00(not_asgn)	
		4	VMIB Announce Location 2	00-70	00(not_asgn)	
		5	VMIB Announce 2 Repeat	000-999	000	1 sec base
		6	VMIB Announce 2 Repeat E/D	ON / OFF	OFF	
		7	Overflow Destination	STA #/HUNT#/ VMIB #/SYS SPD#	-	
		8	Overflow Timer	000-600	180	1 sec base
		9	Wrap-up Timer	002-999	002	1 sec base
		10	No Answer Timer	00-99	15	1 sec base
		11	Pilot Hunt	ON / OFF	ON	
		12	Alt If No Member	ON / OFF	OFF	
		13	Music Source	00 - 12 (ARIA-300, Aria-600) 00 - 11 (ARIA-130)	00	

PGM	ITEM	BTN	SUB ITEM	RANGE	DEFAULT	REMARK
191	UCD Group	1	VMIB Announce 1 Timer	000-999	015	1 sec base
		2	VMIB Announce 2 Timer	000-999	000	1 sec base
		3	VMIB Announce Location 1	00-70	00(not_asgn)	
		4	VMIB Announce Location 2	00-70	00(not_asgn)	
		5	VMIB Announce 2 Repeat	000-999	000	1 sec base
		6	VMIB Announce 2 Repeat E/D	ON / OFF	OFF	
		7	Overflow Destination	STA #/HUNT#/ VMIB #/SYS SPD#	-	
		8	Overflow Timer	000-600	180	1 sec base
		9	Wrap Up Timer	002-999	002	1 sec base
		10	Alt If No Member	ON / OFF	OFF	
		11	Music Source	00 - 12 (ARIA-300, Aria-600) 00 - 11 (ARIA-130)	00	
		12	ACD Warning Tone	ON / OFF	ON	
		13	Alternate Destination	STA #/ STA GRP#		
		14	Supervisor Timer	000-999	030	1 sec base
		15	Supervisor Call Count	00-99	00	

		16	ACD Queued Call	ON / OFF	OFF	
		17	MAX Que Call Count	00-99	00	
		18	Supervisor	STA #	-	
		19	UCD hunt Stations' Priority	0-9	0	For each member
	Ring Group	1	VMIB Announce 1 Timer	000-999	015	1 sec base
		2	VMIB Announce 2 Timer	000-999	000	1 sec base
		3	VMIB Announce Location 1	00-07	00(not_asgn)	
		4	VMIB Announce Location 2	00-07	00(not_asgn)	
		5	VMIB Announce 2 Repeat	000-999	000	1 sec base
		6	VMIB Announce 2 Repeat E/D	ON / OFF	OFF	
		7	Overflow Destination	STA #/HUNT#/ VMIB #/SYS SPD#	-	
		8	Overflow Timer	000-600	180	1 sec base
		9	Wrap Up Timer	002-999	002	1 sec base
		10	Music Source	00 - 12 (ARIA-300, Aria-600) 00 - 11 (ARIA-130)	00	
		11	Max. Queued Call Count	00-99	00	

PGM	ITEM	BTN	SUB ITEM	RANGE	DEFAULT	REMARK
191	VM Group	1	Wrap-up Timer	002-999	002	1 sec base
		2	Put Mail Index	1-4	1	
		3	Get Mail Index	1-4	2	
		4	Hunt Type	Cir/Term	Term	
		5	SMDI Port	01-13 (ARIA-300, Aria-600) 01-11 (ARIA-130)	02(COM2) 01(COM1)	
		6	Overflow Timer	000-600	180	1 sec base
		7	Overflow Destination	STA #/HUNT#/ VMIB #/SYS SPD#	-	
	Pick-up Group	1	Auto Pick-up	ON / OFF	OFF	
		2	All Group Member Ringing	ON / OFF	OFF	

TABLE 1.6.24 ISDN ATTRIBUTES

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
200	1	Advice of Charge	0-5	0	0: Do not service AOC 1: Italy and Spain 2: Finland 3: Australia 4: Belgium 5: Standard
	2	CO ATD Code	Max 2 digits	-	
	3	Incoming Prefix Code Insertion	ON / OFF	OFF	**See PGM 146 for Aria-600**

	4	Outgoing Prefix Code Insertion	ON / OFF	ON	**See PGM 146 for Aria-600**
	5	A/u-Law Line Installed	U/A	A-Law	**See PGM 146 for Aria-600** ON: u-Law OFF: A-Law
	6	CLI Print	ON/OFF	OFF	
	7	International Access Code	Max 4 digits	-	
	8	Calling Sub-address	ON/OFF	OFF	**See PGM 146 for Aria-600** If this field is ON, station number will be filled in calling party number sub-address IE in setup.
	9	My Area Code	Max 6 digits	-	
	10	My Area Prefix Code	Max 4 digits	-	
	11	Maintain DID Name	ON/OFF	OFF	
	12	PC Application Dest STN	Station	100	Station destination for remote ISDN CAPI access

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
201	-	COLP Table	Entry No. (00-49)	-	Max 10 digits
202	-	MSN Table	Entry No. (000-249)	-	
	1	CO Line number	01-40 (ARIA-130) 001-200 (ARIA-300) 001-400(Aria-600)	-	
	2	Index	000-999	-	
	3	SUB Number	0-9	-	
	4	MSN number	20 digits	-	
	5	Block same MSN	ON/OFF		
203	1	TEI type	Fixed/Auto	Auto	**Aria-24 ONLY**
	2	Service Type	Keypad/Functional	Keypad	**Aria-24 ONLY**
	3	Hold Code	Max. 10 digits	*75#	**Aria-24 ONLY**
	4	Retrieve Code	Max. 10 digits	*76#	**Aria-24 ONLY**

TABLE 1.6.25 LCR TABLE ASSIGNMENT

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
220	1	LCR Access Mode	M00/M01/M02/M11/M12/M13	M00	
	2	Set the Day of week zone		1234567	
		1 MON	1 – 3	1	
		2 TUE	1 – 3	1	
		3 WED	1 – 3	1	
		4 THUR	1 – 3	1	
		5 FRI	1 – 3	1	
		6 SAT	1 – 3	1	
		7 SUN	1 – 3	1	
	3	Set the Time Zone of Day zone 1			
		1 Time Zone1	00 – 24	0024	
		2 Time Zone2	00 – 24	-	
		3 Time Zone3	00 – 24	-	
	4	Set the Time Zone of Day zone 2			
		1 Time Zone1	00 – 24	0024	
		2 Time Zone2	00 – 24	-	
		3 Time Zone3	00 – 24	-	
	5	Set the Time Zone of Day zone 3			
		1 Time Zone1	00 – 24	0024	
		2 Time Zone2	00 – 24	-	
		3 Time Zone3	00 – 24	-	

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
221		Leading Digit Table	000-249		
	1	LCR Type	1 – 3	3	1:int 2:col 3: both
	2	Code (leading digit)	Max 12 digits	-	
	3	Day Zone 1 DMT	6digits		Time1: 2digit
	4	Day Zone 2 DMT	6digits		Time2: 2digit
	5	Day Zone 3 DMT	6digits		Time3: 2digit
	6	Check Password	1: ON 0: OFF	OFF	

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
222		Digit Modification Table	00-99		
	1	Added Digit	Max 25 digits		
	2	Removal Position	1 – 12	1	
	3	Number Of Remove	1 – 12	0	
	4	Add Position	1 – 13	1	
	5	CO Group	1 – 72 (ARIA-300 Aria-600) 1 – 24 (ARIA-130)	1	
	6	Alt Index	0 – 99	-	
223		LCR Table Initialization			
	1	DMT Of Day_zone_1	6 digits		Time1: 2digit

	2	DMT Of Day_zone_2	6 digits		Time2: 2digit
	3	DMT Of Day_zone_3	6 digits		Time3: 2digit
	4	CO Grp Init	1 – 72 (ARIA-300, Aria-600) 1 – 24 (ARIA-130)		
	5	Alt Index Init	0 - 99		
	6	Init All LCR			

TABLE 1.6.26 TOLL TABLE ASSIGNMENT

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
224		Toll Table			
	1	Allow Table A (01-30)	Max 14 digits	-	
	2	Deny Table A (01-30)	Max 14 digits	-	
	3	Allow Table B (01-30)	Max 14 digits	-	
	4	Deny Table B (01-30)	Max 14 digits	-	
	5	Allow Table C (01-50)	Max 14 digits	-	
	6	Deny Table C (01-50)	Max 14 digits	-	
	7	Allow Table D (01-50)	Max 14 digits	-	
	8	Deny Table D (01-50)	Max 14 digits	-	
225		Canned Toll Table			
	1	Allow Table (01-20)	Max 14 digits	-	
	2	Deny Table (01-20)	Max 14 digits	-	
226		Emergency Code Table (01-10)	Max 14 digits		

TABLE 1.6.27 OTHER TABLES

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
227		Author Code Table	001 - 600 (Aria-300) (Aria-600) 001 - 164 (ARIA-130)		
		Table entry (001-600)	Max 5 digits		

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
228		CCR Table	1-70		
	01	Station	STA #	-	
	02	Hunt Group	HUNT #	-	
	03	VMIB	Announce #	-	
	04	VMIB Drop	Announce #		
	05	System Speed	2000-3499 (ARIA-130) 2000-4999 (ARIA-300) 2000-6999(Aria-600)	-	
	06	Internal Page	1 - 10 (ARIA-130) 1 - 30 (ARIA-300, Aria-600)	-	
	07	External Page	1 – 3	-	

	08 09 10	All Call Page Net Number Conference Room	1 – 3 Net Number 1-9	-	1:INT 2:EXT 3:All
229		Exec/Sec Table	01-12 (ARIA-130) 01-36 (ARIA-300. Aria-600)		
		Table entry(01-36)	STA #/STA #		

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
231	-	Flexible DID Table	Entry No.(000-999)	-	
	1	DID Name	Max 11 chars.	-	
	2	Day Destination	1-10	-	01(sta), 02(hunt), 03(VMIB)
	3	Night Destination	1-10	-	04(VMIB drop),0 5(spd),
	4	Weekend Destination	1-10	-	06(int. page), 07(ext. page)
	5	Reroute Destination	1-6	-	08(all page), 09(net call), 10(Conf Room)
232		System Speed Zone	01-10		
	1	Speed Bin Range in Zone	2200-3499 (ARIA-130) 2200-4999 (ARIA-300) 2000-6999(Aria-600)	-	
	2	Station Range	Station Range	-	
	3	Toll Checking	On/Off	ON	

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
233		Weekly Time Table	1 – 7	-	Day of Week
	1	Day Start Time	0000 – 2359	0900	
	2	Night Start Time	0000 – 2359	1800	
	3	Weekend Start Time	0000 – 2359		
234		Voice Mail Dial-Table	1 - 9		
	1	Prefix Index	12 Digits	-	
	2	Suffix Index	12 Digits	-	
235		TIE Line Routing Table	CO number	-	
236		Mobile Extension Table	001– 600 001 – 300 001 – 128		(LDK-600) (LDK-300) (LDK-100)
	1	Mobile Extension Enable	ON/OFF	OFF	
	2	Mobile Extension CO Grp.	1 – 72 1 – 24		(LDK-300/300E) (LDK-100)
	3	Mobile Extension Tel No	Max 24		
250		Hot Desk Attributes			
	1	Number of Agent	(000 – 300)	000	
	2	View Agent Range	N/A	…	
	3	Auto Logout Timer (hour)	00 – 24	00	

TABLE 1.6.28 NETWORKING ATTRIBUTE

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
320		Networking Basic Attributes	F1-F7		
	1	Networking Enable	ON / OFF	OFF	
	2	Networking Retry Count	00 – 99	00	
	3	Networking CNIP Enable	ON / OFF	OFF	
	4	Networking CONP Enable	ON / OFF	OFF	
	5	Networking Signal Method	FAC / UUS	UUS	
	6	Networking CAS Enable	ON / OFF	OFF	
	7	Networking VPN Enable	ON / OFF	OFF	
	8	Net CC Retain Mode	ON / OFF	OFF	**Aria-600 only**
321		Supplementary Attributes	F1-F7		
	1	Networking Transfer Mode	RERT / JOIN	JOIN	
	2	TCP port	4 digits	9000	
	3	UDP port	4 digits	9001	
	4	Gatekeeper IP Address (**BLF**)	12 digits	0.0.0.0	
	5	Duration of BLF status	01 ~ 20 sec	02	
	6	Multicast IP Address	12 digits	0.0.0.0	
	7	Net Trans Recall Timer	1 ~ 300	10	
322		Networking CO Line Attributes	CO Line range		
	1	Networking CO Group	00 – 24	00	
	2	Networking CO Out Send	ON / OFF	OFF	
	3	Networking CO Out Trans	ON / OFF	OFF	
323		CAS/VPN CO Group Assign	F1-F3		
	1	CAS Number Table Index	00-71	00	
	2	VPN CO Group	00-71	00	
	3	CAS Prefix Code	8 digits	-	
324		Networking Routing Table	00-71		
	1	System Usage	(0:NET / 1: PSTN)	NET(0)	
	2	Numbering Plan Code	16 digits		
	3	Numbering Plan CO Group	00-24	-	
	4	CPN Information	16 digits	-	
	5	Alternate Speed Bin	2000-4999		
	6	MPB LAN IP Address	IP address	-	
	7	Digit Repeat	(0:NO/1:YES)	-NO	
	8	CO ATD Code CLI	YES/NO	NO	

TABLE 1.6.29 VOIB NET ATTRUBUTE

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
340		VOIB IP SETTING	F1-F3 (ARIA-300) F1-F2 (ARIA-130)		
		VOIB NET SETTING	F1-F5		

	1	IP Addressing(SKIP:#)			
	2	GATEWAY Addressing (SKIP:#)			
	3	SUBNET Mask(SKIP:#)			
	4	DNS Addressing (SKIP:#)			
	5	TRACE Password			Max 10 Digits
	6	Default CODEC	1 – 4	1	
	7	Default GAIN	1 - 62	31	
	8	NO Delay (TOS)	ON / OFF	OFF	
	9	Throughput (TOS)	HIGH / NORMAL	NORMAL	
	10	Reliability (TOS)	HIGH / NORMAL	NORMAL	

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
380	VOIB for RSG / IP (1 – 2)			**C.0Am**	
	1	….. …… ….			
	2	RSG/IP Channel Assignment / VOIB Slot Num	(00 – 08)	**00**	
381	RSG / IP NO ASSIGN				
	1	RSG	L300:00-96 L130:00-32	**08**	
	2	IP Phone	L300:00-96 L130:00-64	**00**	
382	RSG / IP ATTRIBUTES 1 (1 – 7)				
	1	Transfer Mode	MAC / IP	**IP**	
	2	CASTING MODE	MULTI / UNI	**UNI**	
	3	TONE SOURCE	LDK / REMOTE	**REMOTE**	
	4	PEER TO PEER	ON / OFF	**ON**	0: G711 Alaw
	5	CODEC TYPE	0 – 2	**0 G711 Alaw**	1: G711 Ulaw
	6	FIRST ACCESS RSG CO	ON / OFF	**ON**	2: G723.1
	7	RING W/O CO RING ASSIGN	ON / OFF	**ON**	
383	RSGM ATTRIBUTES 1 (L300: 01-96; L130: 01-32)				
	1	ST MAC ADDERSS		**00-00-00-00-00-00**	
	2	IP ADDRESS DISP		**0.0.0.0**	
	3	PORT VIEW	D(..) S(..) C(..)		
	4	PORT NUMBER			
	5	NAT IP ADDRESS DISP		**0.0.0.0**	
	6	NAT PORT NUMBER			
	7	STUN ENABLED	NAT / PAT	**NONE**	
384	RSGM ATTRIBUTES 2 (L300: 01-96; L130: 01-32)				
	1	I MOH RTP PORT		8186	
	2	E MOH RTP PORT		8188	
	3	MOH TYPE	MUSIC / H-TN	**H-TN**	
	4	MUSIC SOURCE	EXT /INT	**INT**	
	5	EXT CONTACT 1			
	6	EXT CONTACT 2			
	7	ALARM ENABLE	ON / OFF	**OFF**	
	8	ALARM CONTACT	CLOSE / OPEN	**CLOSE**	
	9	ALARM MODE	ALARM / BELL	**ALARM**	
	10	ALARM SIGNAL	RPT / ONCE	**RPT**	
	11	CTI PORT	SLT (0 – 2)	**NOT_USED**	
	12	RSG NATION CODE		**64**	
385	RSGM ALARM ATTRIBUTES 1 (STA RANGE)				
	1	SELECT RSG ALARM ZONE	L300: F1-F4 L130: F1-F2	**(NONE)**	
386	IP PHONE ATTRIBUTES 1 (L300: 01-96; L130: 01-64)				

	1	SET MAC ADDRESS		**00-00-00-00-00-00**	
	2	IP ADDRESS DISP		**0.0.0.0**	
	3	PORT VIEW			
	4	PORT NUMBER			
	5	NAT IP ADDRESS DISP		**0.0.0.0**	
	6	NAT PORT NUMBER		**0**	
	7	STUN ENABLED	NAT / PAT	**NONE**	
	8	CTI IP ADDRESS		**0.0.0.0**	

390	RSGM_DKT RX GAIN			**C.0Am**	
	1	DKTU	00 – 63	**10**	
	2	SLT	00 – 63	**10**	
	3	CTR SLT	00 – 63	**08**	
	4	WKT	00 – 63	**10**	
	5	ACO	00 – 63	**32**	
	6	CTR ACO	00 – 63	**15**	
	7	DCO	00 – 63	**32**	
	8	VMIB	00 – 63	**32**	
	9	DTMF	00 – 63	**08**	
	10	TONE	00 – 63	**32**	
	11	MUSIC 1	00 – 63	**32**	
	12	MUSIC 2	00 – 63	**32**	
	13	RSG DKT	00 – 63	**10**	
	14	RSG SLT	00 – 63	**08**	
	15	RSG LCO	00 – 63	**15**	
	16	IP PHONE	00 – 63	**10**	
391	RSGM_DKT TX GAIN				
	1	DKTU	00 – 63	**10**	
	2	SLT	00 – 63	**10**	
	3	CTR SLT	00 – 63	**31**	
	4	WKT	00 – 63	**10**	
	5	ACO	00 – 63	**32**	
	6	CTR ACO	00 – 63	**37**	
	7	DCO	00 – 63	**32**	
	8	DVU	00 – 63	**32**	
392	RSGM_SLT RX GAIN				
	1	DKTU	00 – 63	**31**	
	2	SLT	00 – 63	**27**	
	3	CTR SLT	00 – 63	**23**	
	4	WKT	00 – 63	**31**	
	5	ACO	00 – 63	**49**	
	6	CTR ACO	00 – 63	**32**	
	7	DCO	00 – 63	**50**	
	8	VMIB	00 – 63	**53**	
	9	DTMF	00 – 63	**29**	
	10	TONE	00 – 63	**53**	
	11	MUSIC 1	00 – 63	**53**	
	12	MUSIC 2	00 – 63	**53**	
	13	RSG DKT	00 – 63	**31**	
	14	RSG SLT	00 – 63	**23**	
	15	RSG LCO	00 – 63	**32**	
	16	IP PHONE	00 – 63	**31**	

393	RSGM_SLT TX GAIN				
	1	DKTU	00 – 63	**08**	
	2	SLT	00 – 63	**07**	
	3	CTR SLT	00 – 63	**23**	
	4	WKT	00 – 63	**08**	
	5	ACO	00 – 63	**34**	
	6	CTR ACO	00 – 63	**24**	
	7	DCO	00 – 63	**29**	
	8	DVU	00 – 63	**23**	
394	RSGM_LCO RX GAIN				
	1	DKTU	00 – 63	**37**	
	2	SLT	00 – 63	**33**	
	3	CTR SLT	00 – 63	**29**	
	4	WKT	00 – 63	**37**	
	5	ACO	00 – 63	**53**	
	6	CTR ACO	00 – 63	**38**	
	7	DCO	00 – 63	**37**	
	8	VMIB	00 – 63	**37**	
	9	DTMF	00 – 63	**26**	
	10	TONE	00 – 63	**37**	
	11	MUSIC 1	00 – 63	**53**	
	12	MUSIC 2	00 – 63	**53**	
	13	RSG DKT	00 – 63	**37**	
	14	RSG SLT	00 – 63	**29**	
	15	RSG LCO	00 – 63	**38**	
	16	IP PHONE	00 – 63	**37**	
395	RSGM_LCO TX GAIN				
	1	DKTU	00 – 63	**15**	
	2	SLT	00 – 63	**11**	
	3	CTR SLT	00 – 63	**32**	
	4	WKT	00 – 63	**20**	
	5	ACO	00 – 63	**33**	
	6	CTR ACO	00 – 63	**38**	
	7	DCO	00 – 63	**14**	
	8	DVU	00 – 63	**23**	
396	IP PHONE RX GAIN				
	1	DKTU	00 – 63	**10**	
	2	SLT	00 – 63	**10**	
	3	CTR SLT	00 – 63	**08**	
	4	WKT	00 – 63	**10**	
	5	ACO	00 – 63	**32**	
	6	CTR ACO	00 – 63	**15**	
	7	DCO	00 – 63	**32**	
	8	VMIB	00 – 63	**32**	
	9	DTMF	00 – 63	**08**	
	10	TONE	00 – 63	**32**	
	11	MUSIC 1	00 – 63	**32**	
	12	MUSIC 2	00 – 63	**32**	
	13	RSG DKT	00 – 63	**10**	
	14	RSG SLT	00 – 63	**08**	
	15	RSG LCO	00 – 63	**15**	
	16	IP PHONE	00 – 63	**10**	
397	IP PHONE TX GAIN				
	1	DKTU	00 – 63	**10**	

2	SLT	00 – 63	**10**	
3	CTR SLT	00 – 63	**31**	
4	WKT	00 – 63	**10**	
5	ACO	00 – 63	**32**	
6	CTR ACO	00 – 63	**37**	
7	DCO	00 – 63	**32**	
8	DVU	00 – 63	**32**	

TABLE 1.6.30 NATION SPECIFIC

PGM	FLEX	ITEM	RANGE	DEFAULT	REMARK
400		DTIB RX Gain			Korean version
	1	DTIB/DKT	00 – 63	26	
	2	DTIB/SLT	00 – 63	33	
	3	DTIB/CTR SL	00 – 63	22	
	4	DTIB/WTU	00 – 63	26	
	5	DTIB/ACO	00 – 63	33	
	6	DTIB/CTR CO	00 – 63	22	
	7	DTIB/DCO	00 – 63	33	
	8	DTIB/VMIB	00 – 63	29	
	9	DTIB/DTMF	00 – 63	8	
	10	DTIB/TONE	00 – 63	32	
	11	DTIB/MUSIC1	00 – 63	29	
	12	DTIB/MUSIC2	00 – 63	29	
	13	DTIB/MUSIC3	00 – 63	29	

PGM	FLEX	ITEM	RANGE	DEFAULT	REMARK
401		SLIB RX Gain			
	1	SLIB/DKT	00 – 63	12	
	2	SLIB/SLT	00 – 63	23	ARIA-130 : Default 27
	3	SLIB/CTR SL	00 – 63	12	ARIA-130 : Default 16
	4	SLIB/WTU	00 – 63	12	
	5	SLIB/ACO	00 – 63	21	
	6	SLIB/CTR CO	00 – 63	12	
	7	SLIB/DCO	00 – 63	24	
	8	SLIB/VMIB	00 – 63	20	
	9	SLIB/DTMF	00 – 63	8	
	10	SLIB/TONE	00 – 63	18	
	11	SLIB/MUSIC1	00 – 63	20	
	12	SLIB/MUSIC2	00 – 63	20	
	13	SLIB/MUSIC3	00 – 63	20	

PGM	FLEX	ITEM	RANGE	DEFAULT	REMARK
402		CTR SLIB RX Gain			
	1	CTRSL2/DKT	00 – 63	32	

	2	CTRSL2/SLT	00 – 63	43	ARIA-130 : Default 47
	3	CTRSL2/ CTR SL	00 – 63	32	ARIA-130 : Default 36
	4	CTRSL2/WTU	00 – 63	32	
	5	CTRSL2/ACO	00 – 63	41	
	6	CTRSL2/ATR CO	00 – 63	32	
	7	CTRSL2/DCO	00 – 63	44	
	8	CTRSL2/VMIB	00 – 63	40	
	9	CTRSL2/DTMF	00 – 63	28	
	10	CTRSL2/TONE	00 – 63	38	
	11	CTRSL2/MUSIC1	00 – 63	40	
	12	CTRSL2/MUSIC2	00 – 63	40	
	13	CTRSL2/MUSIC3	00 – 63	40	

PGM	FLEX	ITEM	RANGE	DEFAULT	REMARK
403		WTIB RX Gain			
	1	WTIB/DKT	00 – 63	26	
	2	WTIB/SLT	00 – 63	33	
	3	WTIB/CTR SL	00 – 63	22	
	4	WTIB/WTU	00 – 63	26	
	5	WTIB/ACO	00 – 63	38	
	6	WTIB/CTR CO	00 – 63	29	
	7	WTIB/DCO	00 – 63	33	
	8	WTIB/VMIB	00 – 63	29	
	9	WTIB/DTMF	00 – 63	8	
	10	WTIB/TONE	00 – 63	37	
	11	WTIB/MUSIC1	00 – 63	29	
	12	WTIB/MUSIC2	00 – 63	29	
	13	WTIB/MUSIC3	00 – 63	29	

PGM	FLEX	ITEM	RANGE	DEFAULT	REMARK
404		ACOB RX Gain			
	1	ACOB/DKT	00 – 63	26	
	2	ACOB/SLT	00 – 63	37	
	3	ACOB/CTR SL	00 – 63	27	
	4	ACOB/WTU	00 – 63	26	
	5	ACOB/ACO	00 – 63	36	
	6	ACOB/STR CO	00 – 63	27	
	7	ACOB/DCO	00 – 63	33	
	8	ACOB/VMIB	00 – 63	32	
	9	ACOB/DTMF	00 – 63	32	
	10	ACOB/TONE	00 – 63	32	
	11	ACOB/MUSIC1	00 – 63	32	
	12	ACOB/MUSIC2	00 – 63	32	
	13	ACOB/MUSIC3	00 – 63	32	
	14	ACOB/MODEM	00 – 63	37	

PGM	FLEX	ITEM	RANGE	DEFAULT	REMARK
405		CTR ACOB RX Gain			
	1	CTRCO8/DKT	00 – 63	28	
	2	CTRCO8/SLT	00 – 63	43	
	3	CTRCO8/CTR SL	00 – 63	32	
	4	CTRCO8/WTU	00 – 63	31	
	5	CTRCO8/ACO	00 – 63	41	
	6	CTRCO8/CTR CO	00 – 63	32	
	7	CTRCO8/DCO	00 – 63	38	
	8	CTRCO8/VMIB	00 – 63	37	
	9	CTRCO8/DTMF	00 – 63	37	
	10	CTRCO8/TONE	00 – 63	37	
	11	CTRCO8/MUSIC1	00 – 63	37	
	12	CTRCO8/MUSIC2	00 – 63	37	
	13	CTRCO8/MUSIC3	00 – 63	37	
	14	CTRCO8/MODEM	00 – 63	44	

PGM	FLEX	ITEM	RANGE	DEFAULT	REMARK
406		DCOB RX Gain			
	1	DCOB/DKT	00 – 63	26	
	2	DCOB/SLT	00 – 63	37	
	3	DCOB/CTR SL	00 – 63	26	
	4	DCOB/WTU	00 – 63	26	
	5	DCOB/ACO	00 – 63	24	
	6	DCOB/CTR CO	00 – 63	15	
	7	DCOB/DCO	00 – 63	32	
	8	DCOB/VMIB	00 – 63	32	
	9	DCOB/DTMF	00 – 63	32	
	10	DCOB/TONE	00 – 63	32	
	11	DCOB/MUSIC1	00 – 63	32	
	12	DCOB/MUSIC2	00 – 63	32	
	13	DCOB/MUSIC3	00 – 63	32	
	14	DCOB/MODEM	00 – 63	37	

PGM	FLEX	ITEM	RANGE	DEFAULT	REMARK
407		VMIB RX Gain			
	1	VMIB/DKT	00 – 63	21	
	2	VMIB/SLT	00 – 63	32	
	3	VMIB/CTR SL	00 – 63	21	
	4	VMIB/WTU	00 – 63	26	
	5	VMIB/ACO	00 – 63	32	
	6	VMIB/CTR CO	00 – 63	23	
	7	VMIB/DCO	00 – 63	32	
	8	VMIB/MUSIC1	00 – 63	32	
	9	VMIB/MUSIC2	00 – 63	32	

PGM	FLEX	ITEM	RANGE	DEFAULT	REMARK
408		DTMF RC Gain			
	1	DTMF/SLT	00 – 63	28	
	2	DTMF/CTR SL	00 – 63	17	
	3	DTMF/ACO	00 – 63	24	
	4	DTMF/CTR CO	00 – 63	15	
	5	DTMF/DCO	00 – 63	24	

PGM	FLEX	ITEM	RANGE	DEFAULT	REMARK
409		EXT PAGE Gain			
	1	EXT PAGE/DKT	00 – 63	26	
	2	EXT PAGE/SLT	00 – 63	37	
	3	EXT PAGE/CTR SL	00 – 63	26	
	4	EXT PAGE/WTU	00 – 63	26	
	5	EXT PAGE/ACO	00 – 63	37	
	6	EXT PAGE/CTR CO	00 – 63	28	
	7	EXT PAGE/DCO	00 – 63	37	
	8	EXT PAGE/VMIB	00 – 63	37	
	9	EXT PAGE/MUSIC1	00 – 63	37	
	10	EXT PAGE/MUSIC2	00 – 63	37	
	11	EXT PAGE/MUSIC3	00 – 63	37	

PGM	FLEX	ITEM	RANGE	DEFAULT	REMARK
410		CPT Gain			
	1	CPT/ACO	00 – 63	24	
	2	CPT/CTR CO	00 – 63	15	
	3	CPT/DCO	00 – 63	24	

PGM	FLEX	ITEM	RANGE	DEFAULT	REMARK
411		MODEM Gain			
	1	MODEM/ACO	00 – 63	24	
	2	MODEM/CTR CO	00 – 63	20	
	3	MODEM/DCO	00 – 63	24	

PGM	FLEX	ITEM	RANGE	DEFAULT	REMARK
412		Short SLIB Gain			Not for Australia
	1	Shot ACO	00 – 63	31	SAF only
	2	Long ACO	00 – 63	31	
413		Long SLIB Gain			Not for Australia
	1	Shot ACO	00 – 63	37	SAF only
	2	Long ACO	00 – 63	37	
414		Far SLIB Gain			Not for Australia
	1	Shot ACO	00 – 63	45	SAF only
	2	Long ACO	00 – 63	45	
415		Short ACO Gain			Not for Australia
	1	Short SLIB	00 – 63	35	
	2	Long SLIB	00 – 63	41	SAF only
	3	Far SLIB	00 – 63	47	
416		Long ACO Gain			Not for Australia
	1	Short SLIB	00 – 63	39	
	2	Long SLIB	00 – 63	45	SAF only
	3	Far SLIB	00 – 63	51	

PGM	FLEX	ITEM	RANGE	DEFAULT	REMARK
420		System Tone Frequency			
	1	Dial Tone	4digits	0425, 0000	
	2	Ring Back Tone	4digits	0425, 0000	
	3	Busy Tone	4digits	0425, 0000	
	4	Error Tone	4digits	0620, 000	
	5	Dummy Dial Tone	4digits	0350, 440	
421		Differential Ring Frequency			
	1	Ring 1	4digits	1000, 1020	
	2	Ring 2	4digits	0890, 0910	
	3	Ring 3	4digits	1260, 1280	
	4	Ring 4	4digits	0800, 0820	

PGM	FLEX	ITEM	RANGE	DEFAULT	REMARK

422		Distinct Ring Frequency			
	1	Ring 1	4digits	0480, 0000	
	2	Ring 2	4digits	0400, 0000	
	3	Ring 3	4digits	0620, 0000	
	4	Ring 4	4digits	0770, 0000	
423		ACNR Tone Cadence			
	1	Ring-Back Tone	0-255	050, 100	20msec base
	2	Busy Tone	0-255	025, 025	20msec base
	3	Error Tone	0-255	012, 012	20msec base
	4	S –Dial Tone	0-255	070, 000	20msec base

TABLE 1.6.31 INITIALIZATION

PGM	FLEX	ITEM	RANGE	DEFAULT	REMARK
450		Initialization			
	1	Flexible Numbering Plan Initialization			
	2	Station Database Initialization			
	3	CO Line Database Initialization			
	4	System Feature Database Initialization			
	5	Station Group Database Initialization			
	6	ISDN Tables Database Initialization			
	7	Reserved			Reserved
	8	System Timer Database Initialization			
	9	Toll Table Database Initialization			
	10	LCR Database Initialization			
	11	Tables Initialization			
	12	Flexible Button Program Initialization			
	13	Networking Database Initialization			
	14	All Database Initialization			
	15	System Reset By Software			

TABLE 1.6.32 PRINT PROT DATABASE

PGM	FLEX	ITEM		RANGE	DEFAULT	REMARK
451		Print Prot Data				
	1	Flexible Numbering Plan Print				
	2	Station Database Print		STN_R		
	3	CO Line Database Print		CO_R		
	4	System Feature Database Print				
	5	Station Group Database Print				
	6	ISDN Tables Database Print				
	7	System Timer Database Print				
	8	Toll Table Database Print				
	9	LCR Database Print				
	10	Other Tables Print				
	11	Nation Specific Database Print				
	12	Flexible Button Program Print		STN_R		
	13	Print Network Data				
	14	All Database Print				
	15	LCD Message Print				
		1	Language	00 – 12	Nation specific	00:ENG 12:KOR
		2	Station Type	0 – 2	0	0: NORMAL 1: LG-GAP 2: LARGE
	16	Quit Print				

2 PRE-PROGRAMMED DATABASE

This section describes the pre-programming of the data. When installed, user must program some database (Ex. Nationality, Numbering Plan Type, and Slot Assignment) first, otherwise system may not operate properly.

If you want to change nationality of the system, then use PGM 100. To assign the board in each rack, proceed PGM 101-102. After assigning rack slot, you must adjust PGM 103, Logical Slot Assignment. If you want to use the station number range flexibly, you can select a proper numbering plan type at PGM 104. If you want to change station numbers or feature codes, then use PGM 105~107. If you need more than 4 digits as a station number for VPN or QSIG, use the station prefix code at PGM 200-BTN 1.

PROCEDURE FOR PRE-PROGRAMMING

Initial Installation

- **Install all printed circuit boards** into their correct positions.
- Ensure that the lithium battery switch on the **MPB is ON (Aria-300/600 = SW 2; Aria-130 = SW 1)**
- Ensure that **MPB DIP SW 8 = ON**
- **Power up** the system following the following sequence: - Aria-300/600 - KSU 6/5/4/3/2/1; Aria-130 KSU 2/1.
- **Aria-130/300/600** will boot up and auto detect all of the installed boards
- Set the nationality code – **PGM 100 flex 1**, dial **61 for Australia** + **[HOLD / SAVE]**
- Reset system – press the reset on the MPB **or PGM 450 flex 15** + **[HOLD / SAVE]**
- Switch **MPB DIP SW 8 = OFF** (to save the customer database on reset or power down)
- Initialise all database **PGM 450 flex 14 + [HOLD / SAVE]**

Adding a PCB to a working system

Refer to the manual slot assignment method in ATIB-011.

2.1 LOCATION PROGRAM (PGM 100)

PROCEDURE

LOCATION PROGRAM **PRESS FLEX_KEY (1-2)**	(1) **[TRANS/PGM]** + 100.
NATION CODE **82**	(2) Press Flex. BTN 1~2. (Ex. Press Flex. BTN 1) LCD shows default or saved value of NATION CODE. Enter desired nation code in the TABLE 2.1.2. To save the changed nation code in memory, press the **[HOLD/SAVE]** button.
LOCATION PROGRAM **PRESS FLEX_KEY (1-2)**	(3) Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	ITEM	RANGE	DEFAULT	REMARK
1	Nation Code		82	Max 2 digits
2	Site Name		-	Max 23 digits (Refer to English Character Set Table 2.1.3)

TABLE 2.1.1 Location Program (PGM 100)

NATION	CODE
Australia	61

TABLE 2.1.2 Nation & National Code (PGM 100)

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**
***1 - Blank** ***2 - :** ***3 - ,**	**0-00**	**#**

TABLE 2.1.3 English Character Set

2.2 RACK SLOT ASSIGNMENT (PGM 101)

Rack slot assignment can be performed automatically and manually. If the DIP switch of the manual board detection is ON, system will detect the installed board type automatically. If the DIP switch is OFF, the board type code should be entered at each slot. After manual rack slot assignment, user must reset the system manually. To change the number of WTIB channels, program PGM102(WTIB port number assign) and reset manually.

PROCEDURE

BOARD ASSIGNMENT **ENTER SLOT NUMBER**	(1) **[TRANS/PGM]** + 101
SLOT 01 (F1:ID F2:DEVS) **ID : DTIB12 DEVS: 12**	(2) To program the slot assignment, dial 2 digits as a slot number. If the slot is already assigned, related message will be displayed on the LCD.
SLOT 01 (F1:ID F2:DEVS) **ID : SLIB6 DEVS: 6**	(3) To change pre-assigned board, press Flex BTN 1 and dial 2 digits as the board type code. Refer to Table 2.2.1 for each board type code. Then entered board type code will be displayed on the LCD.
SLOT 01 (F1:ID F2:DEVS) **ID : PRIB DEVS: 30**	*Cf.) In case of PRIB, logical port assign is possible. To program a logical port number, after entering board type code, press BTN 2 and dial 2 digits as logical port number between 01 and maximum board port capacity. If logical port is not entered, maximum port will be assigned .(After programming logical port number, program PGM 103.)*
SLOT 01 (F1:ID F2:DEVS) **ID : PRIB DEVS: 30**	(4) Press the **[HOLD/SAVE]** button for saving database permanently.
BOARD ASSIGNMENT **ENTER SLOT NUMBER**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

STA	CODE	COL	CODE	STA & COL	CODE	Etc	CODE
DTIB12	11	PRIB	31	STIB	51	VMIB	61
DTIB24	12	BRIB	32			MISB	71
SLIB6	13	LCOB4	33				
SLIB12	14	LCOB8	34				
WTIB	15	CLCOB4	49				
DSIB	18	TLIB	37				
		EMIB	38				
		VOIB	41				
		NPRIB	42(ARIA-130)				
		NBRIB(8)	43(ARIA-130)				
		NBRIB(4)	44(ARIA-130)				

TABLE 2.2.1 Board Type Code Table (PGM 101)

2.3 WTIB PORT NUMBER ASSIGNMENT (PGM 102)

This procedure determines the number of registrable wireless terminals. The available number of wireless terminal is 008-192 for ARIA-300 and Aria-600.
08-80 (08-40 for 1 rack) for ARIA-130. Default value is 008.

PROCEDURE

WTIB PORT NO (008–192) **008 (MULTIPLE OF 8)**	(1) **[TRANS/PGM]** + 102. In ARIA-130, (008-192) will be like (08-80). If ARIA-130 has only one rack, it will be like (08-40).
	(2) Press the number of registrable wireless terminals. The number should be in the available range, and be the multiple of 8.
WTIB PORT NO (008–192) **032 (MULTIPLE OF 8)**	(3) Press the **[HOLD/SAVE]** button for updating database permanently.

2.4 LOGICAL SLOT ASSIGNMENT (PGM 103)

Logical slot assignment can be performed automatically and manually. If the DIP switch of the manual board detection is ON, system will detect the logical slot assign in sequence as increase order automatically. If the DIP switch is OFF, the logical slot assignment should be entered at each board type. After manual logical slot assignment, user must reset the system manually. For the VMIB, it is impossible to make logical slot assignment. So user must assign the VMIB slot number manually. In case of WTIB it is detected as one board by logical slot assignment. So you must assign just one slot number regardless of the number of installed WTIBs.

PROCEDURE

LOGICAL SLOT ASSIGN **COL STA VMIB**	(1) **[TRANS/PGM]** + 103
02 03 .. .. **.. .. ..**	(2) Press BTN regarding the slot type and dial slot numbers with increasing order for logical slot numbers.
02 03 05 07 .. .. **.. .. ..**	(3) Press the **[HOLD/SAVE]** button for saving database permanently.
	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	ITEM	DEFAULT	REMARK
1	COL Board	-	DIP Switch OFF: Manual slot assignment DIP Switch ON: Automatic slot assignment
2	STA Board	-	DIP Switch OFF: Manual slot assignment DIP Switch ON: Automatic slot assignment
3	VMIB	-	Should be programmed manually

TABLE 2.4.1 Button Configuration for Slot Assignment (PGM 103)

2.5 NUMBERING PLAN TYPE (PGM 104)

PROCEDURE

NUMBERING PLAN (1-8) **1**	(1) **[TRANS/PGM]** + 104.
NUMBERING PLAN (1-8) **2**	(2) To assign the numbering plan type, press one digit between 1-8.
NUMBERING PLAN (1-8) **2**	(3) Press the **[HOLD/SAVE]** button for saving database permanently.

BTN	ITEM	STA RANGE			DEFAULT	REMARK
		ARIA-300	ARIA-130	ARIA-600		
3	Number Set Type 3	100 – 399	100 – 227	1000 – 1599	No	Number Set 3 for Australia

TABLE 2.5.1 Flexible Numbering Plan (PGM 104)

2.6 FLEXIBLE NUMBERING PLAN (PGM 105)

You can change each station number in this field. Station number of the system can be assigned flexibly via the system programming. Station Numbering Code length should be in the range of 2 digits through 4 digits.

PROCEDURE

000 001 002 003 **100 101 102 103**

(1) **[TRANS/PGM]** + 105.

000 001 002 003 **100 101 102 103**

- Station Number Assign. You will see the 4 station numbers corresponding to the 4 port numbers. Station number length is in the range of 2 digits through 4 digits. There are two methods for changing station number.

  Dial two station numbers - Range start station number & range end station number, then LCD shows dialed range value. Press the **[HOLD/SAVE]** button, then station numbers changed from the first station number on current LCD to range end (All LEDs of BTNs are off.).

  Press one of BTN 1-4 (Each BTN 1-4 is assigned to station number 1- 4 on the current LCD), then LED of pressed Flex button is steady on. Dial new station number and press the **[HOLD/SAVE]** button, or press other Flex button to assign station number to other station without saving (The LED of pressed Flex. button is on.).

  If you want to delete all station numbers, press the **[SPEED]** button and press **[HOLD/SAVE]** button, then all station numbers are cleared.

  If you want to change next 4 station numbers then press [▼] button. If you want to change previous 4 station numbers, then press [▲] button.

000 001 002 003 **100 400 102 103**

(2) Press the **[HOLD/SAVE]** button for saving database permanently. (Ex: Press Flex. BTN 2, dial 400 and press **[HOLD/SAVE]** button.)

2.7 FLEXIBLE NUMBERING PLAN (PGM 106-107)

Feature codes of the system can be assigned flexibly via the system programming. Feature Code length should be in the range of 1(one) digit through 4 digits. Let's say that a feature code conflict has occurred in such a case that a feature code string matches with other longer feature code string, checking from the first digit of the code. For example, features Code 53 and 536 have a feature code conflict. The system will not allow any feature code conflict.

PROCEDURE

FLEX NUMBERING PLAN A **PRESS FLEX KEY (01-24)**	(1) **[TRANS/PGM]** + 106. You can program the 24 Flex. Numbers. Table 2.7.1 illustrates the programmable list of the 24 flexible Numbering plan used by PGM 106 and Table 2.7.2 illustrates the list for PGM 107.
STA GRP PILOT NUMBER **START & END #(620-667)**	(2) To change a numbering plan, press the related flexible button. Each code length is in 1~4 digits.(To enter station range, 2 ~ 8 digits) For example, press Flex. BTN 1 to change Station Group pilot number. In ARIA-130, the LCD display will be different with the left. see below table for more. Dial the first station group pilot number and last station group pilot number, and press the **[HOLD/SAVE]** button. Then you can see the changed station group pilot numbers on the LCD. If you press other Flex. BTN, you can assign other numbering plan.
STA GRP PILOT NUMBER **START & END #(620-667)**	(3) If you want to save all changed flexible numbers to system memory, press the **[HOLD/SAVE]** button. There are no errors in the Flexible Numbers, then confirmation tone will be heard. *If some errors are detected, then error tone will be heard without updating system memory.*

PGM	BTN	LCD DISPLAY	ITEM
106	1	**STA GRP PILOT NUMBER** **START & END #(620-667) : ARIA-300, Aria-600** **STA GRP PILOT NUMBER** **START & END #(620-634) : ARIA-130**	Station Group Pilot Number
	2	**INT PAGE ZONES** **START & END #(#01-#35) : ARIA-300, Aria-600** **INT PAGE ZONES** **START & END #(#01-#15) : ARIA-130**	Internal Page Zone Number
	3	**INT ALL CALL ENTER NEW #(#5)**	Internal All Call Page
	4	**MEET ME PAGE ENTER NEW #(##)**	Meet Me Page
	5	**EXT PAGE ZONE 1 ENTER NEW #(#6)**	External Page Zone - 1
	6	**EXT PAGE ZONE 2 ENTER NEW #(#7)**	External Page Zone - 2
	7	**EXT PAGE ZONE 3 ENTER NEW #(#8)**	External Page Zone - 3
	8	**EXT ALL CALL ENTER NEW #(#9)**	External All Call Page
	9	**ALL CALL PAGE ENTER NEW #(#00)**	All Call Page (Internal/External)
	10	**SMDR ACT CODE ENTER ENTER NEW #(550)**	SMDR Account Code Enter
	11	**FLASH CMD TO CO ENTER NEW #(551)**	Flash Command to CO Line
	12	**SLT LAST SPD DIAL ENTER NEW #(552)**	Last Number Redial (LNR)
	13	**DND ENTER NEW #(553)**	Do-Not-Disturb
	14	**CALL FWD ENTER NEW #(554)**	Call Forward
	15	**SPD DIAL PGM ENTER NEW #(555)**	Speed Dial Program
	16	**MSG WAIT ENABLE ENTER NEW #(556)**	MSG Wait/Call-Back Enable
	17	**MSG WAIT RETURN ENTER NEW #(557)**	MSG Wait/Call-Back Answer
	18	**SPD DIAL ACCESS ENTER NEW #(558)**	Speed Dial Access
	19	**DND/FWD CANCEL ENTER NEW #(559)**	Cancel DND/CFW/Pre-selected MSG Features
	20	**SYSTEM HOLD ENTER NEW #(560)**	System Hold
	21	**FORCED LOG IN ENTER NEW #(561)**	
	22	**FORCED LOG OUT ENTER NEW #(562)**	
	23	**SLT PGM MODE ENTER ENTER NEW #(563)**	SLT Program Mode Select
	24	**ACD REROUTE ENTER NEW #(564)**	ACD Reroute

TABLE 2.7.1 Flex Numbering Plan A (PGM 106)

PGM	BTN	LCD DISPLAY	ITEM
107	1	**ALARM RESET ENTER NEW #(565)**	Alarm Reset
	2	**GROUP CALL PKUP ENTER NEW # (* *)**	Group Call Pick-Up
	3	**UCD DND ENTER NEW #(568)**	UCD Group DND
	4	**NIGHT ANSWER ENTER NEW #(577)**	Night Answer
	5	**CALL PARK LOCATIONS** **START & END #(601-619) : ARIA-300 Aria-600** **CALL PARK LOCATIONS** **START & END #(601-610) : ARIA-130**	Call Park Locations
	6	**DIRECT CALL PKUP ENTER NEW #(*7)**	Direct Call Pick-Up
	7	**ACCESS CO GROUP FEAT** **START & END #(801-872): ARIA-300 Aria-600** **ACCESS CO GROUP FEAT** **START & END #(801-824): ARIA-130**	Access CO Group
	8	**ACCESS IND CO FEAT** **START&END #(88001-88200) : ARIA-300** **START&END #(88001-88400) Aria-600** **START&END #(8801-8840) : ARIA-130**	Access Individual CO Line
	9	**TIE ROUTING ACCESS ENTER NEW #(8901)**	Tie Routing Access
	10	**ACCESS HELD CO FEAT ENTER NEW #(8*)**	Access Held CO Group
	11	**ACCESS HELD IND CO FEAT** **START&END # (8#001- 8#200)** **ACCESS HELD IND CO FEAT** **START&END # (8#01- 8#40)**	Access Held Individual CO Line
	12	**ACCESS CO IN 1ST CO GRP ENTER NEW #(9)**	Access to CO line in the 1st available CO Group
	13	**ATTENDANT CALL ENTER NEW #(0)**	Attendant Call
	14	**DOOR OPEN 1 ENTER NEW #(#*1)**	Door Open – 1
	15	**DOOR OPEN 2 ENTER NEW #(#*2)**	Door Open – 2
	16	**DOOR OPEN 3 ENTER NEW #(#*3)**	Door Open – 3
	17	**DOOR OPEN 4 ENTER NEW #(#*4)**	Door Open – 4
	18	**DOOR OPEN 5 ENTER NEW #(#*5)**	Door Open – 5
	19	**DOOR OPEN 6 ENTER NEW #(#*6)**	Door Open – 6
	20	**DOOR OPEN 7 ENTER NEW #(#*7)**	Door Open – 7 : ARIA-300, Aria-600 Only
	21	**VM MSG WAIT ENABLE ENTER NEW #(*8)**	VM MSG Wait Enable
	22	**VM MSG WAIT CANCEL ENTER NEW #(*9)**	VM MSG Wait Cancel

TABLE 2.7.2 Flex Numbering Plan B (PGM 107)

2.8 IP SETTING (PGM 108)

IP address, Subnet mask, and GW address should be programmed for trace, remote upgrade, PC Admin, PC Attendant, etc via network.

PROCEDURE

IP NET SETTING **PRESS FLEX_KEY (1-5)**	(1) **[TRANS/PGM]** + 108.
IP NAME **LGICKEYPHONE**	● For IP Name assignment, press Flex BTN 1, and enter the character.
SERVER IP ADDR(SKIP:#) **165.147. 3. 1**	● For Server IP assignment, press Flex BTN 2, and enter the 12 digit. ● To skip entering digit, press # button.
SERVER IP ADDR(SKIP:#) **165.147. 3. 1**	(2) Press the **[HOLD/SAVE]** button for saving database permanently.
IP NET SETTING **PRESS FLEX_KEY (1-5)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	ITEM	INTERCOM RANGE	DEFAULT	REMARK
1	IP Name	16 Chars	-	IP Name
2	Server IP Address	12 Digits	-	Sever Address
3	CLI IP Address	12 Digits	-	CLI IP Address
4	Gateway Address	12 Digits	-	Gateway Address
5	Subnet mask	12 Digits	-	
6	PPP Usage	ON/OFF	OFF	

TABLE 2.8.1 IP Setting (PGM 108)

2.9 EXPANDED FLEXIBLE NUMBERING PLAN (PGM 109)

To serve the expanded flexible numbering plan from PGM106 & 107, PGM 109 is added.

PROCEDURE

FLEX NUMBERING PLAN C **PRESS FLEX KEY (01-01)**	**[TRANS/PGM]** + 109. You can program the 1 Flex. Numbers. Table 2.9.1 illustrates the programmable list of the 1 flexible Numbering plan used by PGM 109.
MCID REQUEST **ENTER NEW #(*0)**	To change a numbering plan, press the related flexible button. If you press other Flex. BTN, you can assign other numbering plan.
MCID REQUEST **ENTER NEW #(*0)**	If you want to save all changed flexible numbers to system memory, press the **[HOLD/SAVE]** button. There are no errors in the Flexible Numbers, then confirmation tone will be heard. *If some errors are detected, then error tone will be heard without updating system memory.*

BTN	LCD DISPLAY	ITEM
1	**MCID REQUEST** **ENTER NEW # : *0**	ISDN supplementary service - Malicious Caller ID request
2	**RSG DOOR OPEN 1** **ENTER NEW # : *1**	This can be activated from RSG stations on his RSG
3	**RSG DOOR OPEN 2** **ENTER NEW # : *2**	
4	**CONF ROOM** **ENTER NEW # : 57**	
5	**SLT CONF PAGE JOIN** **ENTER NEW # : 58**	
6	**US-CONF TMR EXTENSION** **ENTER NEW # : ##**	

Expanded Flexible Numbering Plan (PGM 109)

2.10 HOTDESK AGENT ATTRIBUTE (PGM 250)

PROCEDURE

HOTDESK ATTRIBUTE **PRESS FLEX (1-3)**	(1) **[TRANS/PGM]** + 250. To program, use the Flex. BTN as Table2.10.1. Press Flex. BTN 1-3 for setting each value. After pressing one flex BTN, the revised value can be set by entered digit
NO OF AGENT (000-300) **...**	(2) Enter the number of hot desk agent.
NO OF AGENT (000-300) **050**	(3) Press the **[HOLD/SAVE]** button for updating database permanently.

BTN	LCD DISPLAY	ITEM
1	**NO of Agent**	Assign number of agent
2	**View Assigned Station Number of Agent**	View assigned station number for agents.
3	**Auto Logout Timer**	Automatic logout after this timer.

TABLE 2.10.1 Expanded Flexible Numbering Plan (PGM 250)

3 STATION PROGRAMMING

If station features are to be changed, press the **[TRANS/PGM]** button and dial 110-124 in Admin Programming mode. When programming, LCD and LEDs indicate current programmed data and programming status. If the programmer enters correct data, then LCD and LED's show the entered data and the data is stored in the temporary buffer area. To save data permanently, press the **[HOLD/SAVE]** button, then all data in the temporary buffer (same as LCD/LED's status) are stored into system memory.

3.1 STATION ID (PGM 110)

When the system is initialized, all the stations' ID will be assigned to default value as Table 3.1.3.

PROCEDURE

STATION ID ASSIGN **ENTER STA RANGE**	(1) **[TRANS/PGM]** + 110.
(F1: ID F2 :ASC) **DKTU**	(2) Enter station range (Ex. 100-110). LCD shows the station range. First press the 1st Flex. BTN and dial two digits to choose type of the station as Table 3.1.1. *Note*: DSS Map Type is only valid with the Flex. BTN 2.
(F1: ID F2 :ASC) **SLT (DTMF)**	(3) Dial digit 12(07 for ARIA-130), and SLT (DTMF) will be assigned to the selected station range. Press the **[HOLD/SAVE]** button for updating database permanently.
(F1: ID F2 :ASC) **DSS MAP2 : STA . . . .**	(4) In case of DSS Map type, enter the station range (Ex. 110-110) in the step (1). At first press the 1st Flex. BTN and enter 2-digit (Ex. 03: DSS Map 2) and press the **[HOLD/SAVE]** button for updating database. Next, press the 2nd Flex. BTN to assign the associating station number. Enter the station number and press the **[HOLD/SAVE]** button for updating database permanently. *Note*: When identifying a station as a DSS, you must enter the station number of the key station the DSS is associated with, not station number that the DSS is using. See also TABLE 3.1.2 for DSS default button configuration.

DGT	ARIA-300, Aria-600		ARIA-130	
	ITEM	FLEX KEY 2	ITEM	FLEX KEY 2
1	DKTU	Invalid	DKTU	Invalid
2	DSS MAP 1	Associated STA No.	DSS MAP 1	Associated STA No.
3	DSS MAP 2	Associated STA No.	DSS MAP 2	Associated STA No.
4	DSS MAP 3	Associated STA No.	DSS MAP 3	Associated STA No.
5	DSS MAP 4	Associated STA No.	ICM BOX	Invalid
6	DSS MAP 5	Associated STA No.	WHTU	Invalid
7	DSS MAP 6	Associated STA No.	SLT (DTMF)	Invalid
8	DSS MAP 7	Associated STA No.	SLT (PULSE)	Invalid
9	DSS MAP 8	Associated STA No.	SLT with MSG Wait Lamp for DTMF	Invalid
10	ICM BOX	Invalid	SLT with MSG Wait Lamp for Pulse	Invalid
11	WHTU	Invalid	ISDN phone	Invalid
12	SLT (DTMF)	Invalid		
13	SLT (PULSE)	Invalid		
14	SLT with MSG Wait Lamp for DTMF	Invalid		
15	SLT with MSG Wait Lamp for Pulse	Invalid		
16	ISDN phone	Invalid		

TABLE 3.1.1 Button Configuration for Station ID (PGM 110)

ITEM	DEFAULT	REMARK
DSS/DLS MAP 1	First 12 Buttons Button 1 : Intrusion — Button 2 : All Call Page Button 3 : Call Park 01 — Button 4 : Station Group 1 Button 5 : Camp-On — Button 6 : Internal All Call Page Button 7 : Call Park 02 — Button 8 : Station Group 2 Button 9 : Grp Call Pickup — Button 10 : External All Call Page Button 11 : Call Park 03 — Button 12 : Station Group 3	
DSS/DLS MAP 2	Station Ports 136 – 183	
DSS/DLS MAP 3	Station Ports 184 – 231 (184-227 for ARIA-130)	
DSS/DLS MAP 4	Station Ports 232 – 279	ARIA-300 And ARIA-600 Only
DSS/DLS MAP 5	Station Ports 280 – 327	
DSS/DLS MAP 6	CO Line 01 – 48	
DSS/DLS MAP 7	CO Line 49 – 96	
DSS/DLS MAP 8	CO Line 97 – 144	

TABLE 3.1.2 Initial Button Configurations for DSS/DLS Map (PGM 110)

DGT	ARIA-300, Aria-600		ARIA-130	
	ITEM	DEFAULT ID	ITEM	DEFAULT ID
1	DKTU	DKTU	DKTU	DKTU
2	DSS MAP 1	DKTU	DSS MAP 1	DKTU
3	DSS MAP 2	DKTU	DSS MAP 2	DKTU
4	DSS MAP 3	DKTU	DSS MAP 3	DKTU
5	DSS MAP 4	DKTU	ICM BOX	ICM BOX
6	DSS MAP 5	DKTU	WHTU	WHTU
7	DSS MAP 6	DKTU	SLT (DTMF)	SLT (DTMF)
8	DSS MAP 7	DKTU	SLT (PULSE)	SLT (DTMF)
9	DSS MAP 8	DKTU	SLT with MSG Wait Lamp for DTMF	SLT (DTMF)
10	ICM BOX	ICM BOX	SLT with MSG Wait Lamp for Pulse	SLT (DTMF)
11	WHTU	WHTU	ISDN Phone	ISDN
12	SLT (DTMF)	SLT (DTMF)		
13	SLT (PULSE)	SLT (DTMF)		
14	SLT with MSG Wait Lamp for DTMF	SLT (DTMF)		
15	SLT with MSG Wait Lamp for Pulse	SLT (DTMF)		
16	ISDN Phone	ISDN		

TABLE 3.1.3 Default Value of Station ID (PGM 110)

3.2 STATION ATTRIBUTE – I (PGM 111)

PROCEDURE

STATION ATT 1 **ENTER STA RANGE**	(1) **[TRANS/PGM]** + 111.
100-110 STATION ATT 1 **PRESS FLEX_KEY (01-16)**	(2) Enter station range (Ex. 100-110).
	(3) To program, use the Flex. BTN as Table 3.2.1. Press Flex. BTN 1-15 for setting each value. After pressing one flex BTN, the revised value can be set by entered digit.
100-110 AUTO SPKER **(1 : ON / 0 : OFF) : ON**	Ex) When pressing Flex. BTN 1, 'Auto Speaker Selection' attribute value will be displayed.
100-110 AUTO SPKER **(1 : ON / 0 : OFF) : OFF**	User can change value by pressing digit 0. LCD shows the changed attribute value.
100-110 AUTO SPKER **(1 : ON / 0 : OFF) : OFF**	(4) Press the **[HOLD/SAVE]** button for updating database permanently.
STATION ATT 1 **PRESS FLEX KEY (01-19)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	ITEM	RANGE	DEFAULT	REMARK
1	Auto Speaker Selection	ON/OFF	ON	Allowance to access a CO line or place a DSS call by pressing appropriate {CO} or {DSS} button without lifting handset or pressing the **[MON]** button.
2	Call Forward	ON/OFF	ON	Enables Call Forward to be activated by the station.
3	DND	ON/OFF	ON	Enables DND to be activated by the station.
4	Data Line Security	ON/OFF	OFF	The allowance to protect from override and camp-on, during busy state. Sends 3.1Khz Setup on ISDN
5	Howling Tone to SLT	ON/OFF	ON	The allowance to give howling tone to SLT
6	ICM Box Signaling	ON/OFF	OFF	The allowance to receive ICM box signal.
7	No Touch Answer	ON/OFF	ON	The allowance to connect the transferred CO line automatically when station mode is H/P.
8	Page Access	ON/OFF	OFF	Allows access to paging by the station.
9	Ring Type	0 – 4	0	The station can give own ring type signal to another station in system through this field calling party centric.
10	Speaker Ring	(1:S /2:H /3:BOTH)	SPKR	Station rings through Speaker, Headset or Both (speaker and headset).
11	Speakerphone	ON/OFF	ON	Operate with speakerphone.
12	VMIB Slot	0-2	0	Assign VMIB logical slot with station base
13	ICM Group	01-15 (ARIA-300/600) 01-05 (ARIA-130)	01	Assign ICM Tenancy Group which is belonged to the station
14	Error Tone for TAD	ON/OFF	OFF	With Answering Device instead of SLT, busy tone will be provided instead of error tone.

BTN	ITEM	RANGE	DEFAULT	REMARK
15	SLT Flash Drop	ON/OFF	OFF	In SLT, Pressing [FLASH] Key or Hook Flashing will drop the CO Call
16	Loop LCR Account Code	ON/OFF	OFF	Check Account Code at Loop LCR
16	Loop LCR Account Code	ON/OFF	OFF	Check Account Code at Loop LCR
17	VMIB Message Type	FIFO/LIFO	LIFO	Priority to play VMIB message
18	Off-net Call Forward	EN/DIS	EN	The possibility to enable/disable Off-net call forward
19	Forced HF Mode	ON/OFF	OFF	A user with this feature turned ON is authorized to change a called party DKTU to hand-free mode.

TABLE 3.2.1 Button Configuration (PGM 111)

3.3 STATION ATTRIBUTE - II (PGM 112)

PROCEDURE

STATION ATT 2 **ENTER STA RANGE**	(1) **[TRANS/PGM]** + 112.
100-110 STATION ATT 2 **PRESS FLEX_KEY (01-23)**	(2) Enter station range (Ex. 100-110). (3) To program, use the BTN as TABLE 3.3.1. Press Flex. BTN 1-23 for setting each value. After pressing a Flex. BTN, the revised value can be set by entered digit.
100-110 CO WARN TN **(1 : ON/ 0 : OFF) : OFF**	Ex) When pressing Flex. BTN 1, 'CO Warning Tone' attribute value will be displayed.
100-110 CO WARN TN **(1 : ON/ 0 : OFF) : ON**	● User can change value by pressing digit 1. LCD shows the changed attribute value.
100-110 CO WARN TN **(1 : ON/ 0 : OFF) : ON**	(4) Press the **[HOLD/SAVE]** button for updating database permanently.
STATION ATT 2 **PRESS FLEX_KEY (01-23)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	ITEM	RANGE	DEFAULT	REMARK
1	CO Warning Tone	ON/OFF	OFF	The allowance to receive warning tone in order to remind the call elapse time in case of outgoing CO line conversation. (PGM 180-BTN 22)
2	Automatic Hold	ON/OFF	OFF	While on a CO line, the station user seizes another CO line by depressing the {CO} button. The first CO line goes on hold automatically. (STA2: ON)
3	CO Call Time Restriction	ON/OFF	OFF	If this flag is set to YES, station's outgoing CO call may be disconnected when CO call restriction timer (PGM 180-BTN 17) expires.
4	Ind CO Line Access	ENABLE /DISABLE	ENABLE	The allowance to access individual CO line by dialing.
5	CO Line Queuing	ENABLE /DISABLE	ENABLE	The allowance of queuing for a busy CO/group of lines.
6	CO PGM	ENABLE /DISABLE	DISABLE	Determines that each station user can program CO button or not.
7	PLA	ENABLE /DISABLE	ENABLE	The allowance to answer calls by simply lifting handset or pressing the **[MON]** button with the answering priority. (PGM173)
8	Prepaid Call	ON/OFF	OFF	The allowance to use Prepaid CO Call feature. (Refer to PGM 180-BTN 16)
9	Speed Dial Access	ENABLE /DISABLE	ENABLE	Allows access to system speed dial by the station.
10	Two-way Record	ON/OFF	OFF	During incoming or outgoing Call, user can record the conversation.
11	Fax Mode	ON/OFF	OFF	In Fax mode, single ring is provided and Attendant recall is not operated.
12	Off-net Call Mode	EXT/ALL	ALL	ALL: Internal Off-net Call Fwd and External Off-net Call Fwd are allowed. EXT: External Off-net Call Fwd is only allowed
13	UCD Group Service	ON/OFF	OFF	When DID/DISA call destination is STA, ON: ring to UCD Grp which the station belongs to. OFF: ring to the station.
14	Ring Group Service	ON/OFF	OFF	When DID/DISA call destination is STA, ON: ring to Ring Grp which the station belongs to. OFF: ring to the station.
15	Stop Camp-on Tone	ENABLE /DISABLE	DISABLE	Make Camp on Tone not to be heard.
16	Line Length	Short/Long/ far	Short	**N / A For Australia** (South Africa only)
17	MSG SCRL SPD	0 - 7	3	Scroll speed for SMS or broadcasting notice message. (Only for LKD-30DH)
18	Block Back Call	ON/OFF	OFF	If this value is ON, SLT recalling is blocked after pressing [FLASH] button.
19	I-Time RST	ON/OFF	OFF	If this value is ON, the conversation time of incoming CO call is limited.
20	STA Account	ON/OFF	OFF	If this value is ON, an authorized code is required when accessing a CO line.
21	CID Type 2 Service	ON/OFF	OFF	If this value is ON, CLI Type 2 service applies for CID SLT.
22	Door Open	ENABLE/ DISABLE	DISABLE	If this value is ON, the station can open the door using the door open code.
23	Dummy Station	ON/OFF	OFF	Set ON to define this station as a Dummy Station for Hot-Desk use.

TABLE 3.3.1 Button Configuration (PGM 112)

3.4 STATION ATTRIBUTE - III (PGM 113)

PROCEDURE

STATION ATT 3 **ENTER STA RANGE**	(1) **[TRANS/PGM]** + 113.
100-110 STATION ATT 3 **PRESS FLEX_KEY (1-10)**	(2) Enter station range (Ex. 100-110). (3) To program, use the BTN as Table 3.4.1. Press flex BTN 1-10 for setting each value. After pressing one flex BTN, the revised values can be set by input digit.
100-110 ADMIN **(1 : EN/ 0 : DIS) : DISABLE**	Ex) Pressing Flex. BTN 1, 'ADMIN' attribute value will be displayed on the LCD.
100-110 ADMIN **(1 : EN/ 0 : DIS) : ENABLE**	● User can select value by pressing digit 1, LCD shows the changed attribute value.
100-110 ADMIN **(1 : EN/ 0 : DIS) : ENABLE**	(4) Press the **[HOLD/SAVE]** button for updating database permanently.
STATION ATT 3 **PRESS FLEX KEY (1-10)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	ITEM	RANGE	DEFAULT	REMARK
1	Admin	ENABLE /DISABLE	DISABLE	The allowance the station to program Admin Database. This feature is available at only DKTU. (STA 100 : Enable as default)
2	VMIB Access	ENABLE /DISABLE	DISABLE	The allowance to access Digital Voice Unit.
3	Group Listening	ENABLE /DISABLE	DISABLE	The allowance to use group listening (While you are talking on handset, by pressing the [MON] button, other people around you may hear the conversation through the speaker of the keyset.).
4	Override Privilege	ENABLE /DISABLE	DISABLE	The allowance to override CO line to gain access to the conversation.
5	SMDR Hidden Dialed Digits	ENABLE /DISABLE	DISABLE	The allowance to hide CO dialing number on SMDR printing.
6	Voice Over	ENABLE /DISABLE	DISABLE	The allowance to use Voice Over feature
7	Warm Line	HOT/WRM	WARM	This field is determined that Warm Line (OFF) or Hot Line (ON) in PGM 122.
8	DVU MSG Retrieve Password	ON/OFF	OFF	When retrieving DVU Message, User must enter password or not
9	DVU MSG Retrieve Date/Time	ON/OFF	ON	When retrieving DVU Message, Date and time will be heard or not
10	Alarm Attribute	Flex BTN 1 ON/OFF	OFF	Alarm MISB (ARIA-300, Aria-600) Alarm MPB (ARIA-130)
		Flex BTN 2 ON/OFF	OFF	Alarm RAU Contact 1 (ARIA-300, Aria-600) Alarm MISB (ARIA-130)
		Flex BTN 3 ON/OFF	OFF	Alarm RAU Contact 2 : ARIA-300 Aria-600

TABLE 3.4.1 Button Configuration - III (PGM 113)

3.5 ISDN STATION ATTRIBUTE (PGM 114)

PROCEDURE

STATION ATT 4 **ENTER STA RANGE**	(1) **[TRANS/PGM]** + 114.
100-110 STATION ATT 4 **PRESS FLEX_KEY (01-20)**	(2) Enter station range (Ex. 100-110).
	(3) To program, use the BTN as Table 3.5.1. Press Flex. BTN 1-20 for setting each value. After pressing a Flex. BTN, the revised value can be set by input digit.
100-110 CLIP DISP **(1 : ON / 0 : OFF) : OFF**	Ex) Pressing Flex. BTN 1, 'CLIP LCD Display' attribute value will be displayed.
100-110 CLIP DISP **(1 : ON / 0 : OFF) : ON**	User can change value by pressing digit 1, LCD shows the changed attribute value.
100-110 CLIP DISP **(1 : ON / 0 : OFF) : ON**	(4) Press the **[HOLD/SAVE]** button for updating database permanently.
STATION ATT 4 **PRESS FLEX_KEY (01-20**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	ITEM	RANGE	DEFAULT	REMARK
1	CLIP LCD Display	ON/OFF	ON	This field is determined that a station displays CLIP or not.
2	COLP LCD Display	ON/OFF	OFF	This field is determined that a station displays COLP or not.
3	CLI / Redirect Display	RED/CLI	CLI	To select original CLI or redirected CLI. ON: Original CLI, OFF: Redirected CLI
4	CLI MSG Wait	ON/OFF	OFF	This field is determined that a station receives CO message wait or not. ON:YES, OFF:NO
5	EXT or CO ATD	ATD/EXT	EXT	To select EXT(extension number) or CO ATD to make outgoing CLI or COLP information
6	Keypad Facility	KEYPAD /DTMF	DTMF	This field determines that ISDN station sends digit in DTMF or keypad facility after connected.
7	Long/Short	LONG /SHORT	SHORT	This field determines that ISDN station acts in Short passive mode or not.

BTN	ITEM	RANGE	DEFAULT	REMARK
8	CPN Type	0-2	0	This field indicates how the CPN IE is filled in SETUP message. 0: Do not send CPN (Called Party Number) to S0. In this case, all S0 STAs of the S port will be ringing. 1: Send station number as CPN 2: Bypass CPN from the network. (In the case of 1 & 2, only one specific STA will be ringing)
9	S0 Sub Address	0-2	0	This field indicates how the sub-address used in SETUP message. 0: Station sub-address not used. 1: Sub-address is filled in the CPN field of SETUP message. 2: Sub-address is filled in the CPSN (Called Party Sub-address Number) field of SETUP.
10	Reserved	-	-	-
11	CLI Name Display	ON/OFF	OFF	If this field is ON, the system checks whether the received CLI is matched with the speed dial data or not. If it is matched, the speed dial name is displayed.
12	ISDN CLI STA	Max. 4 digit	Logical STA No.	If outgoing CLI is active and CLI type is EXT, this field used when making outgoing CLI.
13	Progress Indication	ON/OFF	OFF	If this field ON and a SLT seizes an ISDN line, the progress indication IE indicating the originator is non-ISDN device is made in SETUP message.
14	ISDN CLIR	ON/OFF	OFF	If this field is ON, the system will not send CLI information and restrict PX send it.
15	ISDN COLR	ON/OFF	OFF	If this field is ON, the system will not send COLI information and restrict PX send it.
16	DID Restriction	ON/OFF	OFF	Restrict the DID Call.
17	DID Call Wait	ON/OFF	OFF	New DID call waiting indicate.
18	CLI Type	LNG/SRT	SRT	Long: Use station CLI with PGM114-BTN19. (max 12) Short: Use station CLI with PGM114-BTN12 (max 4)
19	Long Station CLI	Max 12 digit	Logical STA No.	If outgoing CLI is active and CLI type is EXT, this field used when making outgoing CLI.
20	MSN Call Wait	ON/OFF	OFF	Turn ON for this station to receive a MSN Call Wait

TABLE 3.5.1 Button Configuration for ISDN Station Attributes (PGM 114)

3.6 FLEX BUTTON ASSIGNMENT (PGM 115)

Each Flex. Button in a key station can be assigned identified as one of the followings;

No.	Type	RANGE			REMARK
		ARIA-300	ARIA-130	Aria-600	
01	User Button	-	-	-	User can program by button programming procedure. (empty)
02	{CO xx} Button	001 – 200	01 – 40	001 – 400	CO Line
03	{CO Grp xx}	01 – 72	01 – 24	01 – 72	CO Group
04	{LOOP}				
05	{STAxxxx}	100 – 399	100 – 227	100 – 1599	Station No.
06	STA PGM Button	11 – 99	11 – 99	11 – 99	
07	{STA SPDxx}	00 – 99	00 – 99	00 – 99	Station Speed Bin
08	{SYS SPDxxxx}	2000 –4999	2000 –3499	2000 –6999	System Speed Bin
09	Num Pln Button	Num Plan Code			
10	Net DSS Button				When using Networking feature
11	MSN Button	MSN Number			MSN Number

TABLE 3.6.1 Button Type for Flexible Button Assignment (PGM 115)

PROCEDURE

FLEX BUTTON ASSIGN **ENTER STA RANGE**	(1) **[TRANS/PGM]** + 115.
SELECT BTN RANGE **D1:F01-F24 D2:F25-F48**	Enter station range (Ex.100 –110), and then LCD shows to select button range.
100-110 BTN ASSIGN **PRESS FLEX_KEY (25-48)**	).Dial one digit “1” or “2” for button range. (Ex, dial “2”)
100-110 DIAL 01 – 12 **BTN 01 = CO 001**	To program Flexible Button, press the Flex. BTN which you want to program (Ex. BTN 1). The LCD will display current BTN assignment of the first station in the range, and LED of the BTN (Ex. BTN 1) will be lit. (See Table 3.6.3). And input one digit to choose type. If needed, enter data, then entered data will be displayed on the LCD. (See Table 3.6.3)
SELECT BTN RANGE **D1:F01-F24 D2:F25-F48**	Press the **[HOLD/SAVE]** button for updating database permanently.
SELECT BTN RANGE **D1:F01-F24 D2:F25-F48**	Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (2) without updating system memory.

BTN	12-Button (Digital)	24-Button (Digital)
1	{CO 1}	{CO 1}
2	{CO 2}	{CO 2}
3	{CO 3}	{CO 3}
4	{CO 4}	{CO 4}
5	{CO 5}	{CO 5}
6	{CO 6}	{CO 6}
7	{CO 7}	{CO 7}
8	{CO 8}	{CO 8}
9	{CO 9}	{CO 9}
10	{CO 10}	{CO 10}
11	{CO 11}	{CO 11}
12	{LOOP}	{LOOP}
13 - 24		-

TABLE 3.6.2 Initial Button Configuration (PGM 115)

	BTN	TYPE	DATA
Button 01 - 24	1 - 24	01 : User Button	-
		02 : CO	CO Line
		03 : CO GRP	CO Group
		04 : LOOP	-
		05 : STA …	Station No.
		06 : STA PGM (11-99)	Station Programming Code
		07 : SPD (00-99)	Speed Bin No.
		08 : SYS SPD	System Speed Bin No.
		09 : Num Plan Code	Num Plan Code
		10 : Networking DSS Button	Networking DSS Number
		11 : MSN Button	MSN Number
		12 : Hunt Group Button	Hunt Group Number

TABLE 3.6.3 Button Configuration for Flexible Button Assignments (PGM 115)

3.7 STATION COS (PGM 116)

All stations' COS for day and night operation are 1 as default. For a particular call, the CO COS is combined with station COS to determine restriction. Each station must be assigned a class of service which governs that station's toll restriction for the day and night operation. The weekend COS is same as night COS. (Table 3.7.1 and Table 3.7.2)

STA COS 1	No restrictions are placed at the station for dialing.
STA COS 2	The assignments in the **Exception Table A** are monitored for allow and deny numbers.
STA COS 3	The assignments in the **Exception Table B** are monitored for allow and deny numbers.
STA COS 4	The assignments in both **Exception Tables A & B** are monitored for allow and deny numbers.
STA COS 5	The leading digit dialed can not be a long distance code. The dialed digits can be longer than 7 digits. There is no restriction for the number in Canned Toll Table.
STA COS 6	The leading digits can not be a Long Distance code. Only eight digits maximum can be dialed. There is no restriction for the number in Canned Toll Table.
STA COS 7	Intercom and paging calls are allowed. No dialing allowed on CO lines. ICM boxes are assigned with this COS.
STA COS 8	The assignments in the Exception Table C are monitored for allow and deny numbers.
STA COS 9	The assignments in the Exception Table D are monitored for allow and deny numbers.

TABLE 3.7.1 Station Class-Of-Service (PGM 116)

	CO COS 1	CO COS 2	CO COS 3	CO COS 4	CO COS 5
STA COS 1	No Restriction Applied	No Restriction Applied	No Restriction Applied	Restricts Long Distance code. Only within 7 digits. Possible to dial the number in Canned Toll Table.	No restriction applied
STA COS 2	Exception Table **A** governs the dialing	Exception Table A governs the dialing	No Restriction Applied	Restricts Long Distance code. Only within 7 digits. Possible to dial the number in Canned Toll Table.	No restriction applied
STA COS 3	Exception Table **B** governs the dialing	No Restriction Applied	Exception Table B governs the dialing	Restricts Long Distance code. Only within 7 digits. Possible to dial the number in Canned Toll Table.	No restriction applied
STA COS 4	Exception Table **A&B** governs the dialing	Exception Table A governs the dialing	Exception Table B governs the dialing	Restricts Long Distance code. Only within 7 digits. Possible to dial the number in Canned Toll Table.	No restriction applied
STA COS 5	Restricts Long Distance code.	Restricts Long Distance code.	Restricts Long Distance code.	Restricts Long Distance code. Only within 7 digits.	No restriction applied
STA COS 6	Restricts Long Distance code. Only within 7 digits. Possible to dial the number in Canned Toll Table.	Restricts Long Distance code. Only within 7 digits. Possible to dial the number in Canned Toll Table.	Restricts Long Distance code. Only within 7 digits. Possible to dial the number in Canned Toll Table.	Restricts Long Distance code. Only within 7 digits. Possible to dial the number in Canned Toll Table.	No restriction applied

STA COS 7	In-house dialing only	In-house dialing only	In-house dialing only	In-house dialing only	In-house dialing only
STA COS 8	Exception Table C governs the dialing	Exception Table C governs the dialing	Exception Table C governs the dialing	Restricts Long Distance code. Only within 8 digits. Possible to dial the number in Canned Toll Table.	No restriction applied
STA COS 9	Exception Table D governs the dialing	Exception Table D governs the dialing	Exception Table D governs the dialing	Restricts Long Distance code. Only within 8 digits. Possible to dial the number in Canned Toll Table.	No restriction applied

TABLE 3.7.2 Toll Checking Table (PGM 116)

PROCEDURE

STATION COS **ENTER STA RANGE**	(1) **[TRANS/PGM]** + 116.
100-110 STATION COS **DAY=1 NIGHT=1**	(2) Enter station range (Ex. 100-110).
	(3) To program, use the BTNs as Table 3.7.3. To change the COS for day operation, press Flex. BTN 1 and dial COS (1 digit) and to change the COS for night operation, press Flex. BTN 2 and dial COS (1 digit). Then changed COS will be displayed on the LCD. (Ex. day = 5, night =3)
100-110 STATION COS **DAY=5 NIGHT=3**	(4) Press the **[HOLD/SAVE]** button for updating database permanently.
STATION COS **ENTER STA RANGE**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	DEFAULT	RANGE	REMARK
1	1	1 – 9	Day Class-Of-Service
2	1	1 – 9	Night / Weekend Class-Of-Service

TABLE 3.7.3 Button Configuration for Station COS (PGM 116)

3.8 CO LINE GROUP ACCESS (PGM 117)

If you want to change CO line group access of some stations, program this item. Default gives to access CO Line Group 1 for all stations.

PROCEDURE

CO GROUP ACCESS **ENTER STA RANGE**	(1) **[TRANS/PGM]** + 117.
SELECT CO GROUP RANGE **PRESS FLEX_KEY (1-3)**	(2) Enter station range (Ex 100-110). In case of ARIA-300 press the Flex. BTN 1~3 to program access authority of the CO line Group.
	(3) LEDs of BTN 01-24 show current CO line group 01-24 access of the first station in the range. To program CO line group 01-24 access authority, press BTN 01-24 for toggle setting at the CO line group 01-24 Access Programming mode. (LED ON: Station can access the CO line group. / LED OFF: Station cannot access the CO line group.)
100-110 CO GRP (01-24) **PRESS FLEX_KEY**	(4) Press the **[HOLD/SAVE]** button for updating database permanently.
	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	DEFAULT	RANGE	REMARK
1	-	1-24	CO line Group 01-24 (Toggle)
2	-	1-24	CO line Group 25-48 (Toggle) : ARIA-300 / 600 Only
3	-	1-24	CO line Group 49-72 (Toggle) : ARIA-300 / 600 Only

TABLE 3.8.1 CO Line Group Access (PGM 117)

3.9 INTERNAL PAGE ZONE (PGM 118)

Each station is assigned to internal paging zone. A station can be in any or no zone at all. Internal all call is defined as the sum of all zones. If station is not in any internal zone, it will not receive any internal page announcement. In ARIA-300 (130) system supports 30(10) internal paging zones.

Default assigns all stations to Internal Page Zone 1.

PROCEDURE

INTERNAL PAGE ZONE **ENTER STA RANGE**	(1) **[TRANS/PGM]** + 118.
SELECT PAGE ZONE RANGE **F1: 1-24 F2: 25-30**	(2) Enter station range (Ex 100-110). In case of ARIA-300 press the Flex. BTN 1~2 to program access authority of the Internal Page Group. Suppose BTN 1 pressed.
100-110 (ZONE 01-24) **PRESS FLEX_KEY (01-24)**	(3) LEDs of BTNs show currently assigned page zones of the first station in range. To assign Internal page zone to the stations, press one of BTNs for toggle setting. Each button means Internal Page Zone 01-24. (LED ON: Stations are in the internal page zones. LED OFF: Stations are not in the internal page zones.)
100-110 (ZONE 01-24) **PRESS FLEX_KEY (01-24)**	(4) Press the **[HOLD/SAVE]** button for updating database permanently.
	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	DEFAULT	RANGE	REMARK
1	1	1 - 24 (ARIA-300, Aria-600) 1 - 10 (ARIA-130)	Internal Page Zone 01 – 24(10) (Toggle)
2	-	1 - 6	Internal Page Zone 25 - 30 (Toggle) : ARIA-300, Aria-600 Only

TABLE 3.9.1 Internal Page Zone Access (PGM 118)

3.10 CONFERENCE PAGE ZONE (PGM 119)

Each station is assigned to conference paging zone. A station can be in any or no zone at all. Aria-300, Aria-600 and Aria-130 support 5 conference paging zones.

Default assigns all stations to None.

PROCEDURE

CONFERENCE PAGE ZONE **ENTER STA RANGE**	(1) **[TRANS/PGM]** + 119.
100 - 110 (ZONE 31 - 35) **PRESS FLEX_KEY (1 – 5)**	(2) Enter station range (Ex 100-110). LEDs of BTNs show currently assigned page zones of the first station in range. In ARIA-130, ZONE 11-15 will be displayed instead of ZONE 31-35.
	(3) To assign Conference Page zone to the stations, press one of BTNs for toggle setting. Each button means Conference Page Zone 1-5. (LED ON: Stations are in the conference page zones. LED OFF: Stations are not in the conference page zones.)
CONFERENCE PAGE ZONE **ENTER STA RANGE**	(4) Press the **[HOLD/SAVE]** button for updating database permanently.
CONFERENCE PAGE ZONE **ENTER STA RANGE**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	DEFAULT	RANGE	REMARK
	-	1-5	Conference Page Zone (Toggle)

TABLE 3.10.1 Conference Page Zone Access (PGM 119)

3.11 ICM TENANCY GROUP (PGM 120)

A station belongs to only one ICM tenancy group. A station in ICM Tenancy Group (A) can call another station in other ICM Tenancy Group (B) if the station in the ICM Tenancy Group (A) is programmed to be allowed to access ICM Tenancy Group (B).
ARIA-300 / 600 system supports 15 ICM Tenancy Groups and Tenancy ATDs.
Aria-130 system supports 5 ICM Tenancy Groups and Tenancy ATDs.

PROCEDURE

ICM TENANCY GROUP **ENTER GRP NUMBER(01-15)**	(1) **[TRANS/PGM]** + 120. In ARIA-130, the range will be 1-5.
ICM TENANCY GRP 01 **F1: ATD F2:ACCESS**	(2) Enter the group number (Ex. 01). (3) To program ICM Tenancy Group, use the buttons as Table 3.11.1.
ICM TENANCY GRP 01 **ATD : ....**	● To assign attendant station of the ICM tenancy group, press BTN 1 and enter the station number to be assigned as attendant, then assigned attendant station number will be displayed on the LCD.
ICM TENANCY GRP 01 **ENTER ACCESS GROUP(1-15)**	● To assign accessible ICM tenancy groups for the group, press BTN 2. Then the LCD will show the status and LEDs of BTNs show current accessible ICM tenancy groups. In ARIA-130, the range is 1-5. To change ICM tenancy groups access, press the Flex. BTN for toggle setting. (LED ON: stations have the authority to access the ICM tenancy group. LED OFF: stations have not the authority to access the ICM tenancy group.). Pressing the **[CONF]** button, the system will goes to step (2) without updating database.
ICM TENANCY GRP 01 **F1: ATD F2:ACCESS**	(4) Press the **[HOLD/SAVE]** button for updating database permanently.
ICM TENANCY GRP 01 **F1: ATD F2:ACCESS**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (2) without updating system memory.

BTN	DEFAULT	RANGE	REMARK
1	-	STA No.	Attendant station of assigned ICM tenancy group
2	GROUP 01	BTN 01-15 (ARIA-300, Aria-600) BTN 1-5 (ARIA-130)	ICM tenancy groups allow to access for assigned group

TABLE 3.11.1 Button Configuration of ICM Tenancy Group (PGM 120)

3.12 PRESET CALL FORWARD (PGM 121)

A station can be programmed so that incoming CO lines can be forwarded to a preset station or station group if the first station(or station group) does not answer after Preset Call Forward timer.
No station is assigned as default.

PROCEDURE

CALL FWD PRESET **ENTER STA NUMBER**	(1) **[TRANS/PGM]** + 121.
(1:STN /2:HUNT GRP) **FROM 101 TO ....**	(2) Enter the station number to which you want to forward (Ex.101). LCD shows current status of the station. **Dial 1** if you want to forward the call to **station**, or **dial 2** if want to forward to **hunt group**. (Ex. dial 2.)
ENTER FWD HUNT GRP NO. **FROM 101 TO HUNT ....**	(3) Enter the preset hunt group number which first station forward to. (Ex.620)
CALL FWD PRESET **FROM 101 TO HUNT 620**	● To clear the Preset Call Forward station, press the **[SPEED]** button.
CALL FWD PRESET **ENTER STA NUMBER**	(4) Press the **[HOLD/SAVE]** button for updating database permanently.
CALL FWD PRESET **ENTER STA NUMBER**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

3.13 HOT LINE / WARM LINE (PGM 122)

This feature lets a station perform a pre-assigned feature as soon as lifting handset or pressing the **[MON]** button as if a station selects the feature (Hot Line). On the other hand, Idle Line Selection for a station which is assigned to warm line, is activated when takes no action for Warm Line Timer after lifting handset or pressing the **[MON]** button (Warm Line). Warm line is programmable at PGM 113.
By default, all stations are not assigned any Idle Line Selection.

PROCEDURE

IDLE LINE SELECTION **ENTER STA RANGE**	(1) **[TRANS/PGM]** + 122.
100-110 IDLE LINE **NOT ASSIGNED**	(2) Enter station range (Ex.100-110). User can enter one digit (1-4) and LCD shows the default value of idle line selection.
	(3) To program Idle Line Selection, use the Table 3.13.1. To assign Idle Line Selection, dial one digit (1-4) and enter related data. Then selected value and the related data will be displayed on LCD. Otherwise, to delete any Idle Line Selection, press the **[SPEED]** button, then Idle Line Selection assignment will be deleted.
IDLE LINE SELECTION **ENTER STA RANGE**	(4) Press the **[HOLD/SAVE]** button for updating database permanently.
IDLE LINE SELECTION **ENTER STA RANGE**	• Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

DGT	ITEM	RANGE	REMARK
1	Flex. BTN	01 - 44	To activate a feature on a flex button as if pressed.
2	CO Line	01 – 40 (Aria-130) 001 – 200 (Aria-300) 001 – 400(Aria-600)	To seize a CO Line
3	CO Group	01 – 72 (Aria-300, Aria-600) 01 – 24 (Aria-130)	To seize a CO Line Group
4	Station	100 – 227 (Aria-130) 100 – 399 (Aria-300) 1000 – 1599 (Aria-600)	To call an another station

TABLE 3.13.1 Button Configuration for Hot Line/Warm Line (PGM 122)

3.14 CTI STATION ATTRIBUTE (PGM 123)

This sets the features/modes used when CTIU8/30 or CTI module is connected at a key station. User can use a CTI keyset with PC when the CTI station mode is set to CTI mode. (Please refer to the User's Guide of TAPI-NT.)

PROCEDURE

CTI STATION ATT **ENTER STA RANGE**	(1) **[TRANS/PGM]** + 123.
CTI STATION ATT **PRESS FLEX_KEY (1-2)**	(2) Enter station range (Ex.100 - 110). User can select Flex. BTN 1or 2.
100-110 CTI MODE (0-2) **CTI MODE (2)**	(3) To program, use the Flex BTNs as Table 3.14.1. To program the CTI station's mode, press Flex. Button 1 and dial CTI mode 0-2. By default, CTI station's mode is CTI mode (1).
100-110 STA BAUD(0-2) **1200 (1)**	(4) To program the CTI station's baud rate, press Flex. Button 2 and dial baud rate 0-2. By default, CTI station's baud rate is 1200 (0).
100-110 STA BAUD(0-2) **1200 (1)**	(5) Press the **[HOLD/SAVE]** button for updating database permanently.
CTI STATION ATT **PRESS FLEX_KEY (1-2)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (2) without updating system memory.

BTN	ITEM	DEFAULT	RANGE	REMARK
1	CTI Station Mode	1	0-2	Determines the CTI keyset mode 0: Inactive, 1: CTI Mode, 2: At Mode
2	CTI Station's Baud Rate	0	0-2	Determines the baud rate of the CTI keyset 0: 1200, 1: 2400, 2: 4800

TABLE 3.14.1 Button Configuration for CTI Station Attribute (PGM 123)

3.15 SMDR ACCOUNT GROUP (PGM 124)

Stations can be assigned as member of call account group on SMDR. A station belongs to only one call account group. In ARIA-300 (130), system supports 99(23) SMDR Account Groups.

All stations are not assigned as member of any Call Account Group by default.

PROCEDURE

SMDR ACCOUNT GROUP **ENTER STA RANGE**	(1) **[TRANS/PGM]** + 124.
100-110 SMDR ACCT GRP **(00 – 99) : 01**	(2) Enter station range (Ex.100-110). LCD shows current account group status of the first station in the range. In ARIA-130, the range is 00-23.
	(3) To assign Call Account Group: enter group number, then assigned Call Account Group Number will be displayed on the LCD. Otherwise, to cancel assignment of Call Account Group, press the **[SPEED]** button then it will be displayed on the LCD.
SMDR ACCOUNT GROUP **ENTER STA RANGE**	(4) Press the **[HOLD/SAVE]** button for updating database permanently.
SMDR ACCOUNT GROUP **ENTER STA RANGE**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

PGM	BTN	ITEM	RANGE	DEFAULT	REMARK
124		SMDR Account Group Assign	00 – 99(ARIA-300, Aria-600) 00 – 23(ARIA-130)	00 (Not Assigned)	

3.16 COPY DSS BUTTON (PGM 125)

The assigned DSS button can be copied to another station or ICM group.

PROCEDURE

COPY DSS BTN **FROM STA …**	(1) **[TRANS/PGM]** + 125.
COPY DSS FROM STA 105 **F1: TO STA F2: TO ICM GRP**	(2) Enter station number (Ex.105), and then LCD shows the dialed station.
COPY DSS FROM STA 105 **TO STA …**	(3) Chose the flexible button 1 or 2 according to destination – station or ICM group.(Ex FLEX 1)
COPY DSS FROM STA 105 **TO STA 110**	(4) Enter the station number of destination (Ex. 110)
COPY DSS FROM STA 105 **F1: TO STA F2: TO ICM GRP**	Press the **[HOLD/SAVE]** button for updating database permanently.
COPY DSS FROM STA 105 **F1: TO STA F2: TO ICM GRP**	Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

3.17 DISPLAY STATION NUMBER BY COS (PGM 130)

System can display stations by assigned Day or Night COS.

PROCEDURE

DISPLAY STA BY COS **F1:DAY COS F2:NIGHT COS**	(1) **[TRANS/PGM]** + 130.
DISPLAY STATIONS **ENTER DAY COS NO (1-7)**	(2) Press the flexible button 1 or 2 (Ex, FLEX 1 for Day COS)
100 101 102 103 **104 105 106 …**	Dial digit “1”, and then LCD shows stations which are assigned COS 1.
DISPLAY STA BY COS **F1:DAY COS F2:NIGHT COS**	Press the **[CONF],** then system goes to step (1).

3.18 DISPLAY STATION NUMBER BY CO ACCESS GROUP (PGM 131)

System can display stations by CO access group.

PROCEDURE

CO GRP ACCESS STATIONS **ENTER CO GRP (01-72)**	(1) **[TRANS/PGM]** + 131.
100 101 102 103 **110 111 ... ...**	(2) Dial one digit of COS (Ex, 1), and then LCD shows stations that are assigned to access CO group 1.
DISPLAY STA BY COS **F1:DAY COS F2:NIGHT COS**	Press the **[CONF],** then system goes to step (1).

4 CO LINE PROGRAMMING

If CO line features are to be changed, press the **[TRANS/PGM]** button and dial 140-144 in Admin Programming Mode. When programming, LCD and LEDs indicate current programmed data and programming status. If the programmer enters correct data, then LCD and LEDs show the entered data and the data is stored in the temporary buffer area. To save the data permanently, press the **[HOLD/SAVE]** button, then all data in the temporary buffer (same as LCD/LEDs show their status) are stored into system memory.

4.1 CO SERVICE TYPE (PGM 140)

In this program mode, you can program the following items;

PROCEDURE

COL SERVICE ATT **ENTER COL RANGE**	(1) **[TRANS/PGM]** + 140.
001-002 COL SVC **F1:TYPE F2:SUB ATT**	(2) Enter CO line range. User can select COL Service Type by pressing Flex. BTN 1.
001-002 SVC TYPE (1-5) **NORMAL CO (1)**	(3) To program, select the desired type as Table 4.1.2. Press digit 1-5 to select CO service type (Type 1-5 is exclusive and the default value is NORMAL CO.).
001-002 SVC TYPE (1-5) **ISDN DID / MSN (3)**	● To change the type, press another digit (Ex. 3), then LCD displays the select type immediately. To save the current type, press the **[HOLD/SAVE]** button.
001-002 COL SVC **PRESS FLEX_KEY (1-2)**	(4) To set the sub-attributes of the selected type, press Flex. BTN 2. See Table 4.1.2.
001-002 DISA ATT **F1:DAY F2:NIGHT F3: WEND**	(5) In Normal CO type, user can set the 3 sub-attributes; Day, Night, or Weekend. Each attribute also has 3 sub attributes. At first, choose a Flex. BTN. (Day/Night/Weekend: 1, 2, 3) See Table 4.1.2.
001-002 DISA ATT **F1: SVC F2: VMIB**	(6) User can set the DISA attributes by pressing Flex. BTN 1~2. Do this procedure for other attribute. See Table 4.1.2.
001-002 DISA SVC **(1 : ON/ 0 : OFF) : OFF**	● Press Flex. BTN 1 to set DISA Service ON/OFF. After entering the desired value, press the **[HOLD/SAVE]** button to save the value.
001-002 VMIB ANNC **VMIB MSG .. (00-70)**	● Press Flex. BTN 2 to select VMIB Announcement No. ● When VMIB Announcement number is assigned and CCR table (PGM 228) matched with VMIB Announcement No is programmed, CCR feature is activated.
COL SERVICE ATT **ENTER COL RANGE**	(4) Press the **[HOLD/SAVE]** button for updating database permanently.
COL SERVICE ATT **ENTER COL RANGE**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

ITEM	REMARK
Normal CO	All lines are assigned as normal CO lines as default. Each CO line in the system can be programmed as DISA (Direct Inward System Access) line and the DISA types are as follows; - Flex BTN 1 (Day) / 2 (Night) / 3 (Weekend) - *Each DISA type (BTN 1-3) has sub-attribute* F1: DISA Service On/Off F2: VMIB Message No. (Voice announcement (VMIB Message) can be assigned (00-70 and it is not assigned (00) as default.)
Analog DID	Each CO line in the system can be programmed as DID (Direct Inward Dialing) line and the DID types are as follows; - 1(Immediate Start) / 2 (Wink Start) / 3 (Delayed Dial Start) *(BTN 1-3 are exclusive)*
ISDN DID/ MSN	If ISDN board (BRIB, PRIB) is assigned for operating with DID type.
TIE	TIE line types are as follows; - / 1 (RD) / 2 (LD) / 3 (EM-C) / 4 (EM-D) / 5 (EM-I)
DCO DID	If R2DCOB (E1 R2) board is assigned for operating with DID type.

TABLE 4.1.1 CO Service Type (PGM 140)

BTN	TYPE	FLEX BTN 2	DEFAULT	SUB ATTR	REMARK
1	Normal CO	*DISA Attributes* -Flex BTN 1 (Day) -Flex BTN 2 (Night) -Flex BTN 3 (Weekend)		*For each Item;* Flex BTN 1 - DISA Service: ON/OFF Flex BTN 2 – VMIB MSG (00- 70) (00: not assigned)	
2	ANALOG DID	Flex BTN 1 : (Signal Type) Flex BTN 2 : (INFO NO)	-	Signal Type –1: Immediate Start 2: Wink Start 3: Delayed Dial Start INFO NO : 00 – 70 (00: not assigned)	**N/A Australia**
3	ISDN DID / MSN				
4	TIE	1:RD 2:LD 3:EM-C 4:EM-D 5:EM-I	RD	-	1:RD: Korea 2:LD: India Enter digit
5	DCO DID				**N/A Australia**

TABLE 4.1.2 Button Configuration for CO Service Type (PGM 140)

If CO Service type is Normal

PGM	BTN	ITEM			RANGE	DEFAULT	REMARK
140	1	CO Service Type			1-5	1 (Normal)	
	2	Detailed Attribute					
		BTN	DISA				
		1	Day	DISA SVC	ON /OFF	OFF	
				VMIB ANNC	00-70	00(NOT_ASG)	
		2	Night	DISA SVC	ON /OFF	OFF	
				VMIB ANNC	00-70	00(NOT_ASG)	
		3	W/end	DISA SVC	ON /OFF	OFF	
				VMIB ANNC	00-70	00(NOT_ASG)	

TABLE 4.1.3 Button Configuration for CO Service Type (PGM 140)

If CO Service type is ISDN DID/MSN,

PGM	BTN	ITEM	RANGE	VALUE	REMARK
140	1	CO Service Type	1-5	3 ISDN DID/MSN	
	2	Detailed Attribute			No Attributes Required

TABLE 4.1.4 Button Configuration for CO Service Type (PGM 140)

If CO Service type is TIE,

PGM	BTN	ITEM		RANGE	VALUE	REMARK
140	1	CO Service Type		1-5	TIE (4):	
	2	Detailed Attribute				
		TIE Attribute				
			TIE SIG	1-5	Not Assigned	1: RD 2: LD 3: EM-C 4: EM-D 5: EM-I

TABLE 4.1.5 Button Configuration for CO Service Type (PGM 140)

4.2 CO LINE ATTRIBUTE – I (PGM 141)

PROCEDURE

CO LINE ATT 1 **ENTER COL RANGE**	(1) **[TRANS/PGM]** + 141.
001-002 CO LINE ATT1 **PRESS FLEX_KEY (1-10)**	(2) Enter CO line range.
	(3) To program, press the Flex. BTN as Table 4.2.1. Press BTN 1-10 and enter related data, then entered data will be displayed on the LCD.
001-002 DISA ACCT CODE **(1 : ON/ 0 : OFF) : OFF**	(4) Press Flex. BTN 3 and assign DISA Account Code.
001-002 FLASH TYPE **(1: GND/ 0: LOOP) : LOOP**	(5) To set Flash Type, press Flex. BTN 7.
001-002 FLASH TYPE **(1: GND/ 0: LOOP) : LOOP**	(6) To alter Flash Type, dial 1-0 .(Ex. dial 1)
001-002 DISA ACCT CODE **(1 : ON/ 0 : OFF) : OFF**	(7) Press the **[HOLD/SAVE]** button for updating database permanently.
CO LINE ATT 1 **ENTER COL RANGE**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	ITEM	RANGE	DEFAULT	REMARK
1	CO Line Group	00-73 (Aria-300, Aria-600) 00-25 (Aria-130)	01	Groups should be assigned according to CO type and Class-Of-Service. (00:private, 73(25) : not used)
2	CO COS	1-5	1	-CO COS 1: no restriction -CO COS 2: Exception Table A governs -CO COS 3: Exception Table B governs -CO COS 4: restricts Long Distance Code -CO COS 5: overrides STA. COS 2,3,4 and 5, 6.
3	DISA Account Code	ON/OFF	OFF	When accessed another CO line in the system by DISA line, you should enter authorization code if this flag is set.
4	CO Line Assign	POL/LOOP	LOOP	Polarity Reverse, Loop Start
5	CO Line Type	PBX/CO	CO	When marked PBX, a 1 or 2 digit dial code may be entered after which toll restriction is applied.
6	CO Line Signal Type	DTMF/PULSE	DTMF	DTMF, Pulse
7	Flash Type	GROUND/LOOP	LOOP	
8	UNA	ON/OFF	OFF	The allowance of Universal Night Answer service
9	CO Line Group Account	ON/OFF	OFF	
10	CO Tenancy Group	01-15(Aria-130, Aria-600) 01-10(Aria-130)	01	Tenancy Group of CO line.

TABLE 4.2.1 Button Configuration for CO Attribute - I (PGM 141)

4.3 CO LINE ATTRIBUTE – II (PGM 142)

PROCEDURE

CO LINE ATT 2 **ENTER COL RANGE**	(1) **[TRANS/PGM]** + 142.
CO LINE ATT 2 **PRESS FLEX_KEY (01-15)**	(2) Enter CO line range.
	(3) To program, use the Flex. BTNs as Table 4.3.1. Flex. BTN 1, 4, 7-11,15 may set On/Off. Press BTN 2, 3, 5, 6, 12, 13 and enter related data for setting, then entered data will be displayed on the LCD.
001-002 CO DIST RING **(0-4) : 3**	(4) To assign CO Distinct Ring, press Flex. BTN 5. (Ex. To change Ring Type, dial 0-4. (Ex: dial 3))
001-002 CO DIST RING **(0-4) : 3**	(5) Press the **[HOLD/SAVE]** button for updating database permanently.
001-002 MOH(00-15) **INT MUSIC (1)**	(6) To change MOH type, press Flex. BTN 6, and dial 00-13. In ARIA-130, the range is 00-12
001-002 MOH(00-15) **INT MUSIC (1)**	(7) Press the **[HOLD/SAVE]** button for updating database permanently.
CO LINE ATT 2 **PRESS FLEX_KEY (01-15)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (2) without updating system memory.

BTN	ITEM	RANGE	DEFAULT	REMARK
1	CO Line Name Display	ON/OFF	OFF	If CO line name is assigned at BTN2, and this field is ON, CO name is displayed when a CO line call is received.
2	CO Line Name Assign	Max 12 char	-	Max 12 characters
3	Metering Unit	00-06	00	There are 7 metering signal types: - 0 : None - 1 : 50 Hz - 2 : 12 KHz - 3 : 16 KHz - 4 : Singular Polarity Reverse (SPR) - 5 : Plural Polarity Reverse (PPR) - 6 : No Polarity Reverse (NPR)
4	Line Drop using CPT	ON/OFF	OFF	If this field set to ON, CPT checks the incoming CO line when answered and if CPT detects dial tone, then system drops the line for toll restriction.

BTN	ITEM	RANGE	DEFAULT	REMARK
5	CO Distinct Ring	0-4	0	The CO line can give his own ring type signal to station in system through this field. This ring type can be programmed at PGM 422.
6	CO Line MOH	00-13 (Aria-300, Aria-600) 00-12 (Aria-130)	1	00: Not assigned by this field. 01: Internal Music 02~04: External Music (04=MPB, Aria-600=LMUE) 05~06(07): VMIB MOH 07(08)-11(12): SLT MOH 12(13): Hold Tone
7	PABX CO Dial Tone	YES/NO	YES	YES: PX or PABX provides dial tone. NO: PX or PABX does not provide dial tone and the ARIA system provides dial tone.
8	PABX CO Ring Back Tone	YES/NO	NO	If R2 PX which does not give you tone for called party status exists, then the system provides tone according to cause value (This field is only when Cause means that Ring back is provided by PX.). YES: PX, NO: System
9	PABX CO Error Tone	YES/NO	NO	If R2 PX which does not give you tone for called party status exists, then the system provides tone according to cause value (This field is only when Cause means that error tone is provided by PX.). YES: PX, NO: System
10	PABX CO Busy Tone	YES/NO	NO	If R2 PX which does not give you tone for called party status exists, then the system provides tone according to cause value (This field is only when Cause means that busy tone is provided by PX.). YES: PX, NO: System
11	PABX CO Announce Tone	YES/NO	NO	If R2 PX which does not give you tone for called party status exists, then the system provides tone according to cause value (This field is only when Cause means that announcement is provided by PX, but the system provides only error tone.). YES: PX, NO: System
12	CO Flash Timer	000 – 300	005	10msec base
13	Open Loop Detect Timer	00 - 20	00	100msec base
14	Line Length			**N / A For Australia** (South Africa only)
15	DISA Ans Timer	1-9	5	

TABLE 4.3.1 Button Configuration for CO Attribute - II (PGM 142)

4.4 ISDN CO LINE ATTRIBUTE I (PGM 143)

PROCEDURE

COL ISDN ATT **ENTER CO RANGE**	(1) **[TRANS/PGM]** + 143.
001-009 COL ISDN ATT **PRESS FLEX KEY (01-11)**	(2) Enter CO line range. (3) To program, press the Flex. BTN as Table 4.4.1. BTN 6 can toggle for the value. Press other BTNs and enter related data for setting, then it will be displayed entered data on the LCD.
001-009 DID REMOVE NO **(00-99) : 00**	(4) To set DID Remove Number, press Flex. BTN 5. (Ex. To alter DID_RN dial number, dial 21.)
001-009 DID REMOVE NO **(00-99) : 21**	(5) Press the **[HOLD/SAVE]** button for updating database permanently.
001-009 COL ISDN ATT **PRESS FLEX KEY(01-11)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (2) without updating system memory.

BTN	ITEM	RANGE	DEFAULT	REMARK
1	COLP Table Index	00 – 50	Not Assigned	To make called party number with assigned COLP Table entry. (PGM 201) 00~49: PGM 201 Bin No. / 50: PGM 114-BTN 5
2	CLIP Table Index	00 – 50	Not Assigned	To make calling party number with assigned CLIP Table entry. (PGM 201) 00~49: PGM 201 Bin No. / 50: PGM 114-BTN 5
3	Call Type	0 – 4	2	0: Unknown 1: International 2: National 3: Not used 4: Subscriber
4	DID CONV Type	0 – 2	0	0: convert digits by DID Dgt Conversion (PGM146 Aria-600) (PGM200 Aria-300 and Aria-130) 1: call to the valid extension. 2:convert digits by Flex DID Table (PGM231)
5	DID Remove No.	00 – 99	Not Assigned	Remove received digits from the left as to the assigned #
6	ISDN Enblock Send	ON/OFF	OFF	ON: Enblock Sending Mode OFF: Overlap Sending Mode
7	CLI Transit	ORI(1)/CFW(0)	CFW(0)	ORI : Send CLI as the originate caller's CLI. CFW : Send CLI as the call forwarded station's CLI.
8	Numbering plan ID Flex 1: Calling Flex 2: Called	 0 - 7 0 - 7	 0 0	0 = Unknown 1 = ISDN/Telephony 2 = Not Used 3 = Data 4 = Telex 5 = Not Used 6 = National Standard 7 = Private
9	Unknown 0			Aria-600 only
10	ISDN 1 Digit Remove	ON/OFF	OFF	If ISDN incoming CPN type is unknown-unknown type, then the first digit is removed. Italy only.
11	ISDN CP Inband	ON/OFF	OFF	ISDN Call Proceeding In-band Message

TABLE 4.4.1 Button Configuration for ISDN CO Attribute (PGM 143)

4.5 CO RING ASSIGNMENT (PGM 144)

PROCEDURE

CO RING ASSIGNMENT **ENTER COL RANGE**	(1) **[TRANS/PGM]** + 144.
001-002 PRESS KEY **DAY NIGHT WEEK ON-D**	(2) Enter CO line range. User can select one of 4 Flex. BTNs.
001-002 DAY CO RING **DIAL TYPE (1:S/2:H/3:D)**	(3) For the selected one of 4 modes (day, night, weekend, on-d), enter one digit (1-3) to select a type. When entering a digit, menu moves to the selected type setting.
001-002 ENTER STA RANGE **STA :100-150 DLY : . .**	● In case of DEST TYPE 1, first enter station range. If the entered range is valid, LCD shows the value and system moves delay input state with confirmation tone.
001-002 ENTER STA RANGE **STA : 100-150 DLY : 9**	● After entering station range, enter desired value of delay. To save the station range and delay value, press the **[HOLD/SAVE]** button.
001-002 DAY CO RING **HUNT GRP : . . .**	● In case of DEST TYPE 2, enter desired value of hunt group. To save the value, press the **[HOLD/SAVE]** button
001-002 NIGHT CO RING **VMIB MESSAGE 50**	● In case of DEST TYPE 3, Enter desired value of voice message. (Ex. 50) To save the value, press the **[HOLD/SAVE]** button.
001-002 NIGHT CO RING **VMIB MESSAGE 50(#)**	● To drop the call after VMIB message, press "**#**' after entering voice message number.
001-002 PRESS KEY **DAY NIGHT WEEK ON-D**	(4) Press the **[HOLD/SAVE]** button for updating database permanently.
001-002 PRESS KEY **DAY NIGHT WEEK ON-D**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (2) without updating system memory.

BTN	ITEM	DEST TYPE	RANGE	DEFAULT
1	Day	TYPE 1 : STA Range + Delay TYPE 2 : Hunt Group TYPE 3 : Voice Message	STA Range Delay : 0 - 9 Hunt GRP : 620 – 6XX Voice Message : 01~70	Not assigned (••) Not assigned Not assigned Drop : #
2	Night			
3	Weekend			
4	ON-Demand			

TABLE 4.5.1 Button Configuration for CO Station Ring Attribute (PGM 144)

4.6 CO RING ASSIGNMENT DISPLAY (PGM 145)

PROCEDURE

CO RING ASSIGN DISPALY **ENTER COL RANGE**	(1) **[TRANS/PGM]** + 145.
001-002 PRESS KEY **DAY NIGHT WEEK ON-D**	(2) Enter CO line range. User can select one of 4 Flex. BTNs.
C001(D): 100(0) 101(0) **102(1) 103(1) 104(1)**	• If DAY/NIGHT ring is assigned to the station, You can see the delay value also.
C001(W) **VMIB MSG 02 (00-70)**	You can move to the other (Day/Night/Weekend/On-demand) modes by press Flex button.

BTN	ITEM	REMARK
1	Day	When there are too many stations to see, you can scroll data using volume up/down key.
2	Night	
3	Weekend	
4	ON-Demand	

TABLE 4.6.1 Button Configuration for CO Station Ring Attribute (PGM 145)

4.7 ISDN CO LINE ATTRIBUTE II (PGM 146)

PROCEDURE

COL ISDN ATT II **ENTER CO RANGE**	(1) **[TRANS/PGM]** + 146.
001-009 COL ISDN ATT **PRESS FLEX KEY (01-11)**	(2) Enter CO line range.
001-009 IN PREFIX CODE INS **(1:ON/0:OFF) : OFF**	(3) To program the Incoming Prefix Code Insertion, press the Flex. BTN 3. Then the current status will be displayed on the LCD.
COL ISDN ATT II **PRESS FLEX KEY (1-11)**	(4) Press the **[HOLD/SAVE]** button for updating database permanently.
SYSTEM ISDN ATT **PRESS FLEX KEY (1-11)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (2) without updating system memory.

BTN	ITEM	RANGE	DEFAULT	REMARK
1	Incoming Prefix Code Insertion	ON / OFF	OFF	If this field is ON, prefix code will be attached in front of incoming phone number.
2	Outgoing Prefix Code Insertion	ON / OFF	ON	If this field is ON, prefix code will be attached in front of outgoing phone number.
3	ISDN Line Type	μ-Law/ A-Law	A-Law (OFF)	Installed ISDN Back bone type
4	Calling Sub-address	ON/OFF	OFF	If this field is ON, station number will be filled in calling party number sub-address IE in setup.
5	DID Dgt Rec_Num.	2 – 4	3	
6	DID Dgt Mask	Max 4 digits ***(d, *, #)***	#***	*d* : digit (0 - 9) # : ignore digits * : any kind of digit

TABLE 4.6.2 ISDN CO Attributes II (PGM 146)

4.8 CO MSN MAPPING TABLE (PGM 147)

(This Table is removed from software version 2.2 Fi)

PROCEDURE

CO MSN MAPPING TABLE **ENTER CO RANGE**	**[TRANS/PGM]** + 147. Enter CO line range.
001-009 MSN TABLE **ENTER BIN NO (01-10)**	Enter bin number.
001-009 MSN TABLE 01 **. . .**	Enter bin number of PGM202, that is already programmed MSN number.
001-009 MSN TABLE **ENTER BIN NO (01-10)**	Press the **[HOLD/SAVE]** button for updating database permanently.
001-009 MSN TABLE **ENTER BIN NO (01-10)**	Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to upper step without updating system memory.

BIN	ITEM	RANGE	DEFAULT	REMARK
01-10	MSN number table bin mapping.	000-249	-	MSN number table bin mapping to CO line. PGM202 MSN table should be programmed previously.

CO MSN Mapping Table (PGM 147)

Note: This PGM is not included in Version 3 software.

5 SLOT PROGRAMMING

5.1 BOARD ATTRIBUTE (PGM 155)

PROCEDURE

BOARD ATTRIBUTES **ENTER SLOT NUMBER**	(1) **[TRANS/PGM]** + 155. The slot attributes fields are shown in TABLE 5.1.1. Enter the slot number (e.g. 01)
SLOT 01 ATTR **PRESS FLEX_KEY (1-1)**	(2) To R2 CRC check, press the Flex. BTN 1.
SLOT 01 R2 CRC CHECK **(1 : EN/0:DIS) : DISABLE**	(3) Entering a desired value, the LCD shows the changed value. Press the **[HOLD/SAVE]** button for updating database permanently when setting value in each flex BTN.
SLOT 01 ATTR **PRESS FLEX_KEY (1-1)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory

BTN	ITEM	RANGE	DEFAULT	REMARK
1	R2 CRC Check	ENABLE/ DISABLE	DISABLE	

TABLE 5.1.1 Button Configuration for Slot Attribute (PGM 155)

6 SYSTEM DATA PROGRAMMING

If system parameters are to be changed, press the **[TRANS/PGM]** button and dial 160-179. When programming, LCD and LEDs indicate current programmed data and programming status. The programmer enters correct data, then LCD and LEDs show the entered data and the data is stored in the temporary buffer area. Pressing the **[HOLD/SAVE]** button, all data in the temporary buffer (same as LCD/LEDs show their status) are stored into permanent system memory.

6.1 SYSTEM ATTRIBUTE - I (PGM 160)

PROCEDURE

SYSTEM ATT 1 **PRESS FLEX_KEY (1-19)**	(4) **[TRANS/PGM]** + 160. The system attributes fields are shown in TABLE 5.1.1.
ATD CALL QUE RB TONE **(1 : RBT/ 0 :MOH) : MOH**	(5) To program the Attendant Call Queuing Ringback Tone, press the Flex. BTN 1. Entering a desired value, the LCD shows the changed value.
CAMP RBT/MOH **(1 : RBT/ 0 :MOH) : MOH**	(6) To select the Camp Ringback tone or MOH, press the Flex. BTN 2. Entering a desired value, the LCD shows the changed value.
CO LINE CHOICE **(1: LAST/ 0: ROUND) : LAST**	(7) To program the CO Line Choice, press the Flex. BTN 3. Entering a desired value, the LCD shows the changed value. (1: Last Choice, 0: Round Robin)
DISA RETRY CNT **(1 – 9) : 3**	(8) To program DISA Retry Count, press the Flex. BTN 4 and dial 1 digit (1-9). Entering a desired value, the LCD shows the changed value.
ICM CONT DIAL TONE **(1: CONT/ 0: DISC) : CONT**	(9) To program the Intercom Continuous dial tone, press the Flex. BTN 5. Entering a desired value, the LCD shows the changed value. (1: Continuous, 0: Discontinuous)
CO DIAL TONE DET **(1 : ON/ 0 : OFF) : OFF**	(10) To program the CO dial Tone Detect, press the Flex. BTN 6. Entering a desired value, the LCD shows the changed value.
EXT NIGHT RING **(1 : ON/ 0 : OFF) : OFF**	(11) To program the External Night ring, press the Flex. BTN 7. Entering a desired value, the LCD shows the changed value.
HOLD PREFENCE **(1: SYS/ 0: EXC) : SYS**	(12) To program the Hold Preference, press the Flex. BTN 8. Entering a desired value, the LCD shows the changed value. (1: System, 0: Exclusive)
MULTI LINE CONF **(1 : ON/ 0 : OFF) : ON**	(13) To program the Multi Line Conference, press the Flex. BTN 9. Entering a desired value, the LCD shows the changed value.
PRT LCR CONV DGT **(1: ON/ 0: OFF) : OFF**	(14) To program Print LCR Conversion Digit, press the Flex. BTN 10. Entering a desired value, the LCD shows the changed value.

CONF WARNING TONE **(1 : ON/ 0 : OFF) : ON**

(15) To program Conference Warning Tone, press the Flex. BTN 11. Entering a desired value, the LCD shows the changed value.

CONF WARNING TONE **(1 : ON/ 0 : OFF) : ON**

(16) Press the **[HOLD/SAVE]** button for updating database permanently when setting value in each flex BTN.

SYSTEM ATT 1 **PRESS FLEX_KEY (1-19)**

- Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory

BTN	ITEM	RANGE	DEFAULT	REMARK
1	Attendant Call Queuing Ringback Tone	Rbt/Moh	MOH	RBT: The station will be presented ringback tone when calling busy attendant station. MOH: The station will be presented MOH, hold tone or VMIB-MOH by system database (PGM 171-BTN 2)
2	CAMP RBT/MOH	Rbt/Moh	MOH	MOH or Ringback tone is heard in camp-on.
3	CO Line Choice	Last/Round	LAST	The method of a CO line seizing on CO line group access (Last Choice/Round-robin)
4	DISA Retry Counter	1-9	3	When the DISA user fails to call a station or access a feature, then DISA user can retry other calls or features within this retry counter. If DISA user cannot access appropriately within this counter, the DISA line will be disconnected automatically.
5	ICM Continuous Dial-Tone	Cont/Discont	CONT	This field sets whether ICM dial tone is continuous or not.
6	CO Dial-Tone Detect	On/Off	OFF	When the speed dial is activated, system detects dial tone using CPT instead of pause timer.
7	External Night Ring	On/Off	OFF	When CO lines are marked to UNA, ringing will be sent to LBC1 when an incoming call is received on those lines during night service.
8	Hold Preference	Sys/Exec	SYS	System hold or exclusive hold
9	Multi-line Conference	On/Off	ON	The system allows a conference with multi-CO lines.
10	Prt LCR Conv Dgt	On/Off	OFF	Print dialed digits or LCR conversed digits in LCD and SMDR.
11	Conference Warning Tone	On/Off	ON	When a new member enters a conference, other members will hear warning tone.
12	Offnet Prompt Usage	On/Off	ON	In case of Offnet call forward, offnet prompt will be heard.(It is only applied to CO-to-CO Transfer)
13	Offnet DTMF Tone	On/Off	ON	In case of Offnet call forward, DTMF tone will be heard.(It is only applied to CO-to-CO Transfer)
14	CO Voice Path Connect	IMM/DGT	DGT	
15	Transfer Tone	RBT/MOH	RBT	
16	CO-CO Xfer CPT	ON/OFF	OFF	CPT tone detect at CO to CO transfer
17	ACD Info Print	ON/OFF	OFF	

18	CO-CO U Con Tmr Ext	ON/OFF	OFF	Extend CO to CO Unsupervised Conference Timer

TABLE 6.1.1 Button Configuration for System Attribute - I (PGM 160)

6.2 SYSTEM ATTRIBUTE - II (PGM 161)

PROCEDURE

SYSTEM ATT 2 **PRESS FLEX_KEY (1-15)**	(1) **[TRANS/PGM]** + 161.
NETWORK TIME/DATE **(1 : ON/ 0: OFF) : OFF**	(2) To program, use the Flex. BTNs as Table 5.2.1. Press one of the Flex. BTNs 1-15. (EX. Flex. BTN 1) Entering a desired value, the LCD shows the changed value.
NETWORK TIME/DATE **(1 : ON/ 0: OFF) : OFF**	(3) Press the **[HOLD/SAVE]** button for updating database permanently when setting values in each Flex. BTN.
SYSTEM ATT 2 **PRESS FLEX_KEY (1-15)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory

BTN	ITEM	RANGE	DEFAULT	REMARK
1	Network Time/Date Setting	On/Off	OFF	If this field is ON, the system time/date are set by the network time/date.
2	Off-Hook Ring Type	Mute/ Burst	MUTE	The off-hook ring type in the system can be set to mute or one burst ring.
3	Override 1st CO Group	On/Off	ON	If there is no available CO line in the 1st CO group, system can access the next accessible CO group when this field is ON.
4	Page Warning Tone	On/Off	ON	If desired, page warning tone can be suppressed.
5	Auto Privacy	On/Off	ON	The system can be programmed to override CO line call to gain access to the conversation. If privacy is disabled, a station privileged to override in PGM113-BTN 4 joins an existing call in progress.
6	Privacy Warning Tone	On/Off	ON	If desired, privacy warning tone can be suppressed.
7	Single Ring for CO Call	Yes/No	NO	Changes a cadence of ICM or incoming CO ring. In case of NO: - ICM: 1sec on/ 4sec off CO : 0.4s on/ 0.2s off/ 0.4s on/ 4sec off In case of YES, the cadence is the reverse.
8	WTU Auto Release	On/Off	OFF	Enable or disable auto release of WTU
9	ACD Print Enable	1:10s/ 0 :Off	OFF	Enable or disable ACD Print feature
10	ACD Print Timer	001 –255 (3 Digits)	001	Determines the amount of time between repeated ACD database prints. (10 sec or 1 hour base)
11	Clear ACD Database after Print	On/Off	OFF	Determines that initialize ACD database after print-out.
12	VMIB Prompt Gain	00-31	08	To control prompt gain level.
13	VM with CLI Info	On / Off	OFF	When Voice Mail information printed through RS232 port by SMDI, if this is 'ON', CLI is added.
14	ACD Print Timer Unit	Hour/ Sec	SEC	Determines the unit of ACD Print timer of Flex Btn 10 (1 hour or 10 seconds).
15	Set VM SMDI Type	Type Ii/ Type I	TYPE I	Set VM SMDI type (Refer RS232 Spec).
16	Incoming Call Toll Check	On / Off	Off	Enable or disable to toll check for incoming call
17	Auto FAX Transfer CO	01-08	-	Specify CO line for Auto FAX Detect – Aria-24 ONLY

18	DSS Indication	ON/OFF	ON	Enable or disable LED of CO button while ringing for incoming, transfer and recalling. It is not applied for direct ringing such as DID/DISA.
19	UK Billing Mode	ON/Off	OFF	

TABLE 5.2.1 Button Configuration for System Attribute - II (PGM 161)

6.3 ADMIN PASSWORD (PGM 162)

Admin password can be assigned to enter Admin Programming mode for only administrator who knows the Admin Password. *It is not assigned by default.*

PROCEDURE

ADMIN PASSWORD **....**	(1) **[TRANS/PGM]** + 162.
ADMIN PASSWORD **1234**	(2) To assign Admin Password, enter 4 digits number, then entered admin password will be displayed on the LCD. Otherwise to delete the admin password, press the **[SPEED]** button. (Ex. 1234)
ADMIN PASSWORD **....**	(3) Press the **[HOLD/SAVE]** button for updating database permanently.

6.4 ALARM ATTRIBUTES (PGM 163)

PROCEDURE

SYSTEM ALARM ATT **PRESS FLEX_KEY (1-4)**	(1) **[TRANS/PGM]** + 163.
ALARM ENABLE **(1 : ON/ 0: OFF) : OFF**	(2) To program, use the Flex. BTNs as Table 5.4.1. Press one of the Flex. BTNs 1-4. (Ex. Flex. BTN 1) Entering a desired value, the LCD shows the changed value. ***Note*:** An SLT must not be assigned to receive signals for either the alarm or door bell.
ALARM ENABLE **(1 : ON/ 0: OFF) : OFF**	(3) Press the **[HOLD/SAVE]** button for updating database permanently when setting value in each Flex. BTN.
SYSTEM ALARM ATT **PRESS FLEX_KEY (1-4)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory

BTN	ITEM	RANGE	DEFAULT	REMARK
1	Alarm Enable	ON/OFF	OFF	
2	Alarm Contact Type	CLOSE/OPEN	CLOSE	Close, Open
3	Alarm Mode	ALARM / BELL	ALARM	Alarm, Door Bell
4	Alarm Signal Mode	RPT/ONCE	RPT	Repeat , Once

TABLE 5.4.1 Button Configuration for Alarm Attribute (PGM 163)

6.5 ATTENDANT ASSIGNMENT (PGM 164)

Maximum 5 Attendants can be assigned including the Main Attendants and System Attendant. The system attendant is different with main attendant in aspect of the call handling and system management priority. The system attendant has more powerful priority than main attendant. The system and main attendants can be assigned each 1 and maximum 4. So the sum of system and main attendants should be less or equal to 5. *As default, the System Attendant is assigned to Station 101, and others are not assigned.*

PROCEDURE

ATTENDANT ASSIGNMENT **101 . . . .**	(1) **[TRANS/PGM]** + 164.
ATTENDANT ASSIGNMENT **101 . . . .**	(2) To assign System Attendants (one of 1-5), press the Flex. BTN 1. Enter the station number, then assigned system attendant station number will be displayed on the LCD. Otherwise to delete any system attendant, press the Flex. BTN, which want to delete and press the **[SPEED]** button. ***Note***: It is impossible to delete the first *System Attendant*.
MAIN ATD ASSIGN **101 . . . .**	(3) To assign Main Attendants (one of 2-5), press the Flex.BTN 2. And the procedure is the same as system attendant assignment.
ATTENDANT ASSIGNMENT **101 . . . .**	(4) Press the **[HOLD/SAVE]** button for updating database permanently.
ATTENDANT ASSIGNMENT **101 . . . .**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory

6.6 AUTO ATTENDANT VMIB ANNC ASSIGNMENT (PGM 165)

User may set the number of the VMIB announcement for auto attendant.

PROCEDURE

AUTO ATTENDANT **PRESS FLEX_KEY (1-2)**	(1) **[TRANS/PGM]** + 165.
AUTO ATTENDANT **VMIB ANNC : 55 (00-70)**	(2) To program the number of VMIB announcement for auto attendant, Press Flex Key2 and dial the number of VMIB announcement location. (Ex. dial 55) Then the dialed number will be displayed on the LCD.
AUTO ATTENDANT **VMIB ANNC : 55 (00-70)**	(3) Press the **[HOLD/SAVE]** button for updating database permanently.
AUTO ATTENDANT **PRESS FLEX_KEY (1-2)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory

BTN	ITEM	RANGE	DEFAULT	REMARK
1	AUTO ATD USAGE	ON/OFF	OFF	
2	VMIB ANNC	00 - 70	00	

6.7 CO-TO-CO COS (PGM 166)

When an external user of DID/DISA/TIE line tries to access another CO line in the system, CO-to-CO COS is applied. The attributes of CO-to-CO COS are the same as the station COS.

PROCEDURE

CO TO CO COS (1 – 9) **DAY: 1 NIGHT/WEEKEND: 1**	(1) **[TRANS/PGM]** + 166.
	(2) To program, use the Flex. BTNs as Table 5.7.1. To change the COS for Day operation, press Flex. BTN 1 and dial the COS (1 digit) and to change the COS for Night/Weekend operation, press Flex. BTN 2 and dial COS (1 digit). (Ex. Day:2, N/W:3) Then changed COS will be displayed on the LCD.
CO TO CO COS (1 – 7) **DAY: 2 NIGHT/WEEKEND:3**	(3) Press the **[HOLD/SAVE]** button for updating database permanently.
CO TO CO COS (1 – 7) **DAY: 1 NIGHT/WEEKEND:1**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory

BTN	ITEM	RANGE	DEFAULT	REMARK
1	Day COS	1-9	1	Day Class-of-Service
2	Night/Weekend COS	1-9	1	Night/Weekend Class-of-Service

TABLE 5.7.1 Button Configuration for CO-to-CO COS (PGM 166)

6.8 DID/DISA DESTINATION (PGM 167)

When a station receives a DID/DISA call which is busy, invalid or vacant, the call may be sent to Attendant, forwarded to Hunt group or tone is presented to the called party by Admin programming. Selecting Attendant as the DID/DISA destination, the call will follow ring assignment at first. If there is no ring assigned station, the call will be sent to Attendant.

PROCEDURE

DID/DISA DEST **PRESS FLEX_KEY (1-4)**	(1) **[TRANS/PGM]** + 167. One of BTN 1-4 show assigned DID Busy/Error/No Answer destination. To see VMIB Prompt Usage Press Flex BTN4
BUSY DESTINATION **TONE (F1 – F3)**	(2) To assign Busy Destination, press Flex. BTN 1.
BUSY DESTINATION **ATD (RING ASGN)**	● Ex. Press Flex BTN 2 to assign Attendant as Busy Destination. To save, press the **[HOLD/SAVE]** button.
BUSY DESTINATION **HUNT: 620**	● Ex. Press Flex BTN 3 and dial Hunt # to assign Hunt Group 620 as Busy Destination. To save, press the **[HOLD/SAVE]** button.
BUSY DESTINATION **HUNT: 620 (F1-F3)**	(3) Press the **[HOLD/SAVE]** button for updating database permanently.
VMIB PROMPT USAGE **PRESS FLEX_KEY (1-5)**	(4) To assign VMIB Prompt Usage, Press Flex BTN 4
BUSY PROMPT USAGE **(1:ON / 0:OFF) : ON**	● Ex. Press Flex BTN 1 to change Busy Prompt Usage. To save, press the **[HOLD/SAVE]** button.
DID/DISA DEST **PRESS FLEX_KEY (1-4)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory

BTN	ITEM		RANGE	DEFAULT	REMARK
1	Busy Destination		F1-F3	1	1: Tone 2: Attendant (Ring Assign) 3: Forward to Hunt Group
2	Error Destination		F1-F3	1	
3	No Answer Destination		F1-F3	1	
4	VMIB PROMPT USAGE		F1-F5		If the field is set as "OFF", each Prompt is not supplied to the calling party. This field affects only DID service CO line. DISA line doesn't affect this field.
	1	Busy Prompt Usage	ON / OFF	ON	
	2	Error Prompt Usage	ON / OFF	ON	
	3	DND Prompt Usage	ON / OFF	ON	
	4	No Ans Prompt Usage	ON / OFF	ON	
	5	ATD Xfer Prompt Usage	ON / OFF	ON	
5	Reroute Busy Destination		F1-F3	OFF	1: Tone 2: Attendant (Ring Assign) 3: Forward to Hunt Group
6	Reroute Error Destination		F1-F3	OFF	1: Tone 2: Attendant (Ring Assign) 3: Forward to Hunt Group
7	Reroute No-Ans Destination		F1-F3	OFF	1: Tone 2: Attendant (Ring Assign) 3: Forward to Hunt Group

TABLE 5.8.1 Button Configuration for DID/DISA Destination (PGM 167)

6.9 EXTERNAL CONTROL CONTACT (PGM 168)

By default, External control contacts are not assigned at all.

PROCEDURE

EXT CONTROL CONTACT **PRESS FLEX_KEY (1-X)**	(1) **[TRANS/PGM]** + 168.
EXT CONTROL CONTACT **NO 1 : .... (1 – 5)**	(2) Select one of External Control Contacts with Flex. BTN 1-7(1-6 for ARIA-130). Then the pressing BTN's LED will be lit and currently assigned External Control Contact will be displayed on the LCD. (Ex. External Control Contact 1: Flex. BTN 1).
EXT CONTROL CONTACT **NO 1 : LBC 150**	(3) *To assign Loud Bell Control to External Control Contact,* dial 1 and enter station number. Then entered data will be displayed on the LCD. (Ex. STA 150).
EXT CONTROL CONTACT **NO 1 : DOOR OPEN**	(4) To assign Door to External Control Contact, dial 2.
EXT CONTROL CONTACT **NO 1 : EXT_1**	● To assign **External Control Device 1** to External Control Contact, dial 3. In ARIA-130/300/600, only 3 External Control Devices are allowed.
EXT CONTROL CONTACT **NO 2 : EXT_2**	● To assign **External Control Device 2** to External Control Contact, dial 4.
EXT CONTROL CONTACT **NO 1 : ...**	● To delete the assignment of External Control Contact, press the **[SPEED]** button.
EXT CONTROL CONTACT **PRESS FLEX_KEY (1-7)**	(5) Press the **[HOLD/SAVE]** button for updating database permanently when setting value in each Flex. BTN.
EXT CONTROL CONTACT **PRESS FLEX_KEY (1-7)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory

BTN	ITEM	RANGE	DEFAULT	REMARK
1	First Contact	1 – 5	-	1: LBC(STA #)
2	Second Contact	1 – 5	-	2: Door
3	Third Contact	1 – 5	-	3: Ext. 1
4	Forth Contact	1 – 5	-	4: Ext. 2
5	Fifth Contact	1 – 5	-	5: Ext. 3
6	Sixth Contact	1 – 5	-	
7	Seventh Contact	1 – 5	-	ARIA-300 / 600 Only

TABLE 5.9.1 External Control Contact (PGM 168)

6.10 LCD TIME/DATE/LANGUAGE DISPLAY MODE (PGM 169)

The LCD Time/Date/Language display formats can be set. Two LCD Time formats are Ordinary (12-hour)/Military (24-hour) mode and two LCD date formats are Day/Month/Year (DDMMYY) or Month/Day/Year (MMDDYY) mode. The LCD language format can be set, too.

PROCEDURE

LCD DISPLAY MODE **PRESS FLEX_KEY (1-3)**	(1) **[TRANS/PGM]** + 169.
LCD TIME MODE **(1: 12H/ 0: 24H) : 12H**	(2) To program the LCD time display mode, press the Flex. BTN 1. Then user can select the desired value with LCD display. *1: 12-Hour mode, 0 : 24-Hour mode*
LCD DATE MODE **(1: MMDD/ 0: DDMM) : DDMMYY**	(3) To program LCD date display mode, press the Flex. BTN 2. Then user can select the desired value with LCD display. *1: MM-DD-YY, 0: DD-MM-YY*
LCD LANGUAGE (00-24) **ENGLISH (00)**	(4) To program LCD language format, press the Flex. BTN 3 and dial 2-digit as language format. (See TABLE 5.10.1) The LCD will be changed to the current value.
LCD LANGUAGE (00-24) **ENGLISH (00)**	(5) Press the **[HOLD/SAVE]** button for updating database permanently.
LCD DISPLAY MODE **PRESS FLEX_KEY (1-3)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory

BTN	ITEM	RANGE	DEFAULT	REMARK
1	LCD Time Display Mode	12H/24H	12H	12-Hour Mode 24-Hour Mode
2	LCD Date Display Mode	MMDDYY / DDMMYY	DDMMYY	Month/Day/Year Day/Month/Year
3	LCD Language Display Mode	00-14	00 (English)	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: Estonia, 14: Russian

TABLE 5.10.1 Button Configuration for LCD Time/Date/Language Display Mode (PGM 169)

6.11 MODEM (PGM 170)

PROCEDURE

MODEM ASC DEVICE **STA : 399 (F1: STA F2: CO)**	(1) **[TRANS/PGM]** + 170. In ARIA-130, 'STA:227' will be displayed.
MODEM ASC DEVICE **STA : 399 (F1: STA F2: CO)**	(2) To program MODEM Attributes, press the one of Flex. BTN 1-2 as Table 5.11.1.
MODEM ASC DEVICE **CO : . . . (F1: STA F2: CO)**	● To set modem associated device for station, press Flex. BTN 1 and digit the number. Then entered data will be displayed on LCD. To save, press the **[HOLD/SAVE]** button. ● To set modem associated device for CO, press Flex. BTN 2 and digit the number. Then entered data will be displayed on LCD. To save, press the **[HOLD/SAVE]** button.
MODEM ASC DEVICE **CO : 010 (F1: STA F2: CO)**	(3) Press the **[HOLD/SAVE]** button for updating database permanently.
MODEM ASC DEVICE **STA : 399 (F1: STA F2: CO)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory

BTN	ITEM	RANGE			DEFAULT			REMARK
		ARIA-300	ARIA-130	Aria-600	ARIA-300	ARIA-130	Aria-600	
1	STA No.	100 – 399	100 – 227	1000-1599	STA 399	STA 227	STA 1599	Last Station
2	CO No	001 – 200	01 – 40	001-400	-		-	

TABLE 5.11.1 Button Configuration for Modem Assignment (PGM 170)

6.12 MUSIC (PGM 171)

PROCEDURE

MUSIC ASGN **PRESS FLEX_KEY (1-4)**	(1) **[TRANS/PGM]** + 171.
	(2) To program, use the Flex. BTNs as Table 5.12.1. Press BTN 1-4 and enter the related data. Then entered data will be displayed on the LCD.
BGM TYPE (00-12) **INT MUSIC (1)**	(3) To program the background music type, press the Flex. BTN 1. To change the BGM type, press two digits of 00-12. In ARIA-130, the range is 00-11. Then entered data and related BGM type will be displayed on the LCD.
BGM TYPE (00-12) **EXT MUSIC 2 (3)**	● Ex. Dial 3 as a BGM type.
MOH TYPE (00-13) **INT MUSIC (1)**	(4) To program the MOH type, press the Flex. BTN 2. To change the MOH type, press two digits of 00-13. In ARIA-130, the range is 00-12. Then entered data and related MOH type will be displayed on the LCD.
ICM BOX MUSIC CH (00-12) **INT MUSIC (1)**	(5) To program the ICM box music channel, press the Flex. BTN 3. To change the ICM box music channel, press two digits of 00-12. In ARIA-130, the range is 00-11. Then entered data and related ICM box music channel will be displayed on the LCD.
ASSIGN SLT MOH **.... ....**	(6) To program the SLT MOH, press the Flex. BTN 4. To assign the SLT MOH, press a flexible button between F1-F5 and enter the SLT station number. To save the data, press the **[HOLD/SAVE]** button whenever entering each station number. The LCD will indicate each MOH channel assigned at the SLT station. For installation see *NOTE**
MUSIC ASGN **PRESS FLEX KEY (1-4)**	(3) Press the **[HOLD/SAVE]** button for updating database permanently.
MUSIC ASGN **PRESS FLEX KEY (1-4)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory

*Note** : To use SLT port as a MOH channel, assign desired SLT port with MOH channel and then connect MOHU to the SLT port.

BTN	ITEM	RANGE		DEFAULT	REMARK
		ARIA-300, Aria-600	ARIA-130		
1	BGM Type	00-12	00-11	01	00: None 01: Int. Music 02-4: External Music 1-3 05-6(7): VMIB BGM1-2(3) 07(8)-11(12): SLT MOH
2	MOH Type	00-13	00-12	01	00: None 01: Int. Music 02-4: External Music 1-3 05-6(7): VMIB BGM1-2(3) 07(8)-11(12): SLT MOH 12(13) : Hold Tone
3	ICM Box Music Channel	00-12	00-11	01	00: None 01: Int. Music 02-4: External Music 1-3 05-6(7): VMIB BGM1-2(3) 07(8)-11(12): SLT MOH
4	Assign SLT MOH	-		Flex. 1-5 (+ SLT STA No.)	SLT MOH 1-5

TABLE 5.12.1 Button Configuration for System Attribute - II (PGM 171)

6.13 PBX ACCESS CODE (PGM 172)

Maximum 4 PABX Access Codes are assignable. PABX Access Code is 1 or 2-digit number. *By default, PABX Access Codes are not assigned at all.*

PROCEDURE

PABX ACCESS CODE **PRESS FLEX_KEY (1-4)**	(1) **[TRANS/PGM]** + 172. LCD shows currently assigned PABX Access codes.
PABX ACCESS CODE 1 **9**	(2) To assign PABX Access code, press Flex. BTN 1-4 and do one of followings: ● Dial 2 digits or 1 digit number to assign PBX Access Code. ● Press the **[SPEED]** button to delete PBX Access Code. (3) For example, pressing Flex. BTN 1 and dialing 9, the changed value will be displayed on the LCD.
PABX ACCESS CODE **PRESS FLEX_KEY (1-4)**	(4) Press the **[HOLD/SAVE]** button for updating database permanently.
PABX ACCESS CODE **PRESS FLEX_KEY (1-4)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory

6.14 PLA PRIORITY SETTING (PGM 173)

The PLA priority can be programmable with CO recalling, transfer call, incoming call and queued call.

PROCEDURE

XFR REC INC QUE **1 2 3 4**	(1) **[TRANS/PGM]** + 173.
XFR REC INC QUE **2 1 4 3**	(2) To change the PLA priority, first choose one of 4 Flex. BTNs as XFR REC INC QUE, and press one digit of 1-4. Then entered digit and related data will be displayed on the LCD. (Ex. Flex. BTN 2 and dial 1)
XFR REC INC QUE **2 1 4 3**	(3) Press the **[HOLD/SAVE]** button for updating database permanently.
XFR REC INC QUE **1 2 3 4**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory

BTN	ITEM	RANGE	DEFAULT	REMARK
1	XFER (Transfer Call)	1 – 4	1	PLA priority is set *exclusively*
2	REC (Recall)	1 – 4	2	
3	INC (Incoming Call)	1 – 4	3	
4	QUE (Queued Call)	1 – 4	4	

TABLE 5.14.1 PLA Priority Setting (PGM 173)

6.15 RS-232C PORT SETTING (PGM 174)

PROCEDURE

RS232 PORT SETTING **PRESS FLEX_KEY (1-5)**	(1) **[TRANS/PGM]** + 174. To select a RS232C port, use the Flex. BTNs as Table 5.15.1. In ARIA-130, the range (1-3) will show.
COM1 PORT SETTING **F1:BD F2:CTS F3:BK F4:P**	(2) To program RS232 Port 1, press Flex. BTN 1. Then the entered COM port and related data will be displayed on LCD.
COM1 BAUDRATE **BAUDRATE: 19200**	● To program BAUDRATE, press Flex. BTN 1 and press one digit of 0-7 Then related data will be displayed on the LCD. Press the **[HOLD/SAVE]** button to save it.
COM1 CTS/RTS **(1:ON/0:OFF):OFF**	● To program CTS/RTS, press Flex. BTN 2 and press one digit of 0-1. Then the related data will be displayed on the LCD. Press the **[HOLD/SAVE]** button to save it.
COM1 PAGE BRK **(1:ON/0:OFF):OFF**	● To program PAGE BREAK, press Flex. BTN 3 and press one digit of 0-1. Then the entered data will be displayed on the LCD. Press the **[HOLD/SAVE]** button to save it.
COM1 LINE PAGE **(001-199) : 060**	● To program LINE PAGE, press Flex. BTN 4 and press three digit of 001-199. Then the entered data will be displayed on LCD. Press the **[HOLD/SAVE]** button to save it.
COM1 PORT SETTING **F1:BD F2:CTS F3:BK F4:P**	(3) Press the **[HOLD/SAVE]** button for updating database permanently.
COM1 PORT SETTING **F1:BD F2:CTS F3:BK F4:P**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory

BTN	ITEM	RANGE	DEFAULT	REMARK
1	COM1 Port Setting	Flex. BTN 1-4		
2	COM2 Port Setting	Flex. BTN 1-4		
3	COM3 - MODU Port Setting	Flex. BTN 1-4		
4	COM4 - MISB Port Setting	Flex. BTN 1-4		ARIA-300, Aria-600 Only
5	COM5 - MISB Port Setting	Flex. BTN 1-4		ARIA-300, Aria-600 Only

TABLE 5.15.1 Button Configuration for RS-232 Port Setting (PGM 174)

BTN	ITEM	RANGE	DEFAULT	REMARK
1	BAUDRATE	0-8(Note1)	19200	0: Unknown 1: Unknown 2: 1200 Baud 3: 2400 Baud 4: 4800 Baud 5: 9600 Baud 6: 19200 Baud 7: 38400 Baud 8: 57600 Baud
2	CTS/RTS	ON/OFF	OFF	
3	P-BREAK	ON/OFF	OFF	
4	LPP	001-199	060	

Note1) Aria-300 Only COM2 port can use 57600-baud rate with setting the baud rate value '8'.

TABLE 5.15.2 Button Configuration for COM Port (PGM 174)

6.16 PRINT PORT SELECTION (PGM 175)

PROCEDURE

PRINT PORT SELECTION **PRESS FLEX_KEY (01-12)**	(1) **[TRANS/PGM]** + 175. To select print port, use the BTNs as Table 5.16.1.
OFF LINE SMDR (01-13) **COM2 (02)**	● To program Off-line SMDR/STAT print mode, press Flex. BTN 1 and press two digits of 01-13. In ARIA-130, the range is 00-11. Then the entered digit and related data will be displayed on the LCD. Press the **[HOLD/SAVE]** button to save it.
ADMIN DATA (01-13) **COM2 (02)**	● To program Admin data print mode, press Flex. BTN 2 and press two digits of 01-13. In ARIA-130, the range is 00-11. Then the entered digit and related data will be displayed on the LCD. Press the **[HOLD/SAVE]** button to save it.
SMDI (01-13) **COM2 (02)**	● To program SMDI print mode, press Flex. BTN 4 and press two digits of 01-13. In ARIA-130, the range is 00-11. Then the entered digit and related data will be displayed on the LCD. Press the **[HOLD/SAVE]** button to save it.
ONLINE SMDR (01-13) **COM2 (02)**	● To program On-line SMDR mode, press Flex. BTN 6 and press two digits of 01-13. In ARIA-130, the range is 00-11. Then the entered digit and related data will be displayed on the LCD. Press the **[HOLD/SAVE]** button to save it.
TRACE (01-13) **COM2 (02)**	● To program TRACE mode, press Flex. BTN 7 and press two digits of 01-13. In ARIA-130, the range is 00-11. Then the entered digit and related data will be displayed on LCD. Press the **[HOLD/SAVE]** button to save it.
PRINT PORT SELECTION **PRESS FLEX_KEY (01-12)**	(2) Press the **[HOLD/SAVE]** button for updating database permanently.
PRINT PORT SELECTION **PRESS FLEX_KEY (01-12)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory

BTN	ITEM	RANGE		DEFAULT		REMARK	
		ARIA-300/600	ARIA-130	ARIA-300/600	ARIA-130	ARIA-300/600	ARIA-130
1	Off-line SMDR/ Statistics Print	01-13	01-11	COM2	COM1	01: COM1 02: COM2 03: COM3-MODU 04: COM4-MISB 05: COM5-MISB 06: TELNET 1 07: TELNET 2 08: TELNET 3 09: ISDN 10: NET_PCADM 11: NET_PCATD 12: NET_CTI 13: NET_REMOTE	01: COM1 02: COM2 03: COM3-MODU 04: TELNET 1 05: TELNET 2 06: TELNET 3 07: ISDN 08: NET_PCADM 09: NET_PCATD 10: NET_CTI 11: NET_REMOTE
2	Admin Print	01-13	01-11	COM2	COM1		
3	Traffic	01-13	01-11	COM2	COM1		
4	SMDI Print	01-13	01-11	COM2	COM1		
5	Call Information	01-13	01-11	COM2	COM1		
6	Info/On-line SMDR	01-13	01-11	COM2	COM1		
7	Trace	01-13	01-11	COM2	COM1		
8	Debug	01-13	01-11	COM2	COM1		
9	PC Admin	01-13	01-11	NET_PCADM			
10	PC Attendant	01-13	01-11	NET_PCATD			
11	CTI	01-13	01-11	NET_CTI			
12	Remote Diagnostic	01-13	01-11	NET_REMOTE			

TABLE 5.16.1 Button Configuration for Print Port Selection (PGM 175)

6.17 PULSE DIAL RATIO (PGM 176)

In ARIA-300/600/130, pulse dial speed ratio is set only for 10 PPS.

PROCEDURE

PULSE DIAL RATIO **(1:66/33 0:60/40) : 66/33**	(1) **[TRANS/PGM]** + 176.
PULSE DIAL RATIO **(1:66/33 0:60/40) : 60/40**	(2) To assign Pulse Dial Ratio, press the one digit 0-1 as TABLE 5.17.1. Then the selected value will be displayed on the LCD. (Ex. digit 0: 60/40)
PULSE DIAL SPD RATIO **(1:66/33 0:60/40) : 60/40**	(3) Press the **[HOLD/SAVE]** button for updating database permanently.

DGT	PULSE DIAL SPEED RATIO	REMARK
0	10 PPS 60/44 %	
1	10 PPS 66/33 %	Defaults
2	10 PPS 50/50 %	

TABLE 5.17.1 Button Configuration for Pulse Dial Speed Ratio (PGM 176)

6.18 SMDR ATTRIBUTES (PGM 177)

Station Message Detail Recording (SMDR) will provide details on both incoming and outgoing calls. As an assignable database option, if All Call record type is selected, incoming and outgoing local and long distance calls are all provided. If only Long Distance is selected, then only outgoing calls that meet the toll check status requirements listed below are provided.

PROCEDURE

SMDR ATTRIBUTES **PRESS FLEX_KEY (01-14)**	(1) **[TRANS/PGM]** + 177. To program SMDR attributes, use the BTNs as TABLE 5.18.1.
SMDR SAVE **(1 : ON/ 0: OFF) : OFF**	● To program SMDR save mode, press the Flex. BTN 1. The LCD will show the current related field status. User can change the value by pressing one digit. Press the **[HOLD/SAVE]** button to save it.
SMDR PRINT **(1 : ON/ 0: OFF) : ON**	● To program SMDR print mode, press the Flex. BTN 2. The LCD will show the current related field status. User can change the value by pressing one digit. Press the **[HOLD/SAVE]** button to save it.
RECORD TYPE **(1 : LD/ 0: ALL) : LD**	● To program SMDR recording call type, press the Flex. BTN 3. The LCD will show the current related field status. User can change the value by pressing one digit. Press the **[HOLD/SAVE]** button to save it.
LD CALL DGT CNT **(07-15) : 07**	● To program SMDR long distance call digit counter, press the Flex. BTN 4 and dial 2 digits. (Ex. 07) Then the LCD will be changed to the current related field status. Press the **[HOLD/SAVE]** button to save it.
PRINT INCOMING CALL **(1 : ON/ 0: OFF) : OFF**	● To program SMDR incoming call print mode, press the Flex. BTN 5. Then the LCD will show the current related field status. User can change the value by pressing one digit. Press the **[HOLD/SAVE]** button to save it.
PRINT LOST CALL **(1 : ON/ 0: OFF) : ON**	● To program SMDR lost call print mode, press the Flex. BTN 6. Then the LCD will show the current related field status. User can change the value by pressing one digit. Press the **[HOLD/SAVE]** button to save it.
RECORD IN DETAIL **(1 : ON/ 0: OFF) : ON**	● To program the record detailed SMDR, press the Flex. BTN 7. Then the LCD will show the current related field status. User can change the value by pressing one digit. Press the **[HOLD/SAVE]** button to save it.

HIDDEN DIALED DGT **(0 – 9) : 7**

- To program SMDR dial digit hidden, press the Flex. BTN 8 and dial one digit. (Ex. 7) Then the LCD will be changed to the current related field status. Press the **[HOLD/SAVE]** button to save it.

SMDR CURRENCY UNIT **ABC**

- To assign currency unit, press the Flex. BTN 9. Then the LCD will be changed to the current related field status. Refer to the English Character Set to enter currency unit. Press the **[HOLD/SAVE]** button to save it.

COST PER PULSE (6DGT) **000000**

- To program SMDR cost per unit pulse, press the Flex. BTN 10 and dial 6 digits. Then the LCD will be changed to the current related field status. Press the **[HOLD/SAVE]** button to save it.

SMDR FRACTION **(0-5) : 0**

- To program SMDR fraction, press the Flex. BTN 11 and dial one digit. Then the LCD will be changed to the current related field status. Press the **[HOLD/SAVE]** button to save it.

LONG DISTANCE CODE **0 .. ..**

- To program SMDR long distance codes, press the Flex. BTN 14. Then the current related field status on the LCD. Press 1-5 Flex. BTN and dial maximum 2 digits. Press the **[HOLD/SAVE]** button to save it.

SMDR ATTRIBUTES **PRESS FLEX_KEY (1-14)**

(2) Press the **[HOLD/SAVE]** button for updating database permanently.

SMDR ATTRIBUTES **PRESS FLEX_KEY (1-14)**

- Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory

BTN	ITEM	RANGE	DEFAULT	REMARK
1	SMDR Save Enable	ON/OFF	OFF	The system can be set to save SMDR record or not.
2	SMDR Print Enable	ON/OFF	OFF	The system can be set to real time print.
3	Long Distance / All Call Recorded	LD/All Call	LD	The system can be set to record either all outgoing calls or only long distance calls, exceeding time limit set by SMDR Start Timer. The long distance calls are identified by programmed SMDR long distance code (BTN 14).
4	SMDR Long Distance Call Digit Counter	07-15	07	If SMDR digit counter is more than this value, it is considered as long distance call.
5	Print Incoming Call	ON/OFF	OFF	If this option (PIC) is set to Enable, all incoming calls are printed with either all outgoing calls or long distance calls.
6	Print Lost Call	ON/OFF	ON	If this option (PLC) is set to Enable, all lost calls are printed with either unanswered or not.
7	Records in Detail	ON/OFF	ON	Due to limited system memory size, in places where many calls take place, the SMDR record buffer can easily saturated. So, if the customer doesn't need the detailed call information but total call, total metering count and total cost for individual station, then it is possible to save only the total accumulation, rather than the whole detailed records.
8	SMDR Dial Digit Hidden	0-9	0	According to this value, SMDR dial digit will be hidden and '*' symbol will be displayed instead of the hidden digits.
9	SMDR Currency Unit	3 Chars	-	For easy identification of call cost, the currency unit can be entered with 3 alphabet characters to be printed in front of call charge amount.
10	SMDR Cost Per Unit Pulse	6 digits	-	This is the call cost unit per cost metering pulse, which is sent from the Central Office.
11	SMDR Fraction	0-5	0	This value means the decimal position point of the cost per unit pulse.
12	SMDR Start Timer	000-250	000	1 sec base
13	SMDR Hidden Digit	Right/ Left	Right	Hide digits from right or left
14	SMDR Long Distance Codes	Flex. BTN 1 – 5	0	Max. 5 SMDR long distance codes are available. SMDR long distance code is 1 or 2 digit number. *By default, SMDR long distance code is 0.*
15	MSN Print	ON/OFF	OFF	

TABLE 5.18.1 Button Configuration for SMDR Attributes (PGM 177)

6.19 SYSTEM TIME/DATE SETTING (PGM 178)

In ARIA-130/300/600, date and time can be set by Admin programming, and it will be shown in the LCD of stations.

PROCEDURE

SET SYSTEM TIME/DATE **PRESS FLEX_KEY (1 - 2)**	(1) **[TRANS/PGM]** + 178.
SET SYSTEM TIME/DATE **TIME 12:30 (HH:MM)**	● To program the system time, press the Flex. BTN 1 and enter Hour/Minute (HHMM) in 24-hour format. Then the LCD will be changed to the current related field status.
SET SYSTEM TIME/DATE **DATE: 05/10/00 (MMDDYY)**	● To program the system date, press the Flex. BTN 2 and enter Month/Date/Year (MMDDYY) format. Then the LCD will be changed to the current related field status.
SET SYSTEM TIME/DATE **PRESS FLEX_KEY (1-2)**	(2) Press the **[HOLD/SAVE]** button for updating database permanently.
SET SYSTEM TIME/DATE **PRESS FLEX_KEY (1-2)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory

BIN	ITEM	RANGE	DEFAULT	REMARK
1	System Time	4 digits	-	Hour/Min in sequence
2	System Date	6 digits	-	Month/Day/Year in sequence

TABLE 5.19.1 System Time/Date Setting (PGM 178)

6.20 LINKED STATION PAIRS TABLE (PGM 179)

PROCEDURE

LINKED STA_PAIR **F1 : VIEW F2 : INPUT**	(1) **[TRANS/PGM]** + 179.
LINKED STA_PAIR **100 / 200**	(1) Press the Flex. BTN 2 and dial two station numbers sequentially to enter a linked station pair. The station number entered at left side will be master station, and the other will be the slave.
LINKED STA_PAIR **110 / 120**	● If entered station has linked station already, then linked station number will be displayed automatically. (Ex. When 110,120 is already linked pair, dial 110)
LINKED STA_PAIR **. . . . / . . . .**	(1) Press the **[HOLD/SAVE]** button for updating/saving current linked pair permanently. As this procedure, linked pairs can be assigned continuously. ● To delete linked station pair, press the **[SPEED]** button and the **[HOLD/SAVE]** button.
100 108 150 152 **110 155 151 160**	(2) When linked pairs are assigned, press Flex. BTN 1 to see the linked station pairs. Two station numbers of each column means linked pair (Ex. Master 100 & slave 110, 108 & 155, 150 & 151, 152 & 160). Press [▼] button to view the next 4 linked pairs. To enter another linked pair, press Flex. BTN 2, then the system goes to step (2).
ALL LINKED PAIRS DELETE **PRESS [HOLD/SAVE] BTN**	(3) To delete all linked pairs, press the **[SPEED]** button. If you press the **[SPEED]** button, confirmation message will be displayed. Press the **[HOLD/SAVE]** button, and all linked pairs will be deleted
LINKED STA_PAIR **F1 : VIEW F2 : INPUT**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory

BIN	ITEM	RANGE	DEFAULT	REMARK
1	Review Linked Station Pairs	100 – 399 (ARIA-300) 100 – 227 (ARIA-130) 1000-1599(Aria-600)	None	All Linked Station Pairs are displayed.
2	Enter Linked Pair	2 STA #	-	Master STA # / Slave STA #

TABLE 5.20.1 Linked Station Pairs (PGM 179)

Note: If you assign linked pair with wired station (DKT or SLT) and wireless station (WHTU), please assign wired station to be the master station.

6.21 CIDU SETTINGS (PGM 185)

To use CIDU (Analogue CO Line CLI Decoder), this admin program must be set.

PROCEDURE

CIDU SETTING **PRESS FLEX_KEY (1-5)**	(1) **[TRANS/PGM]** + 185.
CID USAGE **(1:ON/0:OFF):OFF**	(2) Press the flexible button 1, and enter the "CID USAGE" set field. Press dial '1' to enable the CID usage.
CID NAME DISPLAY **(1:NAME/0:TEL) : TEL**	(3) Press the flexible button 2, and enter the "CID NAME DISPLAY" set field. Press dial '1' to display the caller name, and press dial '0' to display ther caller telephone number.
SERIAL PORT SEL **(1-4) : COM1**	(4) Press the flexible button 3, and enter the "SERIAL PORT SEL" set field. Press dial 1~5 to set the serial port for CIDU connection. In LDK-100, the range of the serial ports is 1-2.
000 001 002 003 **001 002 003 004**	(5) To mapping the CIDU port and the analog CO line port, press the flexible button 4. Upper line of LCD messages is present the CIDU port number and the lower line is present the analog CO line port number.

BIN	ITEM	RANGE	DEFAULT	REMARK
1	CID Usage	ON / OFF	OFF	Set the CID usage enable.
2	CID Name Display	Name(1) / Telephone No.(0)	Telephone No.(0)	Set the LCD display message between the character name or the telephone number.
3	Serial Port Select	1-4 (LDK-300) 1-2 (LDK-100)	COM1	Set the serial port for CIDU connection.
4	CID/CO Line Port Mapping	000-063	-	Set the CIDU port and the analogue CO line port mapping.
5	Initialize CID Data			Initialize the CIDU admin.
6	CID type II Usage	ON / OFF	OFF	Set the CID type II usage

CIDU Setting (PGM 185)

7 SYSTEM TIMERS

7.1 SYSTEM TIMERS - Ⅰ (PGM 180)

PROCEDURE

SYSTEM TIMER 1 **PRESS FLEX KEY (01-22)**	(1) **[TRANS/PGM]** + 180.
	(2) To program, use the BTNs as TABLE 6.1.1. Press one of BTN 1-22 and enter related data. (LED of selected Flex. BTN will be lit.)
ATD RECALL TMR(min) **(00 – 60) : 01**	(3) To program the Attendant Recall Timer, press the Flex. BTN 1. The current value will be displayed on the LCD and user can enter a desired value. Then LCD shows the changed value.
SYSTEM TIMER 1 **PRESS FLEX KEY (01-22)**	(4) Press the **[HOLD/SAVE]** button for updating database permanently.
SYSTEM TIMER 1 **PRESS FLEX KEY (01-22)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	ITEM	RANGE	DEFAULT	REMARK
1	Attendant Recall Timer	00 – 60 (2 Digits)	01 (min)	Determines the amount of time before system disconnects the call
2	Call Park Recall Timer	000 – 600 (3 Digits)	120 (sec)	Determines the amount of time before a call placed in a call park location will recall the station placing the park.
3	Camp-on Recall Timer	000 – 200 (3 Digits)	030 (sec)	If a station transfers to busy station and hang up, this recall timer is assigned.
4	Exclusive Hold Recall Timer	000 – 300 (3 Digits)	060 (sec)	Determines the amount of time before a call placed on exclusive hold will recall the station placing the hold.
5	I-Hold Recall Timer	000 – 300 (3 Digits)	030 (sec)	Determines the amount of time before a call recalls the attendant.
6	Sys Hold Recall Timer	000 - 300 (3 Digits)	030 (sec)	Determines the amount of time before a call placed on system hold will recall the station placing the hold.
7	Transfer Recall Timer	000 - 300 (3 Digits)	030 (sec)	Determines the amount of time a transferred call will ring at the station receiving the transfer and how long it will recall the station transferring the call.
8	ACNR Delay Timer	000 - 300 (3 Digits)	030 (sec)	When ACNR Pause Timer expires and there is no available CO Line in the group, this timer is invoked. When ACNR Delay Timer expired, - Invoke ACNR Pause Timer if is no available CO line. Still, ACNR is activated.
9	ACNR No Answer Timer	10 - 50 (2 Digits)	30 (sec)	This timer is invoked after system detects CO ring back tone or voice from CO party. After this timer, system retries ACNR.

BTN	ITEM	RANGE	DEFAULT	REMARK
10	ACNR Pause Timer	005 - 300 (3 Digits)	030 (sec)	When expired, ACNR is activated.
11	ACNR Retry Counter	01 – 30 (2 Digit)	03	This is decreased every time station retries ACNR, ACNR is canceled if it set to 0.
12	ACNR No Tone Retry Counter	1 – 9 (1 Digit)	1	The number of retry count to detect tone.
13	ACNR Tone Detect Timer	000 –300 (3 Digits)	030 (sec)	This timer is invoked upon completion of dialing and system considers the CO party is busy when the CPTU cannot detect the valid tone type until this timer expires.
14	Automatic CO Release Timer	020 –300 (3 Digits)	030 (sec)	Uncompleted CO line call will be automatically released after this timer.
15	CCR Inter-digit Timer	000 - 255 (3 Digits)	030 (100ms)	This field is used for the CCR inter-digit timer in the DISA/DID CO line. In DID type 2, it is used for DID inter-digit timer.
16	CO Call Drop Warning Timer	00 - 99 (2 Digits)	10 (sec)	If prepaid money is going to expire during a CO line conversation, system will give warning tone and after this time the call will be disconnected. This timer is also used for call drop warning in Unsupervised Conference.
17	CO Call Restriction Timer	00 - 99 (2 Digits)	0 (min)	Outgoing CO line call is allowed for this time.
18	CO Dial Delay Timer	00 - 99 (2 Digits)	01 (100ms)	Voice connection to the outside party will be made after this timer. This can be used to prevent illegal dialing in case of slow response from the Central Office Line or PBX.
19	CO Release Guard Timer	001 – 150 (3 Digits)	020 (100ms)	This timer controls the time necessary to guarantee idle loop state when the line is released.
20	CO Ring Off Timer	010 -150 (3 Digits)	060 (100ms)	This timer is to secure time interval between incoming ringing signals so that the active ringing can be lasted in the system until this timer is expired.
21	CO Ring On Timer	1 – 9 (1 Digit)	2 (100ms)	This timer controls the time necessary to detect an outside line as ringing into the system.
22	CO Warning Tone Timer	060 – 900 (3 Digits)	180 (sec)	Determines the amount of time before receiving warning tone in order to remind the call elapsed time in case of outgoing CO line conversation (Only for Korea).

TABLE 6.1.1 Button Configuration for System Timers - I (PGM 180)

7.2 SYSTEM TIMERS - II (PGM 181)

PROCEDURE

SYSTEM TIMER 2 **PRESS FLEX KEY (01-17)**

(1) **[TRANS/PGM]** + 181.

(2) To program, use the BTNs as TABLE 6.2.1. Press one of BTN 1-13 and enter related data. (LED of selected Flex. BTN will be lit.)

CFW NO ANS TMR(sec) **(000 – 255) : 015**

(3) To program the Call Forward No Answer Timer, press the Flex. BTN 1. The current status will be displayed on the LCD and user can enter a desired value. Then LCD shows the changed value

SYSTEM TIMER 2 **PRESS FLEX KEY (01-17)**

(4) Press the **[HOLD/SAVE]** button for updating database permanently.

SYSTEM TIMER 2 **PRESS FLEX KEY (01-17)**

- Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	ITEM	RANGE	DEFAULT	REMARK
1	Call Forward No Answer Timer	000 -255 (3 Digits)	015 (sec)	The Call Forward busy/no answer feature will occur with this timer. If this timer has a non-zero value and an extension is set at busy, no answer forward by station user then the extension will ring for this timer and take place a forward to the next.
2	DID/DISA No Answer Timer	00 -99 (2 Digits)	20 (sec)	A DID call will be forwarded attendant if the station is busy or does not answer within this time.
3	VMIB User Record Timer	010 – 255 (3 Digits)	20 (sec)	The time duration of VMIB user greeting
4	VMIB Valid User Message Timer	0-9 (1 Digits)	4 (sec)	The time duration of valid VMIB user message In case of 0, No message can be recorded.
5	Door Open Timer	05 –99 (2 Digits)	20 (100ms)	Determines the length of time that is needed to activate door open relay for the setting time.
6	ICM Box Timer	00 -60 (2 Digits)	30 (sec)	Determines the amount of time programmed stations will ring when ICM box user presses the [CALL] button.
7	ICM Dial Tone Timer	01-20 (2 Digits)	10 (sec)	If action is not taken within ICM dial tone timer, user will hear error-tone.
8	Inter Digit Timer	01-20 (2 Digits)	05	The time between digits cannot exceed Inter-digit timer, or error tone is received.
9	MSG Wait Reminder Tone Timer	00 -60 (2 Digits)	00	Determines the amount of time between repeated reminder tones to a key telephone with a message waiting.

BTN	ITEM	RANGE	DEFAULT	REMARK

10	Paging Timeout Timer	000 –255 (3 Digits)	15	Determines the maximum time of a page. The system will automatically disconnect the page at the end of this time unless the caller has hung up earlier.
11	Pause Timer	1 – 9 (1 Digit)	3	Determines the length of the pause for use with automatically sent digits or other speed dialing.
12	Preset Call Forward Timer	00 – 99 (2 Digits)	10	After this timer expires, incoming call will be forwarded to a predetermined station. This entry works with Preset Forward Assignments in station attributes. More than one station can be forwarded to the same destination.
13	SLT DTMF Release Timer	00 – 20 (2 Digits)	00	
14	3SOFT AUTO RLE TIMER	01-30	05	
15	VM PAUSE TMR	01-90	30 (100ms)	
16	Transfer Connect TMR	01-30	04	
17	VMIB msg Fwd/Rew(sec)	1 - 99	17	

7.3 SYSTEM TIMERS - III (PGM 182)

PROCEDURE

SYSTEM TIMER 3 **PRESS FLEX KEY (01-12)**	(1) **[TRANS/PGM]** + 182.
	(2) To program, use the BTNs as TABLE 6.3.1. Press one of BTN 1-12 and enter related data. (LED of selected Flex. BTN will be lit.)
STA AUTO RLS TMR (sec) **(020 – 300) : 060**	(3) To program the Station Auto Release Timer, press the Flex. BTN 5. The current status will be displayed on the LCD and user can enter a desired value. Then LCD shows the changed value.
SYSTEM TIMER 3 **PRESS FLEX KEY (01-12)**	(4) Press the **[HOLD/SAVE]** button for updating database permanently.
SYSTEM TIMER 3 **PRESS FLEX KEY (01-12)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	ITEM	RANGE	DEFAULT	REMARK
1	SLT Hook Switch Bounce Timer	01-25 (2 Digits)	01 (100ms)	Determines the length of time that is needed to regard as a valid on-hook or off-hook (for SLT).
2	SLT Maximum Hook Flash Timer	01-25 (2 Digits)	05 (100ms)	Determines how long the user could depress the hook switch in order for it to be considered a FLASH (Timed-Break Recall) (for SLT).
3	SLT Minimum Hook Flash Timer	000 -250 (3 Digits)	020 (10ms)	The minimum bound time that system considers as hook flash for SLT.
4	SLT Ring Phase Timer	2 – 5 (1 Digit)	5 (sec)	Determines the ring phase of SLT. (5 SEC: 1SEC ON / 4SEC OFF)
5	Station Auto Release Timer	020 – 300 (3 Digits)	060 (sec)	If a station hears ring back tone and no action is taken, this timer is assigned. When this timer is expired, the station is released.
6	Unsupervised Conference Timer	00 - 99 (2 Digits)	10 (min)	Determines the amount of the time an unsupervised conference can continue after the initiator of the conference has exited the conference.
7	Wake-Up Fail Ring Timer	00 - 99 (2 Digits)	20 (sec)	After a Wake-up fail ring invokes on system attendant, the alarm ring exists during this timer. Then if this timer expires, the alarm ring will be disappeared.
8	Warm Line Timer	010 - 200 (2 Digits)	05 (sec)	User takes no action after lifting handset or pressing the [MON] button and warm line timer is expired, then idle line selection for warm line is activated.
9	Wink Timer	010 -200 (3 Digits)	010 (10ms)	The time duration of seize acknowledge signal to DID line.
10	Enblock Digit timer	01-20 (2 Digits)	15 (sec)	After timer is expired, setup is sent.
11	CCR Time Out Timer	000-300	015(sec)	When this timer is expired, CCR is activated.
12	DID Inter Digit Timer	01-20	03	In DID type2, used as digit timer
13	FAX Tone Detect Timer	01-10 sec	5sec	Tone detect time for Auto FAX detect – Aria-24 ONLY

14	FAX CO Call Timer	1-5 min	-	Line will be disconnected if not answered within this time – Aria-24 ONLY

TABLE 6.3.1 Button Configuration for System Timers - III (PGM 182)

7.4 CIDU SETTING (PGM 185)

To use CIDU(Analog CO Line CLI Decoder), this admin program must be set.

PROCEDURE

CIDU SETTING **PRESS FLEX_KEY (1-5)**	(1) **[TRANS/PGM]** + 185.
CID USAGE **(1:ON/0:OFF):OFF**	(2) Press the flexible button 1, and enter the "CID USAGE" set field. Press dial '1' to enable the CID usage.
CID NAME DISPLAY **(1:NAME/0:TEL) : TEL**	(3) Press the flexible button 2, and enter the "CID NAME DISPLAY" set field. Press dial '1' to display the caller name, and press dial '0' to display ther caller telephone number.
SERIAL PORT SEL **(0-4) : NOT ASG**	(4) Press the flexible button 3, and enter the "SERIAL PORT SEL" set field. Press dial 1~5 to set the serial port for CIDU connection.In LDK-100, the range of the serial ports is 1-2.
000 001 002 003 **001 002 003 004**	(5) To mapping the CIDU port and the analog CO line port, press the flexible button 4. Upper line of LCD messages is present the CIDU port number and the lower line is present the analog CO line port number.

BIN	ITEM	RANGE	DEFAULT	REMARK
1	CID Usage	ON / OFF	OFF	Set the CID usage enable.
2	CID Name Display	Name(1) / Telephone No.(0)	Telephone No.(0)	Set the LCD display mesage between the character name or the telephone number.
3	Serial Port Select	0-4 (LDK-300/300E) 0-2 (LDK-100)	NOT ASG	Set the serial port for CIDU connection. Required to use CID box.
4	CID/CO Line Port Mapping	000-063	-	Set the CIDU port and the analog CO line port mapping. Required to use CID box.
5	Initialize CID Data			Initialize the CIDU admin.
6	CID type II Usage	ON / OFF	OFF	Set the CID type II usage

TABLE 7.4.1 CIDU Setting (PGM 185)

8 DCOB ATTRIBUTE (PGM 186 - PGM 187)

Not Applicable for Australia

9 STATION GROUP PROGRAMMING (PGM 190 - PGM 191)

Stations in the system can be grouped so that incoming calls will search (hunt) for an idle station in the group. Three hunting processes can be assigned; Circular, Terminal, or UCD (Uniform Call Distribution). Each of the system's groups is assigned as a function; Call Pick-Up Group and/or Hunt Group, Voice Mail Group, and Ring Group. The available group number and station number in a group is as follows:

System	ARIA – 300	ARIA – 100
No. of Group	48	15
STA No. in a Group	64	32

1. A station can belong to any number of Pickup groups, but can only belong to one Station Hunt group, Voice mail group or Ring group.

2. When assigning a station group to any type of hunt group or voice mail group, ring, pick up group, the system initializes hunt attributes by default value for it's own function. It can be programmed to meet each customer's individual need.

9.1 STATION GROUP ASSIGN (PGM 190)

PROCEDURE

STATION GRP ASSIGN **ENT HUNT NO (620 – 667)**	(1) **[TRANS/PGM]** + 190. In ARIA-130, the range is 620-634.
STATION GRP 620 **F1:TYPE F2:PKUP F3:MEM**	(2) Enter Station Group Number(Ex 620). Then user can set the type, pick-up feature and member of the selected group. First, press Flex. BTN 1 and set Type. (see TABLE 8.1.1)
STATION GRP 620 **NOT ASSIGNED (0-6)**	(3) To select Type, press one digit of 0 – 6 (Ex. 1).
STATION GRP 620 **CIRCULAR GROUP (0-6)**	(4) To save, press the **[HOLD/SAVE]** button for updating database.
GROUP 620 PICK-UP **(1:ON/0:OFF) : OFF**	(5) To set pick_up feature of the Circular Group, press Flex. BTN 2 and enter the desired value.
STATION GRP 620 **F1:TYPE F2:PKUP F3:MEM**	(6) To assign member of the Circular Group, press Flex. BTN 3.
CIRCULAR 620	(7) Choose one of 4 Flex. BTNs, and enter station number step by step or enter the station range (Ex: 100120).

STATION GRP 620 **F1:TYPE F2:PKUP F3:MEM**

(8) Press the **[HOLD/SAVE]** button for updating database permanently. User can set another group by going step (1).

STATION GRP 620 **F1:TYPE F2:PKUP F3:MEM**

- Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

DGT	ITEM	RANGE	DEFAULT	REMARK
1	Group Type	0-6	0	0: Not Assigned 1: Circular 2: Terminal 3: UCD 4: Ring 5: VM 6: Pick up 7: Net VM (Aria-600 Only)
2	Pick-up Attribute	ON/OFF	OFF	OFF
3	Member assignment	Not Assigned	-	First, group type should be assigned.

TABLE 8.1.1 Button Configuration for Station Group Type (PGM 190)

9.2 STATION GROUP ATTRIBUTE (PGM 191)

CIRCULAR / TERMINAL GROUP ATTRIBUTE

The features of Terminal Group are same as that of Circular Group.

PROCEDURE

STATION GRP ASSIGN **ENT HUNT NO (620 – 667)**	(1) **[TRANS/PGM]** + 191. In ARIA-130, 620-634 is displayed. ***Note:*** *To program this, first, assign a station group to Circular/ Terminal hunt group by PGM 190.*
CIRC GRP 621 **PRESS FLEX_KEY (01-13)**	(2) Enter Station Group Number *(Ex. 621, If user sets 621 to Circular or Terminal group).* Press one of 13 Flex. BTNs and enter desired value of the group feature.
CIRC 621 ANNC 1 TMR **(000 - 999) : 015**	(3) To assign VMIB Announce 1 Timer, press Flex. BTN 1 and enter three digits. Press the **[HOLD/SAVE]** button to save it.
CIRC 621 ANNC1 LOC **VMIB MSG … (00 – 70)**	(4) To assign VMIB Announce Location 1, press Flex. BTN 3 and enter two digits (VMIB Msg Number). Press the **[HOLD/SAVE]** button to save it.
CIRC 621 ANNC1 LOC **VMIB MSG 065 (#) (00 – 70)**	(5) To drop the call after VMIB announcement, dial digit '#'. Press the **[HOLD/SAVE]** button to save it.
CIRC 621 ANNC2 RPT TMR **(000 - 999) : 000**	(6) To assign VMIB Announce 2 Repeat Timer, press Flex. BTN 5 and enter three digits. Press the **[HOLD/SAVE]** button to save it.
CIRC 621 OVFLOW DEST **STA/HUNT/VMIB (1-4)**	(7) To assign Overflow Destination, press Flex. BTN 7 and enter one digit. ● Dial '1' to enter station number, ● Dial '2' to enter Hunt group number, ● Dial '3' to enter VMIB number ● Dial '4' to enter SYS SPD number ● Press the **[SPEED]** button for deleting. Press the **[HOLD/SAVE]** button to save it.
CIRC 621 OVERFLOW DEST **STA 105**	● For example, enter digit 1, and enter the station number (Ex. 105) as Overflow Destination. Press the **[HOLD/SAVE]** button to save it.
CIRC 621 OVERFLOW TMR **(000 - 600) : 180**	(8) To assign Overflow Timer, press Flex. BTN 8 and enter three digits. Press the **[HOLD/SAVE]** button to save it.
CIRC 621 NO ANS TMR **(00 – 99) : 15**	(9) To assign No Answer Timer, press Flex. BTN 10 and enter two digits (00-99). Press the **[HOLD/SAVE]** button to save it.
CIRC 621 PILOT HUNT **(1 : ON/ 0: OFF) : OFF**	(10) To assign Pilot Hunt, press Flex. BTN 11 and enter desired value. Press the **[HOLD/SAVE]** button to save it.
CIRC 621 ALT IF NO MBR **(1 : ON/ 0: OFF) : OFF**	(11) To assign Alternative if No Member, press Flex. BTN 12 and enter desired value. Press the **[HOLD/SAVE]** button to save it.

CIRC 621 MUSIC SRC
(00 – 12) : 00

(12) To assign Music Source, press Flex. BTN 13 and enter two digits. In ARIA-130, the range is 00-11. Press the **[HOLD/SAVE]** button to save it.

CIRC GRP 621
PRESS FLEX_KEY (01-13)

(13) Terminal Group feature is just same as Circular group. Press the **[HOLD/SAVE]** button for updating database permanently. For another group's setting, first assign type of group number by PGM 190 and go step (1) and continue this process.

CIRC GRP 621
PRESS FLEX_KEY (01-13)

- Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	ITEM	RANGE	DEFAULT	REMARK
1	VMIB Announce 1 Timer	000-999	015 (sec)	If this timer expires after a call is received in the group, the system announces the greeting if exists.
2	VMIB Announce 2 Timer	000-999	000 (sec)	The second announcement can be provided if the call continues to wait beyond the 2nd announcement timer.
3	VMIB Announce Location 1	00-70	00 (Not Assigned)	This is used to announce greeting when the VMIB announce 1 timer is expired.
4	VMIB Announce Location 2	00-70	00 (Not Assigned)	This is used to announce greeting when the VMIB announce 2 timer is expired if assigned.
5	VMIB Announce 2 Repeat	000-999	000 (sec)	This is used to repeat VMIB announce 2 when the timer is expired. (000: Not assigned)
6	VMIB Announce 2 Repeat Enable/Disable	ON/OFF	OFF	This is used to enable or disable VMIB Announce 2 Repeat.
7	Overflow Destination	STA #./ HUNT #./ VMIB # / SYS SPD #		The call to a station in the group will continue to route until answered or each station in the group has been tried. The call will remain at the last station in the group or will be passed to this overflow station/group/ VMIB/System Speed bin.
8	Overflow Timer	000-600	180 (sec)	If this timer expires after a call is received in the group, the call is routed to the overflow destination.
9	Wrap-up Timer	002-999	002 (sec)	A station in a hunt group is maintained in a busy state for min. 2 seconds after any call and for hunt group calls for the assigned wrap-up time.
10	No Answer Timer	00-99	15 (sec)	In circular/terminal hunt, calls to a station in the group will go to the station, if unavailable or unanswered in this no answer time, the call is directed to the next station in the group.
11	Pilot Hunt	ON/OFF	ON	A circular/terminal hunt group can be assigned with a pilot number (the station group) so that only calls to the pilot number will hunt.
12	Alt If No Member	ON/OFF	OFF	If there is no member on duty, ICM call will be dropped or CO incoming call will be routed to ATD.
13	Music Source	00-11(12)	00 (Not Assigned)	If music source is assigned, calling user will be heard music instead of ring back tone. 00: Not assigned 01: Internal Music 02~04: External Music 5~6(7): VMIB BGM 7(8)-11(12): SLT MOH

TABLE 8.2.1.1 Button Configuration for Circular/Terminal Group Attribute (PGM 191)

UCD GROUP ATTRIBUTE

PROCEDURE

STATION GRP ASSIGN **ENT HUNT NO (620 – 667)**	(1) **[TRANS/PGM]** + 191. In ARIA-130, 620-634 is displayed. ***Note:*** *To program this, first, assign a station group to UCD hunt group by PGM 190.*
UCD GRP 623 **PRESS FLEX_KEY (01-19)**	(2) Enter Station Group Number *(Ex 623, If user set 623 to UCD group at PGM 190).* Press one of 19 Flex. BTNs and enter desired value of the group feature.
UCD 623 ANNC 1 TMR **(000 – 999) : 000**	(3) To assign VMIB Announce 1 Timer, press Flex. BTN 1 and enter three digits. Press the **[HOLD/SAVE]** button to save it.
UCD 623 ANNC1 LOC **VMIB MSG . . . (00 – 70)**	(4) To assign VMIB Announce Location 1, press Flex. BTN 3 and enter two digits (VMIB MSG Number). Press the **[HOLD/SAVE]** button to save it.
UCD 623 ANNC2 RPT TMR **(000 – 999) : 000**	(5) To assign VMIB Announce 2 Repeat, press Flex. BTN 5 and enter three digits. Press the **[HOLD/SAVE]** button to save it.
UCD 623 ACD WARN TONE **(1 : ON/ 0: OFF) : OFF**	(6) To assign ACD Warning Tone, press Flex. BTN 12 and enter desired value. Press the **[HOLD/SAVE]** button to save it.
UCD 623 ALTER DEST **(STA/HUNT)**	(7) To assign Alternate Destination, press Flex. BTN 14 and enter one digit. ● Dial '1' and enter station number, ● Dial '2' and enter Hunt group number, ● Press the **[SPEED]** button for deleting. Press the **[HOLD/SAVE]** button to save it.
UCD 623 SUPERVISOR **STA ...**	(8) To assign Supervisor, press Flex. BTN 17 and enter station number. ● Press the **[SPEED]** button for deleting. Press the **[HOLD/SAVE]** button to save it.
100 110 123 124 **0 0 0 0**	(9) To assign UCD priority, press Flex. BTN 18 and press Flex. BTN 1-4 to enter the priority (0 – 9).
UCD GRP 623 **PRESS FLEX_KEY (01-19)**	(10) Press the **[HOLD/SAVE]** button for updating database permanently. For another group's setting, first assign the type of the group number by PGM 190 and go step (1) and continue this process.
UCD GRP 623 **PRESS FLEX_KEY (01-19)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	ITEM	RANGE	DEFAULT	REMARK
1	VMIB Announce 1 Timer	000 – 999 (3 Digits)	015 (sec)	If all stations in the group are busy when a call is received for the group, the call may continue to wait (queue) for an available station in the group. If queued, the call may be sent to a UCD announcement when the queue period exceeds the 1st announcement Timer. If the timer is set to 0 the call will receive the full first announcement prior to the hunting process (guaranteed announcement).
2	VMIB Announce 2 Timer	000 - 999 (3 Digits)	000 (sec)	The second announcement can be provided if the call continues to wait beyond the 2nd announcement timer.
3	VMIB Announce Location 1	00-70	00 (Not Assigned)	Each station hunt group can be assigned an announcement, which is played when the call is first received. The announcement may be assigned as VMIB.
4	VMIB Announce Location 2	00-70	00 (Not Assigned)	The second announcement can be provided after VMIB Announce 2 Timer.
5	VMIB Announce 2 Repeat	000-999	000 (sec)	This is used to announce VMIB announce 2 when the timer is expired.
6	VMIB Announce 2 Repeat Enable/Disable	ON/OFF	OFF	This is used to enable or disable VMIB Announce 2 Repeat.
7	Overflow Destination	STA #./ STA Grp #/ VMIB# / SYS SPD #	-	The queued call may be taken out of the group and directed to an overflow destination (Station/Hunt/VMIB/ System Speed bin).
8	Overflow Timer	000 - 600 (3 Digits)	180 (sec)	If this timer expires after a call is received in the group, the call is routed to the overflow destination.
9	Wrap-up Timer	002 - 999 (3 Digits)	002 (sec)	A station in a hunt group is maintained in a busy state for min. 2 seconds after any call for the assigned wrap-up time.
10	Alt If No Member	ON/OFF	OFF	If there is no member on duty, ICM call will be dropped or CO incoming call will be routed to ATD
11	Music Source	00-11(12)	00	If music source is assigned, calling user will be heard music instead of ring back tone. 00: Not assigned 01: Internal Music 02~04: External Music 5~6(7): VMIB BGM 7(8)-11(12): SLT MOH
12	ACD Warning Tone	ON/OFF	ON	Determines that the ACD supervisor monitors an agent with warning tone or without warning tone
13	Alternate destination	STA No/ HUNT #	-	When a call is received in the group and there is no available station in the group, then the call will be routed to this destination if assigned.
14	Supervisor Timer	000 – 999 (3 Digits)	030 (sec)	When the queued timer is longer than this timer, the number of queued lines will be displayed onto supervisor's LCD.
15	Supervisor Call Count	00 - 99 (2 Digits)	00	If the number of queued calls is more than this call count, the supervisor timer will be started.
16	ACD Queued Call	ON/OFF	OFF	Show the number of queued call to supervisor keyset
17	Max Que Call Cnt	00-99	00	
18	Supervisor	STA #	-	Station No. of Supervisor
19	UCD hunt Stations' Priority	0 - 9 (1 Digit)	0	UCD group member's priority

TABLE 8.2.2.1 Button Configuration for UCD Group Attribute (PGM 191)

RING GROUP ATTRIBUTE

PROCEDURE

STATION GRP ASSIGN **ENT HUNT NO (620 – 667)**	(1) **TRANS/PGM]** + 191. In ARIA-130, 620-634 is displayed. ***Note:*** *To program this, first, assign a station group to Ring hunt group by PGM 190.*
RING GRP 624 **PRESS FLEX_KEY (1-10)**	(2) Enter Station Group Number *(Ex. 624, If user set 624 to Ring group).* Press one of 10 Flex. BTNs and enter desired value of the group feature.
RING 624 ANNC 1 TMR **(000 – 999) : 015**	(3) To assign VMIB Announce 1 Timer, press Flex. BTN 1 and enter three digits.
RING 624 ANNC1 LOC **VMIB MSG . . . (00 – 70)**	(4) To assign VMIB Announce Location 1, press BTN 3 and enter VMIB number. Press the **[HOLD/SAVE]** button to save it.
RING 624 ANNC 2 RPT **(1 : ON/ 0: OFF) : OFF**	(5) To assign VMIB Announce 2 Repeat E/D, choose flex BTN 6 and enter desired value. Press the **[HOLD/SAVE]** button to save it.
RING 624 MUSIC SRC **(00 – 12) : 00**	(6) To assign Music Source, choose flex BTN 10 and enter two digits. In ARIA-130, the range is 00-11. Press the **[HOLD/SAVE]** button to save it.
RING GRP 624 **PRESS FLEX_KEY (1-10)**	(7) Press the **[HOLD/SAVE]** button for updating database permanently. For another group's setting, first assign type of a group number by PGM 190 and go step (1) and continue this process.
RING GRP 624 **PRESS FLEX_KEY (1-10)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	ITEM	RANGE	DEFAULT	REMARK
1	VMIB Announce 1 Timer	000-999	015 (sec)	If this timer expires after a call is received in the group, the system announces the greeting if exists.
2	VMIB Announce 2 Timer	000-999	000 (sec)	The second announcement can be provided if the call continues to wait beyond the 2nd announcement timer.
3	VMIB Announce Location 1	00-70	00 (Not Assigned)	This is used to announce the greeting when the VMIB announce 1 timer is expired.
4	VMIB Announce Location 2	00-70	00 (Not Assigned)	This is used to announce the greeting when the VMIB announce 2 timer is expired.
5	VMIB Announce 2 Repeat	000-999	000 (sec)	This is used to announce the greeting 2 when the timer is expired. (1 Sec Base)
6	VMIB Announce 2 Repeat Enable/Disable	ON/OFF	OFF	This is used to enable or disable VMIB Announce 2 Repeat.
7	Overflow Destination	STA#./ HUNT#/ VMIB# / SYS SPD #		The call to a station in the group will continue to route until answered or each station in the group has been tried. The call will remain at the last station in the group or will be passed to this overflow destination (Station/Hunt/VMIB/System Speed bin).
8	Overflow Timer	000-600	180 (sec)	If this timer expires after a call is received in the group, the call is routed to the overflow destination.
9	Wrap Up Timer	002-999 (3 digits)	002 (sec)	A station in a hunt group is maintained in a busy state for min. 2 seconds after any call for the assigned wrap-up time.
10	Music Source	00-11(12)	00	If music source is assigned, calling user will be heard music instead of ring back tone. 00: Not assigned 01: Internal Music 02~04: External Music 5~6(7): VMIB BGM 7(8)-11(12): SLT MOH
11	Max. Queued Call Count	00-99	00	Maximum number of queued call in the ring group

TABLE 8.2.3.1 Button Configuration for Ring Group Attribute (PGM 191)

VM GROUP ATTRIBUTE

PROCEDURE

STATION GRP ASSIGN **ENT HUNT NO (620 – 667)**	(1) **[TRANS/PGM]** + 191. In ARIA-130, 620-634 is displayed. ***Note :*** *To program this, first, assign a station group to VM group by PGM 190.*
VM GRP 626 **PRESS FLEX_KEY (1-7)**	(2) Enter Station Group number *(Ex. 626, If user sets 626 to VM group).* Press one of 7 Flex. BTNs and enter desired value of the group feature.
VM 626 WRAP UP TMR **(006 – 999) : 002**	(3) To assign Wrap-up Timer, press Flex. BTN 1 and enter three digits. Press the **[HOLD/SAVE]** button to save it.
VM 626 PUT MAIL INDEX **(1 – 4) : 1**	(4) To assign Put Mail Index, press Flex. BTN 2 and enter one digit (1-4). Press the **[HOLD/SAVE]** button to save it.
VM 626 HUNT TYPE **(1 : CIRC/ 0 : TERM) : TERM**	(5) To assign Hunt Type, press Flex. BTN 4 and enter desired value. Press the **[HOLD/SAVE]** button to save it.
VM 626 OVERFLOW DEST **STA/HUNT/VMIB (1-4)**	(6) To assign Overflow Destination, press Flex. BTN 7 and enter one digit. ● Dial '1' to enter station number, ● Dial '2' to enter Hunt group number, ● Dial '3' to enter VMIB number, ● Dial '4' to enter System Speed number. ● Press the **[SPEED]** button for deleting. Press the **[HOLD/SAVE]** button to save it.
VM 626 OVERFLOW DEST **STA 147**	● For example, dial 1 and enter station number 147. Press the **[HOLD/SAVE]** button to save it.
VM GRP 626 **PRESS FLEX_KEY (1-7)**	(7) Press the **[HOLD/SAVE]** button for updating database permanently. For another group's setting, first assign type of a group number by PGM 190 and go step (1) and continue this process.
VM GRP 626 **PRESS FLEX_KEY (1-7)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	ITEM	RANGE	DEFAULT	REMARK
1	Wrap-up Timer	002-999 (3 Digits)	002 (sec)	A station in a hunt group is maintained in a busy state for min. 2 seconds after any call and for hunt group calls for the assigned wrap-up time.
2	Put Mail Index	1 -4	1	This index is one of the voice mail dialing tables
3	Get Mail Index	1 -4	2	This index is one of the voice mail dialing tables
4	Hunt Type	CIRC /TERM	TERM	1: Circular Hunt Group 0: Terminal Hunt Group
5	SMDI Port	01-13 (Aria-300, Aria-600) 01-11 (Aria-130)	02 (Aria-300, Aria-600) 01 (Aria-130)	
6	Overflow Timer	000 -600 (3 Digits)	180 (sec)	If this timer expires after a call is received in the group, the call is routed to the overflow destination.
7	Overflow Destination	STA #/ HUNT #/ VMIB# / SYS SPD #	-	The call to the group will continue to be reroute until reaching the last station in the group where the call will remain or can be sent to this overflow destination (Station/Hunt group/VMIB/ System Speed bin).

TABLE 8.2.4.1 Button Configuration for Voice Mail Group Attribute (PGM 191)

PICK-UP GROUP ATTRIBUTE

PROCEDURE

STATION GRP ASSIGN **ENT HUNT NO (620 – 667)**	(1) **[TRANS/PGM]** + 191. In ARIA-130, 620-634 is displayed. ***Note:*** *To program this, first, assign a station group to Pick Up group by PGM 190.*
PICK UP GRP 625 **PRESS FLEX_KEY (1-2)**	(2) Enter Station Group number *(Ex. 625, If user sets 625 to Pick-up group).* Press one of 2 Flex BTNs and enter desired value of the group feature.
PICK UP 625 AUTO PICK UP **(1 : ON/ 0: OFF) : OFF**	(3) To assign Auto Pick-up, press Flex. BTN 1 and enter desired value. Press the **[HOLD/SAVE]** button to save it.
PICK UP 625 ALL RING **(1 : ON/ 0: OFF) : OFF**	(4) To assign All Ring, press Flex. BTN 2 and enter desired value. Press the **[HOLD/SAVE]** button to save it.
PICK UP GRP 625 **PRESS FLEX_KEY (1-2)**	(5) Press the **[HOLD/SAVE]** button for updating database permanently. For another group's setting, first assign type of a group number by PGM 190 and go step (1) and continue this process.
PICK UP GRP 625 **PRESS FLEX_KEY (1-2)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	ITEM	RANGE	DEFAULT (LED)	REMARK
1	Auto Pickup	ON/OFF	OFF	If a hunt member is ringing, another hunt member can pickup the call automatically only by pressing [MON] button or off-hook.
2	All Ring	ON/OFF	OFF	When a hunt member that is Tone mode is ringing, all other stations are ringing also. Auto Pickup feature must be set before All Ring is set.

TABLE 8.2.5.1 Button Configuration for Pick-up Group Attribute (PGM 191)

10 ISDN PROGRAM

If ISDN system parameters are to be changed, press the **[TRANS/PGM]** button and dial 200-202. When programming, LCD and LEDs indicate current programmed data and programming status. The programmer enters correct data, then LCD and LEDs show the entered data and the data is stored in the temporary buffer area. *Pressing the* **[HOLD/SAVE]** *button, all data in the temporary buffer (same as LCD/LEDs show their status) are stored into permanent ISDN memory.*

10.1 ISDN ATTRIBUTE (PGM 200)

PROCEDURE

SYSTEM ISDN ATT **PRESS FLEX KEY (1-11)**	(5) **[TRANS/PGM]** + 200. If user wants to program the ISDN system attributes press one of Flex. BTNs of 1-11.
CO ATD CODE (2DGT) **. .**	(6) To program the CO Attendant code, press the Flex. BTN 2 and dial max. 2 digits.
IN PREFIX CODE INS **(1:ON/0:OFF) : OFF**	(7) To program the Incoming Prefix Code Insertion, press the Flex. BTN 3. Then the current status will be displayed on the LCD.
ISDN LINE TYPE **(1:U/0:A): A_LAW**	(8) To select ISDN Line Type, press the Flex. BTN 5 and dial 0 or 1. (1: μ-LAW 0: A-LAW)
INTERNATION ACC CODE **0011**	(9) To program the International Access Code, press the Flex. BTN 7. Then the current status will be displayed on the LCD. To change the data, dial the desired value (Max. 4 digits).
SYSTEM ISDN ATTRIB. **PRESS FLEX KEY (1-11)**	(10) Press the **[HOLD/SAVE]** button for updating database permanently.
SYSTEM ISDN ATTRIB. **PRESS FLEX KEY (1-11)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	ITEM	RANGE	DEFAULT	REMARK
1	Advice of Charge	0-6	0	0: Do not service AOC 1: Italy and Spain 2: Finland 3: Australia 4: Belgium 5: Standard 6: Netherlands
2	CO ATD Code	Max. 2 Digits	-	According to PGM114 – BTN 5, CO ATD code or station number can be contained to CLI, COLP message.
3	Incoming prefix code Insertion	ON/OFF	OFF(NO)	**See PGM 146** If this field is ON, prefix code will be attached in front of incoming phone number.
4	Outgoing prefix code Insertion	ON/OFF	ON (YES)	**See PGM 146** If this field is ON, prefix code will be attached in front of outgoing phone number.
5	ISDN Line Type	μ-Law/ A-Law	A-Law (OFF)	**See PGM 146** Installed ISDN Back bone type
6	CLI print	ON/OFF	OFF (NO)	If this field is ON, the CLI will be sent to RS-232C port regardless setting the CLIP.
7	International Access Code	Max. 4Digits	-	International Access Code Assign
8	Calling Sub-address	ON/OFF	OFF (NO)	**See PGM 146**
9	My Area Code	Max. 6 Digits	-	Local area code
10	My Area Prefix Code	Max. 4 Digits	-	Prefix code of local area code
11	Maintain DID Name	ON/OFF	OFF	
12	PC Application DEST STA	Station range	100	Enter the station number for remote ISDN/CAPI access

TABLE 9.1.1 ISDN Attributes Table (PGM 200)

10.2 COLP TABLE (PGM 201)

PROCEDURE

COLP TABLE ENTRY **ENTER BIN NO (00 – 49)**	(1) **[TRANS/PGM]** + 201.
COLP TABLE 05 **…….**	(2) To program COLP table, dial Bin No (00 – 49).
COLP TABLE ENTRY **ENTER BIN NO (00 – 49)**	(3) Press the **[HOLD/SAVE]** button for updating database permanently.
COLP TABLE ENTRY **ENTER BIN NO (00 – 49)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	ITEM	DEFAULT	RANGE	REMARK
	COLP	-	Max. 10 digits	In CO PGM part, PGM 143-BTN1, BTN3 indicate an entry of this COLP table index.

TABLE 9.2.1 COLP Table (PGM 201)

10.3 MSN TABLE (PGM 202)

PROCEDURE

MSN TABLE ATT **ENTER BIN NO (000 – 249)**	(1) **[TRANS/PGM]** + 202.
MSN TABLE 125 **PRESS FLEX_KEY (1 – 4)**	(2) To enter MSN table, dial the digits (Ex. 125).
MSN TABLE 125 **COL NO : 001**	(3) To enter CO line number, press Flex. BTN 1 and the dial digits (Ex. 001).
MSN TABLE 125 **INDEX : 100**	(4) To enter index number of PGM 231, press Flex. BTN 2, and dial the index number (Ex. 100).
MSN TABLE 125 **SUB NO : 1**	(5) To enter Sub-address number, press Flex. BTN 3, and dial Sub-address number (Ex. 1).
TABLE 125 MSN NUMBER **……..**	(6) To enter Incoming MSN telephone number, press Flex. BTN 4 and dial MSN number that is provided by PX.
MSN TABLE ATT **ENTER BIN NO (000 – 249)**	(7) Press the **[HOLD/SAVE]** button for updating database permanently.
MSN TABLE ATT **ENTER BIN NO (000 – 249)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	ITEM	RANGE	DEFAULT	REMARK
1	CO Line Range	01-40 (ARIA-130) 001-200 (ARIA-300) 001-400 (Aria-600)	None	
2	Index of Flexible DID Table	000-999	None	If Incoming CO line number and MSN number are matched or only MSN number is matched with Table entry, it will follow the assigned Flexible DID Table.
3	Sub Number	0-9	None	MSN Subscriber number
4	MSN Number	20 Digits	None	ISDN Incoming MSN number
5	Block same MSN Incoming	ON/OFF	OFF	Incoming callers to a busy MSN will receive busy tone.

TABLE 9.3.1 Button Configuration of MSN Table (PGM 202)

10.4 ISDN Attributes II (PGM 203) Aria-24 ONLY

BTN	ITEM	RANGE	DEFAULT	REMARK
1	TEI type	Fixed/Auto	Auto	This value controls the type of Terminal Equipment Identification.
2	Service Type	Keypad/Functional	Keypad	This sets the service type for ISDN supplementary services.
3	Hold Code	Max. 10 digits	*75#	This stores the code for ISDN supplementary HOLD.
4	Retrieve Code	Max. 10 digits	*76#	This stores the code for ISDN supplementary RETRIEVE.

11 LCR

To program LCR, press the **[TRANS/PGM]** button and dial 220 - 223. There are 4 parts in the LCR table. User can program general database, LCR access mode, day zone and time zone by PGM 220. PGM 221 is for Leading Digit Table and PGM 222 is for Digit Modification Table. The stored database for LCR may be initialized by PGM 223.

11.1 LCR ATTRIBUTES (PGM 220)

PROCEDURE

LCR CONTROL ATTRIBUTES **PRESS FLEX_KEY (1-5)**	(1) **[TRANS/PGM]** + 220.
LCR ACCESS MODE (1-6) **(M00) DISABLE LCR**	(2) Flex BTN 1: Change LCR access mode Dialing digit 1-6, the LCD will show the changed value M00, M01, M02, M11, M12 or M13. See the Table 10.1.1.
LCR ACCESS MODE (1-6) **(M02) INT AND LOOP LCR**	● For example, dial 3 and press the **[HOLD/SAVE]** button to save the changed data.
DAY ZN 1:1234567 2: 3: **M1 T2 W3 T4 F5 SA6 SU7**	(3) Flex BTN 2: Set the day-of-week zone To set the day zone, dial the associated zone number following the Flex. BTN related with weekday. (BTN 1 for MON, BTN 2 for TUE, BTN 3 for WED, etc.) For example, if you want to set Saturday as zone 2, then press BTN 6, dial 2 and press the **[HOLD/SAVE]** button.
DAY ZN 1:123457 2:6 3: **MON : ZONE 3 (1–3)**	● Confirmation tone is heard and the LCD will be changed. Ex) To set the Monday as zone 3, press BTN 1. LCD shows current zone of Monday. And dial the desired zone 3. The changed value will be displayed on the LCD.
DAY ZN 1:23457 2:6 3:1 **M1 T2 W3 T4 F5 SA6 SU7**	● Press the **[HOLD/SAVE]** button. Confirmation tone is heard and LCD will be changed.
TIME ZONE 1 **1:00-24 2: . .-. . 3: . .-. .**	(4) Flex BTN 3: Set the time-of-day zone 1
TOD1 (24HOUR FORM) **1:00-24 2:..-.. 3:..-..**	● To enter value, choose the zone by pressing Flex. BTN and dial the time range (BTN1 for zone 1, BTN 2 for zone 2, BTN 3 for zone 3). For example, if you want to set time zone as Zone 1: 08-18 Zone 2: 18-24 Zone 3: 24-08, then, press BTN 1, dial 0818 and press the **[HOLD/SAVE]** button, BTN 2, dial 1824 and **[HOLD/SAVE]** button, and press BTN 3, dial 2408, and **[HOLD/SAVE]** button.

TOD1 (24HOUR FORM) **1:08-18 2:18-24 3:..-..**

- Pressing the **[HOLD/SAVE]** button, LCD will be changed in order with confirmation tone.

TIME ZONE 2 **1:00-24 2: . .-. . 3: . .-. .**

(5) Flex BTN 4: Set the time-of-day zone 2

TOD1 (24HOUR FORM) **1:00-24 2:..-.. 3:..-..**

- To enter value, choose zone by pressing Flex. BTN and dial the time range.

TIME ZONE 3 **1:00-24 2: . .-. . 3: . .-. .**

(6) Flex BTN 5: Set the time-of-day zone 3. To enter value, choose zone by pressing Flex. BTN and dial the time range.

LCR CONTROL ATTRIBUTES **PRESS FLEX_KEY (1-5)**

- Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	ITEM	RANGE	DEFAULT	REMARK
1	LCR Access	M00/01/02/11/12/13	Disable (M00)	■ LCR Access Mode 00 (M00): Disable LCR ■ LCR Access Mode 01 (M01): only Loop LCR. ■ LCR Access Mode 02 (M02): Internal and Loop LCR. ■ LCR Access Mode 11 (M11) : Loop and Direct CO LCR ■ LCR Access Mode 12 (M12): Internal, Loop and Direct CO LCR ■ LCR Access Mode 13 (M13): Internal, Loop, Direct CO and Direct Loop LCR
2	Day Zone	Zone : 1 - 3 Day : 1 - 7	Assigned to Zone 1	First, select day and choose zone
3	Times of Day Zone 1	Time 1 : 00 – 24 Time 2 : . . – . . Time 3 : . . – . .	Belongs to Zone 1	ARIA accepts it as same value for 00 and 24 and changes to “00”, if input is 24 as starting value and vice versa. **Note :* The time not belonging to any zone will be considered as zone 1 **Note* : 10 - 13 means 10:00:00 - 12:59:59
4	Times of Day Zone 2	Time 1 : 00 – 24 Time 2 : . . – . . Time 3 : . . – . .	Belongs to Zone 2	As above for time zone 2
5	Times of Day Zone 3	Time 1 : 00 – 24 Time 2 : . . – . . Time 3 : . . – . .	Belongs to Zone 3	As above for time zone 3

TABLE 10.1.1 LCR Table (PGM 220)

11.2 LEADING DIGIT TABLE (PGM 221)

PROCEDURE

LDT TABLE **ENTER LDT BIN (000)**	(1) **[TRANS/PGM]** + 221. Dial bin number 000 – 249. (000 means that LDT is empty.)
000 BOTH CD: . . . . . . **DMT: . . . .**	(2) Program the Leading Digit Table ■ Press BTN 1 to select one of BOTH, INT, COL. ■ CD: Dial the leading digits following BTN 2 ■ DMT (dependent to day/time zone) For Day zone 1 : Press BTN 3 and 6 digits (6 digits: each pair (2 digits) means the index to the DMT for the each time zone 1/2/3) For Day zone 2: Press BTN 4 and 6 digits For Day zone 3: Press BTN 5 and 6 digits (The **[SPEED]** button is used to erase the entered data in BTN 2, BTN 3 BTN 4 and BTN 5. Press the **[SPEED]** button and press the **[HOLD/SAVE]** button to erase the data.)
	Note: 1. If the entered data is correct, system will sort the data set by some criteria. (Code/LCR Type/DMT Index) So, when user programs PGM 221 to enter LDT values, the first available bin will be displayed. 2. When user enters data, the updated data will be displayed on the LCD. But the time that actually ARIA system accepts and sort the data is when the condition (described in Note.1) is satisfied. 3. The modified one may be stored into a different bin, since ARIA ascending sort for the faster lookup. 4. Refer to the Index of DMT *(See the Table 9.2.1)*
LDT 000 : LCR TYPE **LCR MODE : COL (3)**	(3) Flex BTN 1: Change LCR access mode Dial one digit 1-3 to select INT(1), COL(2) or BOTH(3). Press the **[HOLD/SAVE]** button to save the changed data.
000 COL CD: . . . . . . **DMT: . . . .**	● Confirmation tone is heard and updated data will be displayed on the LCD.
LDT 000 : LCR CODE **1234567**	(4) Flex BTN 2: Dial Leading digits Press the **[HOLD/SAVE]** button to save the changed data.
000 BOTH CD: 1234567E **DMT: . . . .**	● Confirmation tone is heard and updated data will be displayed on the LCD.
LDT 000 : DAY ZONE 1 DMT **INDEX(6DGT): . . . . . .**	(5) Flex BTN 3: Set the time-of-day zone 1 To enter each time zone (1/2/3), dial 6 digits continuously.

LDT 000 : DAY ZONE 1 DMT **INDEX(6DGT): 00 99 55**

- Press the **[HOLD/SAVE]** button to update the data.

000 BOTH CD: 1234567E **DMT: 009955 . . . .**

- Confirmation tone is heard and updated data will be displayed on the LCD.

LDT 000 : DAY ZONE 2 DMT **INDEX(6DGT): . . . . . .**

(6) Flex BTN 4: Set the time-of-day zone 2
To enter each time zone (1/2/3), dial 6 digits continuously.

LDT 000 : DAY ZONE 1 DMT **INDEX(6DGT): 12 34 56**

- Press the **[HOLD/SAVE]** button to update the data.

000 BOTH CD: 1234567E **DMT: 009955 123456 . . . . . .**

- Confirmation tone is heard and updated data will be displayed on the LCD.

LDT 000 : DAY ZONE 2 DMT **INDEX(6DGT): . . . . . .**

(7) Flex BTN 5: Set the time-of-day zone 3
To enter each time zone (1/2/3), dial 6 digits continuously.

LDT 000 : DAY ZONE 1 DMT **INDEX(6DGT): 22 33 44**

- Press the **[HOLD/SAVE]** button to update the data.

000 BOTH CD: 1234567E **DMT: 009955 123456 223344**

- Confirmation tone is heard and updated data will be displayed on the LCD.

011 BOTH CD: 1234567E **DMT: 009955 123456 223344**

Note: When pressing the **[HOLD/SAVE]** button in individual program mode, if system already has LDT data sets and input data can be accepted and sorted, the system will return another bin after sorting the data set.

LDT TABLE **ENTER LDT BIN (000)**

- Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	ITEM	RANGE	DEFAULT	REMARK
1	LCR Type	(1) INT (2) COL (3) BOTH	BOTH	■ INT: look up this entry only for internal dialing ■ COL: look up this entry only after dialing CO Access Code ■ BOTH: look up this entry for both INT and COL.
2	CD (Leading digit Code)	12 digits	None	To be compared with the dialed digits by user.
3	Day Zone 1 DMT	6 digits	None	Each Day Zone has 3 time zones Time Zone 1: 2 Digits Time Zone 2: 2 Digits Time Zone 3: 2 Digits
4	Day Zone 2 DMT	6 digits	None	
5	Day Zone 3 DMT	6 digits	None	
6	Check Password	0: Off 1: On	Off	

TABLE 10.2.1 Leading Digit Table (PGM221)

11.3 DIGIT MODIFICATION TABLE (PGM 222)

PROCEDURE

DMT TABLE **ENTER DMT BIN (00-99)**	(1) **[TRANS/PGM]** + 222. Dial bin number 00 – 99
55 A: . . . . . . **RP01 NR00 AP01 CG01 AD . .**	■ A (Added digit stream) Dial the digit stream following BTN 1. ■ RP (Removal Position) Dial xx following BTN 2. ■ RN (Removal Number of digits of code in each table) Dial xx following BTN 3. ■ AP (Add Position) Dial xx following BTN 4. ■ CG (CO group) Dial CO group xx following BTN 5. ■ AD (Alternative DMT index) Dial xx following BTN 6. *(See Table 9.3.1)*
DMT 55 : ADDED DGT **. . . . . .**	(2) Flex BTN 1: Set the Added digit stream
DMT 55 : ADDED DGT **1234567890**	● Dial digits (to 25 digits) To erase the entered data, press the **[SPEED]** button. Press the **[HOLD/SAVE]** button to update the changed data.
55 A: 1234567890E **RP01 NR00 AP01 CG01 AD . .**	● Confirmation tone is heard and updated data will be displayed on the LCD.
DMT 55 REMOVAL POSITION **(01-12) : 01**	(3) Flex BTN 2: Set the Removal Position Dial 2 digits (01-12).
55 A: 1234567890E **RP10 NR00 AP01 CG01 AD . .**	● For example, dial 10 and press the **[HOLD/SAVE]** button. Confirmation tone is heard and updated data will be displayed on the LCD.
DMT 55 NUM OF REMOVE **DIGITS (01-12) : 00**	(4) Flex BTN 3: Set the Removal Number of digits of code in each table. Dial 2 digits (01-12).
55 A: 1234567890E **RP10 NR07 AP01 CG01 AD . .**	● For example, dial 07, and press the **[HOLD/SAVE]** button. Confirmation tone is heard and updated data will be displayed on the LCD.
DMT 55 ADD POSITION **(01-13) : 01**	(5) Flex BTN 4: Set the Add Position Dial 2 digits (01-13).

55 A: 1234567890E
RP10 NR07 AP05 CG01 AD . .

- For example, dial 05, and press the **[HOLD/SAVE]** button. Confirmation tone is heard and updated data will be displayed on the LCD.

DMT 55 CO GROUP
(01-72) : 01

(6) Flex BTN 5: Set the CO group. In ARIA-130, the range is 01-24.
Dial 2 digits.

55 A: 1234567890E
RP10 NR07 AP05 CG10 AD . .

- For example, dial 10, and press the **[HOLD/SAVE]** button. Confirmation tone is heard and updated data will be displayed on the LCD.

DMT 55 ALT INDEX
(00-99) : . .

(7) Flex BTN 6: Set the Alternative DMT index.
Dial 2 digits (00-99).

55 A: 1234567890E
RP10 NR07 AP05 CG10 AD 77

- For example, dial 77, and press the **[HOLD/SAVE]** button. Confirmation tone is heard and updated data will be displayed on the LCD.

DMT TABLE
ENTER DMT BIN (00-99)

- Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.
- To erase the value in every step, press the **[SPEED]** button and press the **[HOLD/SAVE]** button.

BTN	ITEM	RANGE	DEFAULT	REMARK
1	Added Digit Stream	20 digits	None	■ Normal digits (0 .. 9, * , #) ■ Special characters [CALLBK]: Pause [DND/FOR]: Dial-tone-detection instead of pause [FLASH]: Billing code (Station Number)
2	Removal Position	01-12	01	Index to CD stream in Lead table to be removed
3	Number of digits to be removed	00-12	00	Removes digits in CD stream up to this count.
4	Add Position	01-13	01	Determines the position of CD stream after removal, where the stream will be inserted.
5	CO Group	01-72 (ARIA-300, Aria-600) 01-24 (ARIA-130)	01	Determines which CO group is used for LCR dialing
6	Alternative DMT Index	00-99	None	Determines alternative DMT index when there is no idle CO line in the selected CO group.

TABLE 10.3.1 Digit Modification Table (PGM222)

11.4 LCR TABLE INITIALIZATION (PGM 223)

PROCEDURE

INITIALIZE LCR DB **PRESS FLEX_KEY (1-6)**	(1) **[TRANS/PGM]** + 223.
ENTER DMT INIT VAL(6) **DAY ZONE 1: . . . . . .**	(2) Flex. BTN 1: Initialize all DMT index of Day Zone 1 in LDT.
ENTER DMT INIT VAL(6) **DAY ZONE 1: 00 11 22**	● Dial 6 digits continuously. And press the **[HOLD/SAVE]** button to initialize the data.
INITIALIZE LCR DB **PRESS FLEX_KEY (1-6)**	● Confirmation tone will be heard and the system goes to previous menu.
ENTER DMT INIT VAL(6) **DAY ZONE 2: . . . . . .**	(3) Flex. BTN 2: Initialize all DMT index of Day Zone 2 in LDT.
ENTER DMT INIT VAL(6) **DAY ZONE 2: 55 77 99**	● Dial 6 digits continuously. And press the **[HOLD/SAVE]** button to initialize the data.
ENTER DMT INIT VAL(6) **DAY ZONE 3: . . . . . .**	(4) Flex BTN 3: Initialize all DMT index of Day Zone 3 in LDT.
ENTER DMT INIT VAL(6) **DAY ZONE 3: 88 44 22**	● Dial 6 digits continuously. And press the **[HOLD/SAVE]** button to initialize the data.
INITIALIZE LCR DB **PRESS FLEX_KEY (1-6)**	● Confirmation tone will be heard and the system goes to previous menu.
ENTER CO GRP INIT VAL **. .**	(5) Flex BTN 4: Initialize all CO group of DMT.
ENTER CO GRP INIT VAL **23**	● Dial 2 digits(01-72 in ARIA-300, 01-24 in ARIA-130). (Ex. Dial 23) And press the **[HOLD/SAVE]** button to initialize the data
INITIALIZE LCR DB **PRESS FLEX_KEY (1-6)**	● Confirmation tone will be heard and the system goes to previous menu.
ENTER ALT INDEX INIT VAL **. .**	(6) Flex BTN 5: Initialize alternative DMT index.
ENTER ALT INDEX INIT VAL **77**	● Dial two digits (00-99). (Ex. Dial 77) And press the **[HOLD/SAVE]** button to initialize the data

INITIALIZE LCR DB **PRESS FLEX_KEY (1-6)**	● Confirmation tone will be heard and the system goes to previous menu.
INITIALIZE ALL LCR ?	(7) Flex BTN 6: Initialize all LCR. Press the **[HOLD/SAVE]** button to initialize all LCR.
INITIALIZE LCR DB **PRESS FLEX_KEY (1-6)**	● All LCR database are set to default values. Confirmation tone will be heard and the system goes to previous menu.
INITIALIZE LCR DB **PRESS FLEX_KEY (1-6)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory ● To erase the value in every step, press the **[SPEED]** button and press the **[HOLD/SAVE]** button.

BTN	ITEM	RANGE	DEFAULT	REMARK
1	DMT Of Day_zone_1	6 digits		Time1: 2digit
2	DMT Of Day_zone_2	6 digits		Time2: 2digit
3	DMT Of Day_zone_3	6 digits		Time3: 2digit
4	CO Grp Init	1 – 72 (ARIA-300, Aria-600) 1 – 24 (ARIA-130)		
5	Alt Index Init	0 - 99		
6	Init All LCR			

TABLE 10.4.1 Digit Modification Table (PGM222)

12 TOLL TABLE

To program Toll Tables, press the **[TRANS/PGM]** button and dial 224 - 226. Toll tables are used to have access to certain toll free calls as well as being denied certain calls for the stations assigned Station COS. Exception table A & B allow the station that is programmed in STA COS 2, 3 & 4 to have access to certain toll free calls as well as being denied certain calls.

12.1 TOLL EXCEPTION TABLE (PGM 224)

The Allow/Deny Tables are organized into 2 sets of tables to support 2 different toll plans at one installed site. Each allow/deny table may contain up to 30 number strings. All bins of allow and deny tables have no entries by default. Each number string can contain up to 14 entries including any number 0-9, *, #, "Don't care".

The following rules should be remembered when setting up the Allow/Deny Tables:

(1) If the tables have no entries, no restriction is applied.
(2) If entries are made in the allow table and only there, then only those numbers are allowed.
(3) If entries are made in the deny table and only there, then only those numbers are denied.
(4) If there are entries in both tables, the allow table is searched at first and if number is found, it is allowed. If not found, the deny table is searched and if number is found, it is denied. If it is not found in either table, it is allowed.

RULE	ENTRY		CONDITIONS & RESULT	
	ALLOW	DENY	ALLOW TABLE	DENY TABLE
1	Not Exist	Not Exist	No Restriction	No Restriction
2	Exist	Not Exist	Found - allowed Not found - denied	-
3	Not Exist	Exist	-	Found - denied Not found - allowed
4	Exist	Exist	Found - allowed Not found – check deny table	Found - denied Not Found - allowed

TABLE 11.1.1 Allow/Deny Rules (PGM 224)

PROCEDURE

TOLL EXCEPTION TABLES **PRESS FLEX_KEY (1-8)**	(1) **[TRANS/PGM]** + 224.
	(2) To program Toll Exception Tables, use the Flex. BTNs as TABLE 11.1.2.
ALLOW TABLE A **ENTER BIN NO (01-30)**	(3) Press a Flex. BTN to program a table. (Ex. Press BTN 1: Allow Table A)
ALLOW TABLE A **BIN 01: . . . . . .**	(4) Dial bin number. Refer to TABLE 10.1.3 and enter data. Each entry can be entered up to 14 digits
	(5) To delete exception number, press the **[SPEED]** button and the **[HOLD/SAVE]** button.
ALLOW TABLE A **ENTER BIN NO (01-30)**	(6) Press the **[HOLD/SAVE]** button for updating database permanently.
ALLOW TABLE A **ENTER BIN NO (01-30)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	ITEM	ENTRY	DEFAULT	REMARK
1	ALLOW A	01 – 30	-	Max 14 digits
2	DENY A	01 – 30	-	Max 14 digits
3	ALLOW B	01 – 30	-	Max 14 digits
4	DENY B	01 – 30	-	Max 14 digits
5	ALLOW C	01 - 50	-	Max 14 digits
6	DENY C	01 - 50	-	Max 14 digits
7	ALLOW D	01 - 50	-	Max 14 digits
8	DENY D	01 - 50	-	Max 14 digits

TABLE 11.1.2 Button Configuration for Toll Tables (PGM 224)

VALID DATA	FUNCTION	LCD DISPLAY
0 - 9, *, #	Numbers	as dialed
[DND/FWD]	Don’t Care	'D'

TABLE 11.1.3 Data Entry of Toll Table (PGM 224)

12.2 CANNED TOLL TABLE (PGM 225)

In addition to the basic toll restrictions, stations with a COS 5 or 6 are subject to dial restrictions based on the "Canned" Allow and Deny Tables. This program permits entries in the Canned Toll Tables. Both the Allow and Deny table have 20 bins up to 14 digits.

PROCEDURE

CANNED TOLL TABLES **PRESS FLEX_KEY (1-2)**	(1) **[TRANS/PGM]** + 225.
	(2) To program Canned Toll Tables, use the BTNs as TABLE 11.2.1.
ALLOW TABLE **ENTER BIN NO (01-20)**	(3) Press a Flex. Button to program a table. (Ex. Press BTN 1: Allow Table)
ALLOW TABLE **BIN 01: . . . . . .**	(4) Dial bin number. Refer to TABLE 10.2.2 and enter data. Each entry can be up to 14 digits.
	● To delete the number, press the **[SPEED]** button and the **[HOLD/SAVE]** button.
ALLOW TABLE **ENTER BIN NO (01-20)**	(5) Press the **[HOLD/SAVE]** button for updating database permanently.
ALLOW TABLE **ENTER BIN NO (01-20)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	ITEM	ENTRY	DEFAULT	REMARK
1	ALLOW	01 – 20	-	Max. 14 digits
2	DENY	01 – 20	-	Max. 14 digits

TABLE 11.2.1 Button Configuration for Canned Toll Table (PGM 225)

VALID DATA	FUNCTION	LCD DISPLAY
0 - 9, *, #	Number	as dialed
[DND/FWD]	Don't Care	'D'

TABLE 11.2.2 Data Entry of Canned Toll Table (PGM 225)

12.3 EMERGENCY CODE TABLE (PGM 226)

The emergency code table is used for emergency call service. All stations, regardless of COS, can dial the emergency codes in this table.

PROCEDURE

EMERGENCY SVC CALL **ENTER BIN NO (01 - 10)**	(1) **[TRANS/PGM]** + 226.
EMERGENCY SVC CALL **BIN 01: . . . . . .**	(2) Dial 2 digits of 01-10. (Ex. 01)
EMERGENCY SVC CALL **BIN 01: 00119**	(3) To assign emergency call number, dial the desired digits. (Ex. 00119)
EMERGENCY SVC CALL **BIN 01: 00119**	(4) Press the **[HOLD/SAVE]** button for updating database permanently.
EMERGENCY SVC CALL **ENTER BIN NO (01 - 10)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	ITEM	ENTRY	DEFAULT	REMARK
1	Emergency Code Table	01 – 10	-	Max digit: 14

TABLE 11.3.1 Button Configuration for Emergency Code Table (PGM 226)

13 TABLES

To program TABLES, press the **[TRANS/PGM]** button and dial 227 - 235.

13.1 AUTHORIZATION CODE TABLE (PGM 227)

Trunk groups can be marked to deny access until a matched Authorization code is entered. In this case, DND warning tone is provided when the trunk group access code is dialed. If the dialed Authorization code is verified, you will hear CO dial tone. Otherwise, you will hear error tone and cannot access the group. The authorization codes can be entered by stations or admin programming. Authorization code is fixed 5 digits. Administrator can see and change station's password. There can be no duplicate entries. *By default, Authorization Codes are not assigned at all.* In ARIA-300 (130) system, the total number of Authorization Codes is 600(164) entries.

PROCEDURE

AUTHOR CODE **ENTER BIN NO (001 - 600)**	(1) **[TRANS/PGM]** + 227. In ARIA-130, 001-164 is displayed, In Aria-300, Aria-600, 001-600 is displayed.
AUTHOR CODE **001 : . . . . .**	(2) Enter entry number of authorization code. (Ex. 001) LCD shows current assigned Authorization code.
AUTHOR CODE **001 : 12345**	(3) To assign authorization code, enter 5-digits code. If there are no code duplication in the system, then entered code will be displayed on the LCD, otherwise error tone will be given. To delete authorization code, press the **[SPEED]** button. (Ex. 12345)
AUTHOR CODE **ENTER BIN NO (001 -600)**	(4) Press the **[HOLD/SAVE]** button for updating database permanently.
AUTHOR CODE **ENTER BIN NO (001 -600)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

13.2 CUSTOM CALL ROUTING (PGM 228)

PROCEDURE

CUSTOM CALL ROUTING **SELECT CCR TABLE (01-70)**	(1) **[TRANS/PGM]** + **228**. To select CCR Table number, dial 01~70.
CUSTOM CALL ROUTING : 01 **PRESS FLEX KEY (1-10)**	(2) To select each entry number of CCR table, press Flex. BTN 1~10, then the entered data will be displayed on the LCD.
CUSTOM CALL ROUTING : 01 **INPUT 1 : ...**	(3) To program call routing destination, dial destination type as follow; 01 – STA 02 – HUNT 03 – VMIB 04 – VMIB DROP 05 – SYSTEM SPEED DIAL 06 – INTERNAL PAGE 07 – EXTERNAL PAGE 08 – ALL CALL PAGE 09 – Net Number 10 – CONFERENCE ROOM
CUSTOM CALL ROUTING : 01 **INPUT 1 : STA 100**	● To program station number, dial the station number. (Ex. Dial station number '100')
CUSTOM CALL ROUTING : 01 **INPUT 1 : HUNT GRP 621**	● To program Hunt Group, dial a hunt group number. (Ex. Dial Hunt group 621.)
CUSTOM CALL ROUTING : 01 **INPUT 1 : VMIB ANNC 1**	● To program system announcement, dial a VMIB system announcement number.
CUSTOM CALL ROUTING : 01 **INPUT 1 : VMIB ANNC 10 (#)**	● To program system drop the CO line after providing the announcement, dial a VMIB system announcement number and dial “**#**”.
CUSTOM CALL ROUTING : 01 **INPUT 1 : SYS SPD 2000**	● To program System Speed Dial, dial a system speed bin number. (Ex. Dial Speed bin 2000.)
CUSTOM CALL ROUTING : 01 **INPUT 1 : INT PAGE 4**	● To program Internal Page, dial an internal page number. (Ex. Dial 4.)
CUSTOM CALL ROUTING : 01 **INPUT 1 : EXT PAGE 2**	● To program External Page, dial an external page number. (Ex. Dial 2.)

CUSTOM CALL ROUTING : 01
INPUT 1 : ALL 1

- To program All Call Page, dial an all call page number. (Ex. Dial 1.)

CUSTOM CALL ROUTING : 01
INPUT 1 : ...

(4) To delete the content of entry, press the **[SPEED]** button.

CUSTOM CALL ROUTING : 01
INPUT 1 : VMIB ANNC 1

(5) Press the **[HOLD/SAVE]** button for updating database permanently.

CUSTOM CALL ROUTING
SELECT CCR TABLE (01-70)

- Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

TYPE (DIGIT)	TYPE	RANGE	DEFAULT	REMARK
01	Station	STA #	-	
02	Hunt Group	HUNT #	-	
03	VMIB	Announce #	-	
04	VMIB Drop	Announce #		
05	System Speed	2000-3499 (Aria-130) 2000-4999 (Aria-300) 2000-6999 (Aria-600)	-	
06	Internal Page	1 - 10 (Aria-130) 1 – 30 (Aria-300 Aria-600)	-	
07	External Page	1 – 3	-	
08	All Call Page	1 – 3	-	1: INT All Page 2: EXT All Page 3: All Page
09	Net Number	Net Number	-	
10	Conference Room	1-9	-	

TABLE 12.2.1 Custom Call Routing Table (PGM 228)

13.3 EXECUTIVE / SECRETARY TABLE (PGM 229)

There are a number of Executive/Secretary pairs available for assignment so that when the executive designated station is in DND state, intercom calls and transfers will be automatically routed to the designated secretary station. *By default, Executive/Secretary Pairs are not assigned at all.* In ARIA-300 (130), system supports 36(12) Executive/Secretary pairs.

PROCEDURE

EXEC/SEC PAIRS **ENTER BIN NO (01-36)**	(1) **[TRANS/PGM]** + 229. In ARIA-130, 01-12 is displayed.
EXEC/SEC PAIRS **PAIR 1 . . . ./. . . .**	(2) Select one of Exec/Sec pairs number. (Ex Pair 1: Dial 01 for bin number 1).
EXEC/SEC PAIRS **PAIR 01 101/105**	(3) To assign Exec/Sec pair, Dial Executive station number and Secretary station number sequentially, then Exec/Sec pair will be displayed on the LCD. (Ex. Exec/Sec:101/105). To delete Exec/Sec pair, press the **[SPEED]** button.
EXEC/SEC PAIRS **ENTER BIN NO (01-36)**	(4) Press the **[HOLD/SAVE]** button for updating database permanently.
EXEC/SEC PAIRS **ENTER BIN NO (01-36)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	ITEM	RANGE	DEFAULT	REMARK
	Executive/Secretary Table	STA #	-	

TABLE 12.3.1 Executive/Secretary Table (PGM 229)

13.4 FLEXIBLE DID TABLE (PGM 231)

This table is for flexible DID table service.

PROCEDURE

FLEX DID CONV TABLE **ENTER BIN NO (000 – 999)**	(1) **[TRANS/PGM]** + 231. To enter flexible DID table, dial digits (000-999). (Ex. 001)
TALBE BIN 001 **PRESS FLEX KEY (1-5)**	(2) To select each item of flexible DID table, press Flex. BTN 1-5, then the entered data will be displayed on the LCD.
TABLE 001 NAME **……..**	(3) To enter DID Name, press Flex BTN 1 and enter the name.
TABLE 000 DAY DEST **NONE (1-9)**	(4) To enter Day destination, press Flex BTN 2 and dial destination type and destination number as follow; 01 – STA: dial type number 01 and dial station number. 02 – HUNT: dial type number 02 and dial hunt group number. 03 – VMIB: dial type number 03 and dial VMIB announcement number. 04 – VMIB (#) (after The VMIB announcement is heard and the CO line is dropped.) : dial type number 04 and dial VMIB announcement number. 05 – SPD: dial type number 05 and dial Speed bin number. 06 – INT PAGE: dial type number 06 and dial Page number 07 – EXT PAGE: dial type number 07 and dial Page number 08- ALL PAGE: dial type number 08 and dial Page number 09 – NET NUM: dial type number 09 and dial the net station number. 10 – CONFERENCE ROOM: Dial 10 and dial the conf room number.
TABLE 001 NIGHT DEST **NONE (1-9)**	(5) To enter Night Destination, Flex. BTN 3 and dial destination type and destination number.
TABLE 001 WEEKEND DEST **NONE (1-9)**	(6) To enter Weekend Destination, Flex. BTN 4 and dial destination type and destination number.
TABLE 001 DAY DEST **STA 100**	(7) Press the **[HOLD/SAVE]** button for updating database permanently.
DID CONV TABLE 001 **PRESS FLEX KEY (1-5)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	ITEM	RANGE	DEFAULT	REMARK
1	DID Name	1 – 11 Chars	None	Max. 11 characters
2	Day Destination	STA # /	STA # Or Null	
		Hunt # /		00 – 70 (00: Not assigned)
		VMIB # /		00 – 70 (00: Not assigned)
		VMIB # drop		2000-3499 (ARIA-130)
		SPD		2000-4999 (ARIA-300),
		- " -		2000-6999(Aria-600)
		- " -		1-10 (ARIA-130)
		Int Page		1-30 (ARIA-300, Aria-600),
		- " -		1 – 3
		Ext Page		1 – 3
		All Page		Network station number.
		Net Num		1-9
		Conf Room		
3	Night Destination	STA # /	ATD STA #	
		Hunt # /		00 – 70 (00: Not assigned)
		VMIB # /		00 – 70 (00: Not assigned)
		VMIB # drop		2000-3499 (ARIA-130)
		SPD		2000-4999 (ARIA-300),
		- " -		2000-6999(Aria-600)
		- " -		1-10 (ARIA-130)
		Int Page		1-30 (ARIA-300, Aria-600),
		- " -		1 – 3
		Ext Page		1-3
		All Page		Network station number.
		Net Num		1-9
		Conf Room		
4	Weekend Destination	STA # /	ATD STA #	
		Hunt # /		00 – 70 (00: Not assigned)
		VMIB # /		00 – 70 (00: Not assigned)
		VMIB # drop		2000-3499 (ARIA-130)
		SPD		2000-4999 (ARIA-300),
		- " -		2000-6999(Aria-600)
		- " -		1-10 (ARIA-130)
		Int Page		1-30 (ARIA-300, Aria-600),
		- " -		1 – 3
		Ext Page		1 – 3
		All Page		Network station number
		Net Num		1-9
		Conf Room		

5	Reroute Destination	STA # / Hunt # / VMIB # / VMIB # drop SPD	ATD STA #	00 – 70 (00: Not assigned) 00 – 70 (00: Not assigned) 2000-3499 (ARIA-130) 2000-4999 (ARIA-300), 2000-6999(Aria-600)

TABLE 12.5.1 Button Configuration of Flexible DID Table (PGM 231)

13.5 SYSTEM SPEED ZONE (PGM 232)

PROCEDURE

SYSTEM SPD ZONE PGM **ENTER ZONE NO (01-10)**	(1) **[TRANS/PGM]** + 232.
SYSTEM SPD ZONE 01 **F1:ZN F2:STA F3:TCHK**	(2) Enter Zone Number (01 - 10).
ENTER NEW ZONE RANGE **ZONE 01 : xxxx- xxxx**	(3) To enter speed zone range, press Flex. BTN 1 and dial related new zone range.
ENTER STA RANGE **ZONE 01 : xxx – xxx**	(4) To enter the station range, press Flex. BTN 2 and dial related new station range.
	(5) To toggle speed zone toll check, press Flex. BTN 3, then LED 3 shows toll check status of current zone.
SYSTEM SPD ZONE PGM **ENTER ZONE NO (01-10)**	(6) Press the **[HOLD/SAVE]** button for updating database permanently.
SYSTEM SPD ZONE PGM **ENTER ZONE NO (01-10)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	ITEM	RANGE	DEFAULT	REMARK
1	Speed Bin Range in Zone		2200 – 4999 (Aria-300) 2200 – 3499 (Aria-130) 2200 - 6999 (Aria-600)	Each zone is exclusive (2000 – 2199: Toll Free Zone)
2	Station Range to Access Zone	STA No.	100 – 399 (Aria-300) 100 – 227 (Aria-130) 1000 – 1599(, Aria-600)	
3	Toll Checking	YES / NO	YES (ON)	

TABLE 12.6.1 Button Configuration for System Speed Dial Zone (PGM 232)

13.6 WEEKLY TIME TABLE (PGM 233)

PROCEDURE

WEEKLY TIME TBL **DIAL DIGIT (00-15)**	(1) **[TRANS/PGM]** + 233.
WEEKLY TIME TBL **DIAL DIGIT (00-15)**	(2) To program each Weekly Time Table, dial 2 digits of 00-15 (Ex. 07). Table of index 00 is used for the Main Attendant Auto Ring mode. Tables of index 01~15 are used for the ICM Tenancy Attendants Auto Ring mode.
WEEKLY TIME TBL 07 **PRESS FLEX_KEY (1-7)**	(3) Each time table has 1-7 day mode as TABLE 12.7.1. Press one of Flex. BTNs. (Ex. BTN 5: Friday)
WEEKLY TBL : FRI **D:09:00 N: W:**	(4) Pressing Flex. BTN 3, the start time of Day, Night and Weekend may be changed. Press Flex. BTN 1 to edit start time of Day mode, and enter 4 digits continuously. (Ex. 0900 for 09:00)
WEEKLY TBL : FRI **D:09:00 N:18:00 W:**	(5) Press Flex. BTN 2 to edit start time of Night mode, and enter 4 digits continuously. (e.g. 1800 for 18:00). Press Flex. BTN 3 for Weekend mode time.
WEEKLY TIME TBL 07 **PRESS FLEX_KEY (1-7)**	(6) Press the **[HOLD/SAVE]** button. Then, system goes to up level. Press one of Flex. BTNs (1-7) for another day. Continue step (3).
WEEKLY TIME TBL **DIAL DIGIT (00-15)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	ITEM	REMARK
1	Monday	Refer Table 12.7.2
2	Tuesday	
3	Wednesday	
4	Thursday	
5	Friday	
6	Saturday	
7	Sunday	

TABLE 12.7.1 Weekly Time Table - 1 (PGM 233)

BTN	ITEM	DEFAULT	REMARK
1	Day		Day ring mode start time (HH:MM)
2	Night		Night ring mode start time (HH:MM)
3	Weekend		Weekend ring mode start time (HH:MM)

TABLE 12.7.2 Weekly Time Table - 2 (PGM 233)

13.7 VOICE MAIL DIALING TABLE (PGM 234)

PROCEDURE

VOICE MAIL DIALING TBL **DIAL DIGIT (1-9)**	(1) **[TRANS/PGM]** + 234.
VOICE MAIL 1 **PREFIX OR SUFFIX (0-1)**	(2) To program each dialing table, dial digit as TABLE 12.8.1.
VOICE MAIL 1 **PRE XXXXXXXXXXXX**	(3) Enter digits (0-9, *, #, Pause) within 12 characters. To enter the pause, press the **[CALLBK]** button.
VOICE MAIL DIALING TBL **DIAL DIGIT (1-9)**	(4) Press the **[HOLD/SAVE]** button for updating database permanently.
VOICE MAIL DIALING TBL **DIAL DIGIT (1-9)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

DIGIT	ITEM	RANGE	DEFAULT	REMARK
1	VM Table 1		Prefix : P# Suffix : -	Put Mail
2	VM Table 2		Prefix : P## Suffix : -	Get Mail
3	VM Table 3		Prefix : P#*3P Suffix : -	Busy Table
4	VM Table 4		Prefix : P#*4P Suffix : -	No Answer Table
5	VM Table 5		Prefix : P#*5P Suffix : -	Error Table
6	VM Table 6		Prefix : P#*6P Suffix : -	DND Table
7	VM Table 7		Prefix : Suffix : -	
8	VM Table 8		Prefix : Suffix : -	
9	VM Table 9		*****	Disconnect Table

TABLE 12.8.1 Voice Mail Table (PGM 234)

13.8 TIE ROUTING TABLE (PGM 235)

Maximum 30 Tie Line routings can be programmed. Maximum 6 CO lines are assignable to each Routing. *By default, Tie Line Routings are not assigned at all.*

PROCEDURE

TIE LINE ROUTING **DIAL ROUTING NO 01-30**	(1) **[TRANS/PGM]** + 235.
TIE LINE ROUTING 01 **... ... ...**	(2) Enter two digits for routing number (01-30). (Ex. 01)
	(3) *To assign Tie Line Routing,* press Flex. BTN 1-6 and enter CO line number. See TABLE 12.9.1.
	● *To delete any of code,* press Flex. BTN 1-6 and press the **[SPEED]** button. See TABLE 11.9.1.
TIE LINE ROUTING **DIAL ROUTING NO 01-30**	(4) Press the **[HOLD/SAVE]** button for updating database permanently.
TIE LINE ROUTING **DIAL ROUTING NO 01-30**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	ITEM	RANGE	DEFAULT	REMARK
	Tie Routing Table (1-30)	01 – 40 (Aria-130) 001 – 200 (Aria-300) 001-400 (Aria-600)	-	

TABLE 12.9.1 Tie Routing Table (PGM 235)

13.9 MOBILE EXTENSION TABLE (PGM 236)

PROCEDURE

MOBILE EXT TABLE ATT **ENTER BIN NO (001-300)**	**[TRANS/PGM]** + 236.
MOBILE EXT TABLE 001 **PRESS FLEX KEY (1-3)**	To program Mobile Ext table, dial Bin No (001 – 300). (LDK300E: 001-600, LDK300:001-300, LDK100:001-128)
MOBILE EXT TABLE 001 **(1:ON/0:OFF) : ON**	To activate Mobile Ext feature, press Flex button 1 and dial “1”.
MOBILE EXT TABLE 001 **(1:ON/0:OFF) : ON**	Press the **[HOLD/SAVE]** button for updating database permanently.
MOBILE EXT TABLE 001 **CO GRP: NOT ASSIGN**	To select Mobile Extension CO Group, press Flex button 2.
MOBILE EXT TABLE 001 **……**	To enter Mobile Extension Tel number, press Flex button 3.

BTN	ITEM	DEFAULT	RANGE	REMARK
	Mobile Ext. Table Bin No		001– 600 001 – 300 001 – 128	(LDK-600) (LDK-300) (LDK-100)
1	Mobile Ext. Enable	OFF	ON/OFF	
2	Mobile Ext. CO Grp.	N/A	1 – 72 1 – 24	(LDK-300/300E) (LDK-100)
3	Mobile Ext. Tel No	N/A	Max 24	

14 NETWORKING ATTRIBUTE

To program NETWORKING ATTRIBUTE, press the **[TRANS/PGM]** button and dial 320 - 324.

14.1 Networking Basic Attribute (PGM 320)

PROCEDURE

NET BASIC ATTRIBUTE **PRESS FLEX KEY(1-5)**	(1) **[TRANS/PGM]** + 320
NET RETRY COUNT **(00 – 99) : 25**	(2) To program Networking Basic Attribute, Press the Flex Btn 1-5. Related message will be displayed on LCD. (EX: Btn2)
NET RETRY COUNT **(00 – 99) : 30**	(3) To change the value, dial the value in the range (EX:30)
NET RETRY COUNT **(00 – 99) : 30**	(4) Press the **[HOLD/SAVE]** button for saving database permanently.
NET BASIC ATTRIBUTE **PRESS FLEX KEY(1-5)**	● Press **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	ITEM	RANGE	DEFAULT	REMARK
1	Networking Enable	ON / OFF	OFF	Enable Networking function
2	Networking Retry Count	00 - 99	00	No need at direct connection between ARIA systems. This field is available at connection through the public network.
3	Networking CNIP Enable	ON / OFF	ON	The name of calling station is sent to the called system between ARIA systems. CNIP is displayed at called party stations display based on the programming. If the CNIP and CLI are received together, CNIP is prior to CLI.
4	Net. CONP Enable	ON / OFF	OFF	*Reserved for future usage*
5	Networking Signal Method	FAC / UUS	FAC	Select the information element type for Networking supplementary service message.
6	Networking CAS Enable	ON/OFF	OFF	Enable Centralized attendant In master system, CAS should be disabled.
7	Net. VPN Enable	ON/OFF	OFF	Reserved for future usage
8	Net. CC Retain Mode	ON/OFF	OFF	Network Call Completion Retain Mode

TABLE 13.1.1 Networking Basic Attribute (PGM 320)

14.2 Networking Supplementary Attribute (PGM 321)

PROCEDURE

NET SUPPLIMENTARY ATTR PRESS FLEX KEY(1-1)	(1) **[TRANS/PGM]** + 321
NET TRANSFER MODE (1:RERT/ 0:JOIN): JOIN	(2) To program Networking Supplementary Attribute, Press the Flex Btn 1-1. Related message will be displayed on LCD.
NET TRANSFER MODE (1:RERT/ 0:JOIN): RERT	(3) Press the **[HOLD/SAVE]** button for saving database permanently.
NET SUPPLIMENTARY ATTR PRESS FLEX KEY(1-5)	● Press **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	ITEM	RANGE	DEFAULT	REMARK
1	Networking Transfer Mode	RERT/JOIN	REROUT	Only Transfer by Rerouting is possible
2	TCP port	4 digits	9000	TCP port for BLF message
3	UDP port	4 digits	9001	UDP port for BLF message
4	BLF Manager IP Address	12 digits	0.0.0.0	IP Address of BLF manager for BLF service
5	Duration of BLF status	01 ~ 20 sec	02	Duration of BLF status message
6	Multicast IP Address	12 digits	0.0.0.0	IP address of Multicast for BLF service
7	Net Trans Fault Recall Timer	1 ~ 300	10	Network transfer fault recall timer.

TABLE 13.2.1 Networking Supplementary Attribute (PGM 321)

14.3 Networking CO Line Attribute (PGM 322)

PROCEDURE

NET COLINE ATTRIBUTE **ENTER COL RANGE**	(1) **[TRANS/PGM]** + 322
001-002 NET COL PGM **PRESS FLEX_KEY (1-3)**	(2) Enter CO line range. To program, press the Flex. BTN. Press BTN 1-3 and enter related data, then entered data will be displayed on the LCD.
001-002 NET CO GRP **(00 – 24) : 00**	(3) Press Flex. BTN 1 and assign Networking CO Group.
001-002 NET CO GRP **(00 – 24) : 01**	(4) Press the **[HOLD/SAVE]** button for saving database permanently.
001-002 NET COL PGM **PRESS FLEX_KEY (1-3)**	● Press **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (2) without updating system memory.

BTN	ITEM	RANGE	DEFAULT	REMARK
1	Networking CO Group	00 - 24	00	Networking CO group programming for Networking call between ARIA systems.
2	Reserved			Not Used
3	Reserved			Not Used
4	Net CO Line Type	QSIG/PSTN	PSTN	

TABLE 13.3.1 Networking CO Line Attribute (PGM 322)

14.4 Networking Attendant Assignment (PGM 323)

PROCEDURE

CAS / VPN CO GROUP ASG **PRESS FLEX_KEY (1-3)**	(1). **[TRANS/PGM]** + 323
CAS NUM TBL INDEX **(00-71) : 00**	(2). To assign CO group for Centralized Attendant, press the Flex BTN 1. Enter the table index number of CO group which is connected with CAS system. (Refer to PGM 324.)
VPN CO GROUP **(00-24) : 00**	(3). Press the Flex. BTN 2. And the procedure is the same as CAS CO group assignment.
VPN CO GROUP **(00-24) : 05**	• Press the **[HOLD/SAVE]** button for updating database permanently.
CAS / VPN CO GROUP ASG **PRESS FLEX_KEY (1-3)**	• Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory

BTN	ITEM	RANGE	DEFAULT	REMARK
1	CAS Num table index	00 - 71	00	Networking Net bin number for CAS.
2	VPN CO Group	00 – 24	00	*Reserved for future usage*
3	Prefix for CAS	8 digits	-	Prefix for CAS Call

TABLE 13.4.1 Centralized Attendant & VPN CO Group Assignment (PGM 323)

14.5 Networking Routing Table (PGM 324)

PROCEDURE

NET NUM PLAN TABLE **ENTER BIN NO (00 – 71)**	(1) **[TRANS/PGM]** + 324.
00 NET NUM PLAN TBL **PRESS FLEX KEY (1 – 6)**	(2) To assign Networking Numbering Plan Table, Dial the Table number user want to program. To program, press the Flex. BTN. Press BTN 1-6 and enter related data, then entered data will be displayed on the LCD.
00 NUM PLAN CODE **. . . . . .**	(3) Press Flex Btn 1 and dial the networking numbering plan code.
00 NUM PLAN CO GRP (00-24) : . .	(4) Press Flex Btn 2 and dial the networking CO group number.
00 SYSTEM USAGE (1:VOIP/0:QSIG): QSIG	(5) Press Flex Btn 3 and dial the type of networking CO group.
00 CPN INFORMATION **. . . . . .**	(6) In case of VOIP, press Flex Btn 4 and dial the CPN information.
00 NET NUM PLAN TBL **PRESS FLEX KEY (1 – 6)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory

BTN	ITEM	RANGE	DEFAULT	REMARK
1	System Usage	NET / PSTN	NET	If this number will be connected directly with PSTN line, set to 'PSTN'.
2	Net Numbering Code	16 digits	--	'*' means any digits can be inserted between 0 ~ 9. The digits followed by '#' is a internal station number.
3	Net Number CO Group	00 – 24	--	'00' means an internal net station number.
4	CPN or IP Information	16 digits / 4 IP addr	…. / 0.0.0.0	CPN information for ISDN, IP address for VoIP (CPN info 1 ~ CPN info 4)
5	Alternate Dial Bin	2000 – 6999 (LDK-300E) 2000 – 4999 (LDK-300) 2000 – 3499 (LDK-100)	-	Alternative Dial Number(System SPD Bin) when the networking path has a fatal problem.
6	Destination MPB IP	IP Address	--	IP Address of destination system to support DECT mobility service.
7	Digit Repeat	YES/NO	NO	If this PSTN number is not connected with PSTN line directly but connected by another networking system, make 'Digit Repeat' to YES.

8	CO ATD Code CLI	YES/NO	NO	During Transit-out, this admin value determines which CLI should be sent to PX.

TABLE 13.5.1 Networking Routing Table (PGM 324)

15 VOIB ATTRIBUTE

15.1 VOIP IP SETTING (PGM 340)

PROCEDURE

VOIP IP SETTING **F1:BRD1 F2:BRD2 F3:BRD3**	(1) **[TRANS/PGM]** + 340. **Aria-130,** Flex Btn 1 or 2 **Aria-300,** Flex Btn 1 2 or 3 **Aria-600,** Enter VOIB Slot Number To program the first VOIB, Press Flex Btn 1
VOIB 1 NET SETTING **PRESS FLEX KEY (1-10)**	(2) To program IP Address of VOIB 1, Press Flex Btn 1
IP ADDR(SKIP:#) **165.147. 3. 1**	● To skip entering digit, press #.
IP ADDR(SKIP:#) **165.147. 3. 1**	(3) Press the **[HOLD/SAVE]** button for saving database permanently.
VOIB 1 NET SETTING **PRESS FLEX KEY (1-10)**	● Press **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	ITEM	INTERCOM RANGE	DEFAULT	REMARK
1	IP Address(SKIP:#)	12 Digits	0.0.0.0.	
2	GATEWAY Address (SKIP:#)	12 Digits	0.0.0.0.	
3	SUBNET Mask(SKIP:#)	12 Digits	0.0.0.0.	
4	DNS Address (SKIP:#)	12 Digits	0.0.0.0.	
5	TRACE Password	10 Digits	. . . .	
6	Default Codec	0 – 3	0	
7	Default Gain	1 – 62	31	
8	No Delay (TOS)	ON / OFF	OFF	
9	Throughput (TOS)	HIGH / NORMAL	NORMAL	
10	Reliability (TOS)	HIGH / NORMAL	NORMAL	

TABLE 14.1.1 VOIB IP SETTING (PGM 340)

16 RSG/IP Phone Programming

16.1 VOIB SLOT ASSIGNMENT for RSG/IP Phone (PGM 380)

The RSG/IP Phone receives call service through VOIB.
Then the VOIB for RSG/IP can be assigned.
If several boards are assigned, please assign the first VOIB slot on STA/COL Board in PGM 103/BTN 1 & 2.

PROCEDURE

VOIB SLOT FOR RSG/IP **PRESS FLEX_KEY(1-2)**	(4) **[TRANS/PGM]** + 380
05 06 .. .. **.. .. ..**	(5) For VIOB slot assignment, Press Flex_1. Dial slot numbers.
VOIB SLOT FOR RSG/IP **PRESS FLEX_KEY(1-2)**	(6) Press the **[HOLD/SAVE]** button for saving database permanently.
	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	ITEM	RANGE	DEFAULT	REMARK
1	VOIB SLOT for RSG/IP Phone		-	VOIB slot assignment for RSG/IP Phone
2	RSG/IP CHANNEL ASSIGN		N/A	ASSIGN VOIB SLOT NO

TABLE 15.1.1 VOIB Slot Assignment for RSG/IP Phone (PGM 380)

16.2 RSG/IP Phone Port Number ASSIGNMENT (PGM 381)

The port number for RSG /IP Phone can be assigned.

PROCEDURE

RSG/IP NO ASSIGN **F1:RSG F2:IP PHONE**	(1) **[TRANS/PGM]** + 381
RSG NO **08 (001 ~ 128)**	(2) To program the number of to be serviced RSG number, press FLEX BTN 1 and dial RSG number.
IP PHONE NO **000 (001 ~ 128)**	(3) To program the number of to be serviced IP Phone number, press FLEX BTN 2 and dial IP Phone number.
RSG/IP NO ASSIGN **F1:RSG F2:IP PHONE**	(4) Press the **[HOLD/SAVE]** button for saving database permanently.

BTN	ITEM	RANGE	DEFAULT	REMARK
F1	RSG NO	000~128 (00-64)	008 (08)	The RSG number to be serviced from system
F2	IP PHONE NO	000~128 (00-64)	000 (00)	The IP Phone number to be serviced from system

TABLE 15.2.1 Port Number Assignment for RSG/ IP Phone

16.3 RSG / IP Phone ATTRIBUTE (PGM 382)

The following is the attributes of RSG/IP Phone.

PROCEDURE

RSG/IP ATTR1 **PRESS FLEX KEY (1-7)**	(1) **[TRANS/PGM]** + 382.
TRANSFER MODE **(1:IP/0:MAC): IP**	(2) To program, press Flex BTN 1-5 for setting each value. After pressing a Flex BTN, the revised value can be set by entered digit.
CASTING MODE **(1:MULTI/0:UNI): UNI**	
TONE SOURCE **(1:REMOTE/0:LDK): REMOTE**	
PEER TO PEER **(1:ON/0:OFF): ON**	
IP/RSGM ATTRIBUTE **PRESS FLEX KEY (1-7)**	(3) Press the **[HOLD/SAVE]** button for updating database permanently.

BTN	ITEM	RANGE	DEFAULT	REMARK
F1	Transfer Mode	IP or MAC	IP	
F2	Casting Mode	Unicast or Multicast	Unicast	
F3	Tone Generation	LDK or Remote(RSGM/IP Phone)	Remote	
F4	Peer to Peer	ON/OFF	ON	
F5	Codec Type	G.711_ALAW(0)/G.711_ ULAW(1)/ G.723.1(2)	G.711_ALAW(0)	
F6	First Access RSG CO	ON/OFF	ON	If the field is set, the station on RSG can access a CO line on his RSG by dialing CO Line access code in the 1st available CO group (ex> 9).
F7	RING w/o CO Ring Assign	ON/OFF	ON	If the field is set, stations on RSG will receive the incoming CO ring even though the CO ring is not assigned.

TABLE 15.3.1 RSGM/IP Phone Attributes 1 (PGM 382)

16.4 RSG ATTRIBUTE 1 (PGM 383)

The following is the attributes of RSG.

PROCEDURE

RSG ATTR1 **ENTER NO (001-128)**	(1) **[TRANS/PGM]** + 383. Enter the RSG number
001 RSG ATTR1 **PRESS FLEX (1-7)**	
001 SET MAC ADDR **xx-xx-xx-xx-xx-xx**	(2) To program MAC address, press Flex BTN 1, enter the MAC address and press the **[HOLD/SAVE]** button for updating database permanently.
001 IP ADDR DISP **xx.xxx.xxx.xxx**	(3) Press Flex BTN 2 to check the IP address. Then IP address will be displayed.
	(4)
001 PORT VIEW **D(xxxx) S(xxxx) C(xxxx)**	(5) Press Flex BTN 3 to check Station and CO number.

BTN	ITEM	RANGE	DEFAULT	REMARK
F1	SET MAC ADDRESS		00-00-00-00-00-00	**[*] : A / [#] : B** **[CB] : C / [MUTE] : D** **[DND] : E / [FLASH] : F**
F2	IP Address DISPLAY		0.0.0.0	
F3	PORT VIEW		D(…)S(…)C(…)	
F4	PORT NUM			
F5	NAT IP ADDR DISPLAY		0.0.0.0	
F6	NAT PORT NUM		0	
F7	STUN ENABLED		NONE	

TABLE 15.4.1 RSG Attributes (PGM 383)

16.5 RSG ATTRIBUTE 2 (PGM 384)

The following is the attributes of RSG.

PROCEDURE

RSG ATTR2 **ENTER RANGE(001-128)**	(1) **[TRANS/PGM]** + 384. Enter the RSG range
001-001 RSGM ATTR2 **PRESS FLEX (1-11)**	(2) To program, press Flex BTN 1-10 for setting each value. After pressing a Flex BTN, the revised value can be set by entered digit.
001-001 I-MOH RTP PORT **8186**	
001-001 E-MOH RTP PORT **8188**	
001-001 MOH TYPE **(1:MUSIC/0:H-TN):MUSIC**	
001-001 MUSIC SOURCE **(1:/EXT1/0:INT): INT**	
001-001 EXT CONTACT 1 **….**	
001-001 EXT CONTACT 2 **….**	
001-001 ALARM ENABLE **(1:ON/0:OFF) OFF**	
001-001 ALARM CONTACT **(1:CLOSE/0:OPEN): CLOSE**	
001-001 ALARM MODE **(1:ALARM/0:BELL): ALARM**	
001-001 ALARM SIGNAL **(1:RPT/0:ONCE): RPT**	
RSGM ATTR2 **ENTER RANGE (001-128)**	(3) Press the **[HOLD/SAVE]** button for updating database permanently.

BTN	ITEM	RANGE	DEFAULT	REMARK
F1	RTP Port number of Internal MOH		8186	
F2	RTP Port number of External MOH		8188	
F3	MOH Type	MUSIC/Hold Tone	Hole Tone	
F4	Music Source	EXT1/INT	INT	
F5	External Contact 1	LBC/Door Open	Not Assigned	
F6	External Contact 2	LBC/Door Open	Not Assigned	
F7	Alarm Enable	ON/OFF	OFF	
F8	Alarm Contact Type	Close/Open	Close	
F9	Alarm/Door Bell Mode	Alarm/Door Bell	Alarm	
F10	Alarm Signal	RPT/ONCE	RPT	
F11	CTI PORT	0-2	NOT_USED	

TABLE 16.5.1 RSG Attributes (PGM 384)

16.6 RSG ALARM ASSIGNMENT (PGM 385)

The station can receive the alarm ring when the alarm on RSG is detected.

PROCEDURE

RSG ALARM ATT **ENTER STA RANGE**	(1) **[TRANS/PGM]** + 385. Enter the station range
SELECT RSG ALARM ZONE F1~F4 (6*24)	(2) Press FLEX btn to select RSG Alarm Zone. Then LEDs of BTNs show currently assigned RSG alarm zone of the first station in range. To assign alarm, press the BTNs for toggle setting.
100-100 (RSG 01-24) **PRESS FLEX KEY (01-24)**	
RSG ALARM ATT **ENTER STA RANGE**	(3) Press the **[HOLD/SAVE]** button for updating database permanently.

BTN	RANGE	DEFAULT	REMARK
F1	RSG 01~24	None	
F2	RSG 25~48	None	
F3	RSG 49~72	None	
F4	RSG 73~96	None	

TABLE 15.6.1 RSGM Attributes (PGM 385)

16.7 RSG ATTRIBUTE 1 (PGM 386)

The following is the attributes of IP Phone Attribute.

PROCEDURE

IP PHONE ATTR **ENTER NO (001-128)**	(6) **[TRANS/PGM]** + 383. Enter the RSG number
001 IP PHONE ATTR **PRESS FLEX (1-8)**	
001 SET MAC ADDR **xx-xx-xx-xx-xx-xx**	(7) To program MAC address, press Flex BTN 1, enter the MAC address and press the **[HOLD/SAVE]** button for updating database permanently.
001 IP ADDR DISP **xx.xxx.xxx.xxx**	(8) Press Flex BTN 2 to check the IP address. Then IP address will be displayed.
	(9)
001 PORT VIEW **D(xxxx) S(xxxx) C(xxxx)**	(10) Press Flex BTN 3 to check Station.

BTN	ITEM	RANGE	DEFAULT	REMARK
F1	SET MAC ADDR		00-00-00-00-00-00	**[*] : A / [#] : B** **[CB] : C / [MUTE] : D** **[DND] : E / [FLASH] : F**
F2	IP Address DISPALY		0.0.0.0	
F3	PORT VIEW		N/A	
F4	PORT NUM		N/A	
F5	NAT IP ADDR DISPLAY		0.0.0.0	
F6	NAT PORT NUM		0	
F7	STUN ENABLED		NONE	
F8	CTI IP ADDR(SKIP : #)		0.0.0.0	

TABLE 15.7.1 IP Phone Attributes (PGM 386)

16.8 RSG DKT RX GAIN CONTROL (PGM 390)

The RX gain of DKT on RSG can be adjusted.

PROCEDURE

RSG_DKT RX GAIN **PRESS FLEX KEY (01-16)**	(1) **[TRANS/PGM]** + 390.
RSG_DKT RX FROM DKTU **(00-63) : 25**	(2) Press one of Flex. BTNs (1~16) to select a device type to change the gain. (Ex. Press Flex. BTN 1.) The LCD shows RX gain of the device from other devices.
RSG_DKT RX FROM DKTU **(00-63) : 45**	(3) To change the gain dial new gain (00-63) and LCD shows the changed value. (Ex. dial 45.)
RSG_DKT RX GAIN **PRESS FLEX KEY (01-16)**	(4) Press the **[HOLD/SAVE]** button for updating database permanently.
RSG_DKT RX GAIN **PRESS FLEX KEY (01-16)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

FLEX	ITEM	RANGE	DEFAULT	REMARK
1	RSG_DKT RX from DKTU	00 – 63		
2	RSG_DKT RX from SLT	00 – 63		
3	RSG_DKT RX from CTR_SLT	00 – 63		
4	RSG_DKT RX from WKT	00 – 63		
5	RSG_DKT RX from ACO	00 – 63		
6	RSG_DKT RX from CTR_ACO	00 – 63		
7	RSG_DKT RX from DCO	00 – 63		
8	RSG_DKT RX from VMIB	00 – 63		
9	RSG_DKT RX from DTMF	00 – 63		
10	RSG_DKT RX from TONE	00 – 63		
11	RSG_DKT RX from MUSIC 1	00 – 63		
12	RSG_DKT RX from MUSIC 2	00 – 63		
13	RSG_DKT RX from RSG_DKT	00 – 63		
14	RSG_DKT RX from RSG_SLT	00 – 63		
15	RSG_DKT RX from RSG_LCO	00 – 63		
16	RSG_DKT RX from IP Phone	00 – 63		

TABLE 15.8.1 RSG_DKT RX Gain (PGM 390)

16.9 RSG DKT TX GAIN CONTROL (PGM 391)

The TX gain of DKT on RSG can be adjusted.

PROCEDURE

RSG_DKT TX GAIN **PRESS FLEX KEY (1-8)**	(5) **[TRANS/PGM]** + 391.
RSG_DKT TX TO DKTU **(00-63) : 25**	(6) Press one of Flex. BTNs (1~8) to select a device type to change the gain. (Ex. Press Flex. BTN 1.) The LCD shows TX gain of the device from other devices.
RSG_DKT TX TO DKTU **(00-63) : 25**	(7) To change the gain dial new gain (00-63) and LCD shows the changed value. (Ex. dial 45.)
RSG_DKT TX GAIN **PRESS FLEX KEY (1-8)**	(8) Press the **[HOLD/SAVE]** button for updating database permanently.
RSG_DKT TX GAIN **PRESS FLEX KEY (1-8)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

FLEX	ITEM	RANGE	DEFAULT	REMARK
1	RSG_DKT RX to DKTU	00 – 63		
2	RSG_DKT RX to SLT	00 – 63		
3	RSG_DKT RX to CTR_SLT	00 – 63		
4	RSG_DKT RX to WKT	00 – 63		
5	RSG_DKT RX to ACO	00 – 63		
6	RSG_DKT RX to CTR_ACO	00 – 63		
7	RSG_DKT RX to DCO	00 – 63		
8	RSG_DKT RX to DVU	00 – 63		

TABLE 15.9.1 RSG_DKT TX Gain (PGM 391)

16.10 RSG SLT RX GAIN CONTROL (PGM 392)

The RX gain of SLT on RSG can be adjusted.

PROCEDURE

RSG_SLT RX GAIN **PRESS FLEX KEY (01-16)**	(9) **[TRANS/PGM]** + 390.
RSG_SLT RX FROM DKTU **(00-63) : 25**	(10) Press one of Flex. BTNs (1~16) to select a device type to change the gain. (Ex. Press Flex. BTN 1.) The LCD shows RX gain of the device from other devices.
RSG_SLT RX FROM DKTU **(00-63) : 45**	(11) To change the gain dial new gain (00-63) and LCD shows the changed value. (Ex. dial 45.)
RSG_SLT RX GAIN **PRESS FLEX KEY (01-16)**	(12) Press the **[HOLD/SAVE]** button for updating database permanently.
RSG_SLT RX GAIN **PRESS FLEX KEY (01-16)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

FLEX	ITEM	RANGE	DEFAULT	REMARK
1	RSG_SLT RX from DKTU	00 – 63		
2	RSG_SLT RX from SLT	00 – 63		
3	RSG_SLT RX from CTR_SLT	00 – 63		
4	RSG_SLT RX from WKT	00 – 63		
5	RSG_SLT RX from ACO	00 – 63		
6	RSG_SLT RX from CTR_ACO	00 – 63		
7	RSG_SLT RX from DCO	00 – 63		
8	RSG_SLT RX from VMIB	00 – 63		
9	RSG_SLT RX from DTMF	00 – 63		
10	RSG_SLT RX from TONE	00 – 63		
11	RSG_SLT RX from MUSIC 1	00 – 63		
12	RSG_SLT RX from MUSIC 2	00 – 63		
13	RSG_SLT RX from RSG_DKT	00 – 63		
14	RSG_SLT RX from RSG_SLT	00 – 63		
15	RSG_SLT RX from RSG_LCO	00 – 63		
16	RSG_SLT RX from IP Phone	00 – 63		

TABLE 15.10.1 RSG_DKT RX Gain (PGM 392)

16.11 RSG SLT TX GAIN CONTROL (PGM 393)

The TX gain of SLT on RSG can be adjusted.

PROCEDURE

RSG_SLT TX GAIN **PRESS FLEX KEY (1-8)**	(13) **[TRANS/PGM]** + 391.
RSG_SLT TX TO DKTU **(00-63) : 25**	(14) Press one of Flex. BTNs (1~8) to select a device type to change the gain. (Ex. Press Flex. BTN 1.) The LCD shows TX gain of the device from other devices.
RSG_SLT TX TO DKTU **(00-63) : 25**	(15) To change the gain dial new gain (00-63) and LCD shows the changed value. (Ex. dial 45.)
RSG_SLT TX GAIN **PRESS FLEX KEY (1-8)**	(16) Press the **[HOLD/SAVE]** button for updating database permanently.
RSG_SLT TX GAIN **PRESS FLEX KEY (1-8)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

FLEX	ITEM	RANGE	DEFAULT	REMARK
1	RSG_SLT RX to DKTU	00 – 63		
2	RSG_SLT RX to SLT	00 – 63		
3	RSG_SLT RX to CTR_SLT	00 – 63		
4	RSG_SLT RX to WKT	00 – 63		
5	RSG_SLT RX to ACO	00 – 63		
6	RSG_SLT RX to CTR_ACO	00 – 63		
7	RSG_SLT RX to DCO	00 – 63		
8	RSG_SLT RX to DVU	00 – 63		

TABLE 15.11.1 RSG_SLT TX Gain (PGM 393)

16.12 RSG LCO RX GAIN CONTROL (PGM 394)

The RX gain of LCO on RSG can be adjusted.

PROCEDURE

RSG_LCO RX GAIN **PRESS FLEX KEY (01-16)**	(17) **[TRANS/PGM]** + 394.
RSG_LCO RX FROM DKTU **(00-63) : 25**	(18) Press one of Flex. BTNs (1~16) to select a device type to change the gain. (Ex. Press Flex. BTN 1.) The LCD shows RX gain of the device from other devices.
RSG_LCO RX FROM DKTU **(00-63) : 45**	(19) To change the gain dial new gain (00-63) and LCD shows the changed value. (Ex. dial 45.)
RSG_LCO RX GAIN **PRESS FLEX KEY (01-16)**	(20) Press the **[HOLD/SAVE]** button for updating database permanently.
RSG_LCO RX GAIN **PRESS FLEX KEY (01-16)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

FLEX	ITEM	RANGE	DEFAULT	REMARK
1	RSG_LCO RX from DKTU	00 – 63		
2	RSG_LCO RX from SLT	00 – 63		
3	RSG_LCO RX from CTR_SLT	00 – 63		
4	RSG_LCO RX from WKT	00 – 63		
5	RSG_LCO RX from ACO	00 – 63		
6	RSG_LCO RX from CTR_ACO	00 – 63		
7	RSG_LCO RX from DCO	00 – 63		
8	RSG_LCO RX from VMIB	00 – 63		
9	RSG_LCO RX from DTMF	00 – 63		
10	RSG_LCO RX from TONE	00 – 63		
11	RSG_LCO RX from MUSIC 1	00 – 63		
12	RSG_LCO RX from MUSIC 2	00 – 63		
13	RSG_LCO RX from RSG_DKT	00 – 63		
14	RSG_LCO RX from RSG_SLT	00 – 63		
15	RSG_LCO RX from RSG_LCO	00 – 63		
16	RSG_LCO RX from IP Phone	00 – 63		

TABLE 15.12.1 RSG_LCO RX Gain (PGM 394)

16.13 RSG LCO TX GAIN CONTROL (PGM 395)

The TX gain of LCO on RSG can be adjusted.

PROCEDURE

RSG_LCO TX GAIN **PRESS FLEX KEY (1-8)**	(21) **[TRANS/PGM]** + 391.
RSG_LCO TX TO DKTU **(00-63) : 25**	(22) Press one of Flex. BTNs (1~8) to select a device type to change the gain. (Ex. Press Flex. BTN 1.) The LCD shows TX gain of the device from other devices.
RSG_LCO TX TO DKTU **(00-63) : 25**	(23) To change the gain dial new gain (00-63) and LCD shows the changed value. (Ex. dial 45.)
RSG_LCO TX GAIN **PRESS FLEX KEY (1-8)**	(24) Press the **[HOLD/SAVE]** button for updating database permanently.
RSG_LCO TX GAIN **PRESS FLEX KEY (1-8)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

FLEX	ITEM	RANGE	DEFAULT	REMARK
1	RSG_LCO RX to DKTU	00 – 63		
2	RSG_LCO RX to SLT	00 – 63		
3	RSG_LCO RX to CTR_SLT	00 – 63		
4	RSG_LCO RX to WKT	00 – 63		
5	RSG_LCO RX to ACO	00 – 63		
6	RSG_LCO RX to CTR_ACO	00 – 63		
7	RSG_LCO RX to DCO	00 – 63		
8	RSG_LCO RX to DVU	00 – 63		

TABLE 15.13.1 RSG_LCO TX Gain (PGM 395)

16.14 RSG IP PHONE RX GAIN CONTROL (PGM 396)

The RX gain of IP PHONE on RSG can be adjusted.

PROCEDURE

RSG_IP PHONE RX GAIN **PRESS FLEX KEY (01-16)**	(25) **[TRANS/PGM]** + 390.
RSG_IP PHONE RX FROM DKTU **(00-63) : 25**	(26) Press one of Flex. BTNs (1~16) to select a device type to change the gain. (Ex. Press Flex. BTN 1.) The LCD shows RX gain of the device from other devices.
RSG_IP PHONE RX FROM DKTU **(00-63) : 45**	(27) To change the gain dial new gain (00-63) and LCD shows the changed value. (Ex. dial 45.)
RSG_IP PHONE RX GAIN **PRESS FLEX KEY (01-16)**	(28) Press the **[HOLD/SAVE]** button for updating database permanently.
RSG_IP PHONE RX GAIN **PRESS FLEX KEY (01-16)**	• Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

FLEX	ITEM	RANGE	DEFAULT	REMARK
1	RSG_IP PHONE RX from DKTU	00 – 63		
2	RSG_IP PHONE RX from SLT	00 – 63		
3	RSG_IP PHONE RX from CTR_SLT	00 – 63		
4	RSG_IP PHONE RX from WKT	00 – 63		
5	RSG_IP PHONE RX from ACO	00 – 63		
6	RSG_IP PHONE RX from CTR_ACO	00 – 63		
7	RSG_IP PHONE RX from DCO	00 – 63		
8	RSG_IP PHONE RX from VMIB	00 – 63		
9	RSG_IP PHONE RX from DTMF	00 – 63		
10	RSG_IP PHONE RX from TONE	00 – 63		
11	RSG_IP PHONE RX from MUSIC 1	00 – 63		
12	RSG_IP PHONE RX from MUSIC 2	00 – 63		
13	RSG_IP PHONE RX from RSG_DKT	00 – 63		
14	RSG_IP PHONE RX from RSG_IP PHONE	00 – 63		
15	RSG_IP PHONE RX from RSG_LCO	00 – 63		
16	RSG_IP PHONE RX from IP Phone	00 – 63		

TABLE 15.14.1 RSG_DKT RX Gain (PGM 392)

16.15 RSG IP PHONE TX GAIN CONTROL (PGM 397)

The TX gain of IP PHONE on RSG can be adjusted.

PROCEDURE

RSG_IP PHONE TX GAIN **PRESS FLEX KEY (1-8)**	(29) **[TRANS/PGM]** + 391.
RSG_IP PHONE TX TO DKTU **(00-63) : 25**	(30) Press one of Flex. BTNs (1~8) to select a device type to change the gain. (Ex. Press Flex. BTN 1.) The LCD shows TX gain of the device from other devices.
RSG_IP PHONE TX TO DKTU **(00-63) : 25**	(31) To change the gain dial new gain (00-63) and LCD shows the changed value. (Ex. dial 45.)
RSG_IP PHONE TX GAIN **PRESS FLEX KEY (1-8)**	(32) Press the **[HOLD/SAVE]** button for updating database permanently.
RSG_IP PHONE TX GAIN **PRESS FLEX KEY (1-8)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

FLEX	ITEM	RANGE	DEFAULT	REMARK
1	RSG_IP PHONE TX to DKTU	00 – 63		
2	RSG_IP PHONE TX to SLT	00 – 63		
3	RSG_IP PHONE TX to CTR_SLT	00 – 63		
4	RSG_IP PHONE TX to WKT	00 – 63		
5	RSG_IP PHONE TX to ACO	00 – 63		
6	RSG_IP PHONE TX to CTR_ACO	00 – 63		
7	RSG_IP PHONE TX to DCO	00 – 63		
8	RSG_IP PHONE TX to DVU	00 – 63		

TABLE 15.15.1 RSG_IP PHONE TX Gain (PGM 397)

17 NATION SPECIFIC PROGRAMMING

If system parameters are to be changed, press the **[TRANS/PGM]** button and dial 400-423. When programming, LCD and LEDs indicate current programmed data and programming status. The programmer enters correct data, then LCD and LEDs show the entered data and the data is stored in the temporary buffer area. *Pressing the* **[HOLD/SAVE]** *button, all data in the temporary buffer (same as LCD/LEDs show their status) are stored into permanent system memory.*

17.1 DTIB RX GAIN CONTROL (PGM 400)

PROCEDURE

DTIB RX GAIN **PRESS FLEX KEY (01-13)**	(33) **[TRANS/PGM]** + 400.
DTIB RX GAIN **DTIB/DTIB: 26 (00-63)**	(34) Press one of Flex. BTNs (1~13) to select a device type to change the gain. (Ex. Press Flex. BTN 1.) The LCD shows RX gain of the device from other devices.
DTIB RX GAIN **DTIB/SLIB: 33 (00-63)**	(35) For example, press the Flex. BTN 2 to change the Rx gain of DTIB from SLIB.
DTIB RX GAIN **DTIB/SLIB: 45 (00-63)**	(36) To change the gain dial new gain (00-63) and LCD shows the changed value. (Ex. dial 45.)
DTIB RX GAIN **PRESS FLEX KEY (01-13)**	(37) Press the **[HOLD/SAVE]** button for updating database permanently.
DTIB RX GAIN **PRESS FLEX KEY (01-13)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

PGM	FLEX	ITEM	RANGE	DEFAULT	REMARK
400		DTIB RX Gain			Korean version
	1	DTIB/DKT	00 – 63	26	
	2	DTIB/SLT	00 – 63	33	
	3	DTIB/CTR SL	00 – 63	22	
	4	DTIB/WTU	00 – 63	26	
	5	DTIB/ACO	00 – 63	33	
	6	DTIB/CTR CO	00 – 63	22	
	7	DTIB/DCO	00 – 63	33	
	8	DTIB/VMIB	00 – 63	29	
	9	DTIB/DTMF	00 – 63	8	
	10	DTIB/TONE	00 – 63	32	
	11	DTIB/MUSIC1	00 – 63	29	
	12	DTIB/MUSIC2	00 – 63	29	
	13	DTIB/MUSIC3	00 – 63	29	

17.2 SLIB RX GAIN CONTROL (PGM 401)

PROCEDURE

SLIB RX GAIN **PRESS FLEX KEY (01-13)**	(1) **[TRANS/PGM]** + 401.
SLIB RX GAIN **SLIB/DTIB: 12 (00-63)**	(2) Press one of Flex. BTNs (01~13) to select a device type to change the gain. (Ex. Press Flex. BTN 1.) The LCD shows RX gain of the device from other devices.
SLIB RX GAIN **SLIB/SLIB: 26 (00-63)**	(3) For example, press the Flex. BTN 2 to change the Rx gain of SLIB from the other SLIB.
SLIB RX GAIN **SLIB/SLIB: 45 (00-63)**	(4) To change the gain dial new gain (00-63) and LCD shows the changed value. (Ex. dial 45.)
SLIB RX GAIN **PRESS FLEX KEY (01-13)**	(5) Press the **[HOLD/SAVE]** button for updating database permanently.
SLIB RX GAIN **PRESS FLEX KEY (01-13)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory..

PGM	FLEX	ITEM	RANGE	DEFAULT	REMARK
401		SLIB RX Gain			
	1	SLIB/DKT	00 – 63	12	
	2	SLIB/SLT	00 – 63	23	ARIA-130 : Default 27
	3	SLIB/CTR SL	00 – 63	12	ARIA-130 : Default 16
	4	SLIB/WTU	00 – 63	12	
	5	SLIB/ACO	00 – 63	21	
	6	SLIB/CTR CO	00 – 63	12	
	7	SLIB/DCO	00 – 63	24	
	8	SLIB/VMIB	00 – 63	20	
	9	SLIB/DTMF	00 – 63	8	
	10	SLIB/TONE	00 – 63	18	
	11	SLIB/MUSIC1	00 – 63	20	
	12	SLIB/MUSIC2	00 – 63	20	
	13	SLIB/MUSIC3	00 – 63	20	

17.3 CTR SLIB RX GAIN CONTROL (PGM 402)

PROCEDURE

SLIB12 RX GAIN **PRESS FLEX KEY (01-13)**	(1) **[TRANS/PGM]** + 402.
SLIB12 RX GAIN **SLIB12/DTIB: 12 (00-63)**	(2) Press one of Flex. BTNs (01~13) to select a device type to change the gain. (Ex. Press Flex. BTN 1.) The LCD shows RX gain of the device from other devices.
SLIB12 RX GAIN **SLIB12/SLIB: 26 (00-63)**	(3) For example, press the Flex. BTN 2 to change the Rx gain of SLIB12 from SLIB.
SLIB12 RX GAIN **SLIB12/SLIB: 45 (00-63)**	(4) To change the gain dial new gain (00-63) and LCD shows the changed value. (Ex. dial 45.)
SLIB12 RX GAIN **PRESS FLEX KEY (01-13)**	(5) Press the **[HOLD/SAVE]** button for updating database permanently.
SLIB12 RX GAIN **PRESS FLEX KEY (01-13)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

PGM	FLEX	ITEM	RANGE	DEFAULT	REMARK
402		CTR SLIB RX Gain			
	1	CTRSL2/DKT	00 – 63	32	
	2	CTRSL2/SLT	00 – 63	43	ARIA-130 : Default 47
	3	CTRSL2/ CTR SL	00 – 63	32	ARIA-130 : Default 36
	4	CTRSL2/WTU	00 – 63	32	
	5	CTRSL2/ACO	00 – 63	41	
	6	CTRSL2/ATR CO	00 – 63	32	
	7	CTRSL2/DCO	00 – 63	44	
	8	CTRSL2/VMIB	00 – 63	40	
	9	CTRSL2/DTMF	00 – 63	28	
	10	CTRSL2/TONE	00 – 63	38	
	11	CTRSL2/MUSIC1	00 – 63	40	
	12	CTRSL2/MUSIC2	00 – 63	40	
	13	CTRSL2/MUSIC3	00 – 63	40	

17.4 WTIB RX GAIN CONTROL (PGM 403)

PROCEDURE

WTIB RX GAIN **PRESS FLEX KEY (01-13)**	(1) **[TRANS/PGM]** + 403.
WTIB RX GAIN **WTIB/DTIB: 26 (00-63)**	(2) Press one of Flex. BTNs (01~13) to select a device type to change the gain. (Ex. Press Flex. BTN 1.) The LCD shows RX gain of the device from other devices.
WTIB RX GAIN **WTIB/SLIB: 33 (00-63)**	(3) For example, press the Flex. BTN 2 to change the Rx gain of WTIB from SLIB.
WTIB RX GAIN **WTIB/SLIB: 45 (00-63)**	(4) To change the gain dial new gain (00-63) and LCD shows the changed value. (Ex. dial 45.)
WTIB RX GAIN **PRESS FLEX KEY (01-13)**	(5) Press the **[HOLD/SAVE]** button for updating database permanently.
WTIB RX GAIN **PRESS FLEX KEY (01-13)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

PGM	FLEX	ITEM	RANGE	DEFAULT	REMARK
403		WTIB RX Gain			
	1	WTIB/DKT	00 – 63	26	
	2	WTIB/SLT	00 – 63	33	
	3	WTIB/CTR SL	00 – 63	22	
	4	WTIB/WTU	00 – 63	26	
	5	WTIB/ACO	00 – 63	38	
	6	WTIB/CTR CO	00 – 63	29	
	7	WTIB/DCO	00 – 63	33	
	8	WTIB/VMIB	00 – 63	29	
	9	WTIB/DTMF	00 – 63	8	
	10	WTIB/TONE	00 – 63	37	
	11	WTIB/MUSIC1	00 – 63	29	
	12	WTIB/MUSIC2	00 – 63	29	
	13	WTIB/MUSIC3	00 – 63	29	

17.5 ACOB RX GAIN CONTROL (PGM 404)

PROCEDURE

ACOB RX GAIN **PRESS FLEX KEY (01-14)**	(1) **[TRANS/PGM]** + 404.
ACOB RX GAIN **ACOB/DTIB: 26 (00-63)**	(2) Press one of Flex. BTNs (01~14) to select a device type to change the gain. (Ex. Press Flex. BTN 1.) The LCD shows RX gain of the device from other devices.
ACOB RX GAIN **ACOB/SLIB: 37 (00-63)**	(3) For example, press the Flex. BTN 2 to change the Rx gain of ACOB from SLIB.
ACOB RX GAIN **ACOB/SLIB: 45 (00-63)**	(4) To change the gain dial new gain (00-63) and LCD shows the changed value. (Ex. dial 45.)
ACOB RX GAIN **PRESS FLEX KEY (01-14)**	(5) Press the **[HOLD/SAVE]** button for updating database permanently.
ACOB RX GAIN **PRESS FLEX KEY (01-14)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

PGM	FLEX	ITEM	RANGE	DEFAULT	REMARK
404		ACOB RX Gain			
	1	ACOB/DKT	00 – 63	26	
	2	ACOB/SLT	00 – 63	37	
	3	ACOB/CTR SL	00 – 63	27	
	4	ACOB/WTU	00 – 63	26	
	5	ACOB/ACO	00 – 63	36	
	6	ACOB/STR CO	00 – 63	27	
	7	ACOB/DCO	00 – 63	33	
	8	ACOB/VMIB	00 – 63	32	
	9	ACOB/DTMF	00 – 63	32	
	10	ACOB/TONE	00 – 63	32	
	11	ACOB/MUSIC1	00 – 63	32	
	12	ACOB/MUSIC2	00 – 63	32	
	13	ACOB/MUSIC3	00 – 63	32	
	14	ACOB/MODEM	00 – 63	37	

17.6 CTR ACOB RX GAIN CONTROL (PGM 405)

PROCEDURE

ACOB8 RX GAIN **PRESS FLEX KEY (01-14)**	(1) **[TRANS/PGM]** + 405.
ACOB8 RX GAIN **ACOB8/DTIB: 26 (00-63)**	(2) Press one of Flex. BTNs (01~14) to select a device type to change the gain. (Ex. Press Flex. BTN 1.) The LCD shows RX gain of the device from other devices.
ACOB8 RX GAIN **ACOB8/SLIB: 37 (00-63)**	(3) For example, press the Flex. BTN 2 to change the Rx gain of LCOB8 from SLIB.
ACOB8 RX GAIN **ACOB8/SLIB: 45 (00-63)**	(4) To change the gain dial new gain (00-63) and LCD shows the changed value. (Ex. dial 45.)
ACOB8 RX GAIN **PRESS FLEX KEY (01-14)**	(5) Press the **[HOLD/SAVE]** button for updating database permanently.
ACOB8 RX GAIN **PRESS FLEX KEY (01-14)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

PGM	FLEX	ITEM	RANGE	DEFAULT	REMARK
405		CTR ACOB RX Gain			
	1	CTRCO8/DKT	00 – 63	28	
	2	CTRCO8/SLT	00 – 63	43	
	3	CTRCO8/CTR SL	00 – 63	32	
	4	CTRCO8/WTU	00 – 63	31	
	5	CTRCO8/ACO	00 – 63	41	
	6	CTRCO8/CTR CO	00 – 63	32	
	7	CTRCO8/DCO	00 – 63	38	
	8	CTRCO8/VMIB	00 – 63	37	
	9	CTRCO8/DTMF	00 – 63	37	
	10	CTRCO8/TONE	00 – 63	37	
	11	CTRCO8/MUSIC1	00 – 63	37	
	12	CTRCO8/MUSIC2	00 – 63	37	
	13	CTRCO8/MUSIC3	00 – 63	37	
	14	CTRCO8/MODEM	00 – 63	44	

17.7 DCOB RX GAIN CONTROL (PGM 406)

PROCEDURE

DCOB8 RX GAIN **PRESS FLEX KEY (01-14)**	(6) **[TRANS/PGM]** + 406.
DCOB8 RX GAIN **DCOB8/DTIB: 26 (00-63)**	(7) Press one of Flex. BTNs (01~14) to select a device type to change the gain. (Ex. Press Flex. BTN 1.) The LCD shows RX gain of the device from other devices.
DCOB8 RX GAIN **DCOB8/SLIB: 37 (00-63)**	(8) For example, press the Flex. BTN 2 to change the Rx gain of DCOB from SLIB.
DCOB8 RX GAIN **DCOB8/SLIB: 45 (00-63)**	(9) To change the gain dial new gain (00-63) and LCD shows the changed value. (Ex. dial 45.)
DCOB8 RX GAIN **PRESS FLEX KEY (01-14)**	(10) Press the **[HOLD/SAVE]** button for updating database permanently.
DCOB8 RX GAIN **PRESS FLEX KEY (01-14)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

PGM	FLEX	ITEM	RANGE	DEFAULT	REMARK
406		DCOB RX Gain			
	1	DCOB/DKT	00 – 63	26	
	2	DCOB/SLT	00 – 63	37	
	3	DCOB/CTR SL	00 – 63	26	
	4	DCOB/WTU	00 – 63	26	
	5	DCOB/ACO	00 – 63	24	
	6	DCOB/CTR CO	00 – 63	15	
	7	DCOB/DCO	00 – 63	32	
	8	DCOB/VMIB	00 – 63	32	
	9	DCOB/DTMF	00 – 63	32	
	10	DCOB/TONE	00 – 63	32	
	11	DCOB/MUSIC1	00 – 63	32	
	12	DCOB/MUSIC2	00 – 63	32	
	13	DCOB/MUSIC3	00 – 63	32	
	14	DCOB/MODEM	00 – 63	37	

17.8 VMIB RX GAIN CONTROL (PGM 407)

PROCEDURE

VMIB RX GAIN **PRESS FLEX KEY (1-9)**	(1) **[TRANS/PGM]** + 407.
VMIB RX GAIN **VMIB/DTIB: 21 (00-63)**	(2) Press one of Flex. BTNs (1~9) to select a device type to change the gain. (Ex. Press Flex. BTN 1.) The LCD shows RX gain of the device from other devices.
VMIB RX GAIN **VMIB/SLIB: 32 (00-63)**	(3) For example, press the Flex. BTN 2 to change the Rx gain of VMIB from SLIB.
VMIB RX GAIN **VMIB/SLIB: 45 (00-63)**	(4) To change the gain, dial new gain (00-63) and LCD shows the changed value. (Ex. dial 45.)
VMIB RX GAIN **PRESS FLEX KEY (1-9)**	(5) Press the **[HOLD/SAVE]** button for updating database permanently.
VMIB RX GAIN **PRESS FLEX KEY (1-9)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

PGM	FLEX	ITEM	RANGE	DEFAULT	REMARK
407		VMIB RX Gain			
	1	VMIB/DKT	00 – 63	21	
	2	VMIB/SLT	00 – 63	32	
	3	VMIB/CTR SL	00 – 63	21	
	4	VMIB/WTU	00 – 63	26	
	5	VMIB/ACO	00 – 63	32	
	6	VMIB/CTR CO	00 – 63	23	
	7	VMIB/DCO	00 – 63	32	
	8	VMIB/MUSIC1	00 – 63	32	
	9	VMIB/MUSIC2	00 – 63	32	

17.9 DTMF RCVR RX GAIN CONTROL (PGM 408)

PROCEDURE

DTMF RCVR RX GAIN **PRESS FLEX KEY (1-5)**	(1) **[TRANS/PGM]** + 408.
DTMF RCVR RX GAIN **DTMF RC/SLIB: 37 (00-63)**	(2) Press one of Flex. BTNs (1~5) to select a device type to change the gain. (Ex. Press Flex. BTN 1.) The LCD shows RX gain of the device from other devices.
DTMF RCVR RX GAIN **DTMF RC/ACOB: 24 (00-63)**	(3) For example, press the Flex. BTN 3 to change the Rx gain of DTMF Receiver from ACOB.
DTMF RCVR RX GAIN **DRMF RC/ACOB: 45 (00-63)**	(4) To change the gain dial new gain (00-63) and LCD shows the changed value. (Ex. dial 45.)
DTMF RCVR RX GAIN **PRESS FLEX KEY (1-5)**	(5) Press the **[HOLD/SAVE]** button for updating database permanently.
DTMF RCVR RX GAIN **PRESS FLEX KEY (1-5)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

PGM	FLEX	ITEM	RANGE	DEFAULT	REMARK
408		DTMF RC Gain			
	1	DTMF/SLT	00 – 63	28	
	2	DTMF/CTR SL	00 – 63	17	
	3	DTMF/ACO	00 – 63	24	
	4	DTMF/CTR CO	00 – 63	15	
	5	DTMF/DCO	00 – 63	24	

17.10 EXT PAGE RX GAIN CONTROL (PGM 409)

PROCEDURE

EXT PAGE RX GAIN **PRESS FLEX KEY (1-11)**	(1) **[TRANS/PGM]** + 409.
EXT PAGE RX GAIN **EXT PAG /DTIB: 26 (00-63)**	(2) Press one of Flex. BTNs (1~11) to select a device type to change the gain. (Ex. Press Flex. BTN 1.) The LCD shows RX gain of the device from other devices.
EXT PAGE RX GAIN **EXT PAG /SLIB: 37 (00-63)**	(3) For example, press the Flex. BTN 2 to change the Rx gain of External Page from SLIB.
EXT PAGE RX GAIN **EXT PAG /SLIB: 45 (00-63)**	(4) To change the gain dial new gain (00-63) and LCD shows the changed value. (Ex. dial 45.)
EXT PAGE RX GAIN **PRESS FLEX KEY (1-11)**	(5) Press the **[HOLD/SAVE]** button for updating database permanently.
EXT PAGE RX GAIN **PRESS FLEX KEY (1-11)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

PGM	FLEX	ITEM	RANGE	DEFAULT	REMARK
409		EXT PAGE Gain			
	1	EXT PAGE/DKT	00 – 63	26	
	2	EXT PAGE/SLT	00 – 63	37	
	3	EXT PAGE/CTR SL	00 – 63	26	
	4	EXT PAGE/WTU	00 – 63	26	
	5	EXT PAGE/ACO	00 – 63	37	
	6	EXT PAGE/CTR CO	00 – 63	28	
	7	EXT PAGE/DCO	00 – 63	37	
	8	EXT PAGE/VMIB	00 – 63	37	
	9	EXT PAGE/MUSIC1	00 – 63	37	
	10	EXT PAGE/MUSIC2	00 – 63	37	
	11	EXT PAGE/MUSIC3	00 – 63	37	

17.11 CPT RX GAIN CONTROL (PGM 410)

PROCEDURE

CPT RX GAIN **PRESS FLEX KEY (1-3)**	(1) **[TRANS/PGM]** + 410.
CPT RX GAIN **CPT/ACOB: 24 (00-63)**	(2) Press one of Flex. BTNs (1~3) to select a device type to change the gain. (Ex. Press Flex. BTN 1.) The LCD shows RX gain of the device from other devices.
CPT RX GAIN **CPT/DCOB: 24 (00-63)**	(3) For example, press the Flex. BTN 3 to change the Rx gain of CPT from DCOB.
CPT RX GAIN **CPT/DCOB: 45 (00-63)**	(4) To change the gain dial new gain (00-63) and LCD shows the changed value. (Ex. dial 45.)
CPT RX GAIN **PRESS FLEX KEY (1-3)**	(5) Press the **[HOLD/SAVE]** button for updating database permanently.
CPT RX GAIN **PRESS FLEX KEY (1-3)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

PGM	FLEX	ITEM	RANGE	DEFAULT	REMARK
410		CPT Gain			
	1	CPT/ACO	00 – 63	24	
	2	CPT/CTR CO	00 – 63	15	
	3	CPT/DCO	00 – 63	24	

17.12 MODEM RX GAIN CONTROL (PGM 411)

PROCEDURE

MODEM RX GAIN **PRESS FLEX KEY (1-3)**	(1) **[TRANS/PGM]** + 411.
MODEM RX GAIN **MODEM /ACOB: 24 (00-63)**	(2) Press one of Flex. BTNs (1~3) to select a device type to change the gain. (Ex. Press Flex. BTN 1.) The LCD shows RX gain of the device from other devices.
MODEM RX GAIN **MODEM /DCOB: 24 (00-63)**	(3) For example, press the Flex. BTN 3 to change the Rx gain of Modem from DCOB.
MODEM RX GAIN **MODEM /DCOB: 45 (00-63)**	(4) To change the gain dial new gain (00-63) and LCD shows the changed value. (Ex. dial 45.)
MODEM RX GAIN **PRESS FLEX KEY (1-3)**	(5) Press the **[HOLD/SAVE]** button for updating database permanently.
MODEM RX GAIN **PRESS FLEX KEY (1-3)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

PGM	FLEX	ITEM	RANGE	DEFAULT	REMARK
411		MODEM Gain			
	1	MODEM/ACO	00 – 63	24	
	2	MODEM/CTR CO	00 – 63	20	
	3	MODEM/DCO	00 – 63	24	

17.13 SYSTEM TONE FREQUENCY (PGM 420)

Frequency, user entered (dial tone, ringback tone, error tone, busy tone, dummy dial tone), may be changed to the closest system frequency that provides.

PROCEDURE

SYS-TONE FREQUENCY **DIAL (1-5)**	(1) **[TRANS/PGM]** + 420.
DIAL TONE FREQUENCY **T1:0425 T2:0000**	(2) To change system tone frequency, dial 1-5 and press Flex. BTN 1 (T1) or BTN 2 (T2) and dial 4 digits to enter new frequency.
SYS-TONE FREQUENCY **DIAL (1-5)**	(3) Press the **[HOLD/SAVE]** button for updating database permanently.
SYS-TONE FREQUENCY **DIAL (1-5)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	ITEM	RANGE	DEFAULT	REAMRK
1	Dial Tone	0000 - 9999	T1: -0425 T2: -0000	Nation specific
2	RingBack Tone	0000 - 9999	T1: -0425 T2: -0000	Nation specific
3	Busy Tone	0000 – 9999	T1: -0425 T2: -0000	Nation specific
4	Error Tone	0000 – 9999	T1: -0620 T2: -0000	Nation specific
5	Dummy Dial Tone	0000- 9999	T1: -0350 T2: -0440	Nation specific

TABLE 15.18.1 Button Configuration for System Tone Frequency (PGM 420)

17.14 DIFFERENTIAL RING FREQUENCY (PGM 421)

Frequency for 4 differential rings may be changed to the closet ring frequency that provides. Station can change its own ring type signal by PGM 111-BTN 9.

PROCEDURE

DIFF RING FREQUENCY **DIAL (1-4)**	(1) **[TRANS/PGM]** + 421.
DIFF RING FREQ(RNG 1) **T1:1000 T2:1020**	(2) To change ring frequency of calling party, dial 1-4 and press Flex. BTN 1 (T1) or BTN 2 (T2) and dial 4 digits to enter new frequency.
DIFF RING FREQUENCY **DIAL (1-4)**	(3) Press the **[HOLD/SAVE]** button for updating database permanently.
DIFF RING FREQUENCY **DIAL (1-4)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	ITEM	RANGE	DEFAULT	REAMRK
1	Ring 1	0000 - 9999	T1: -1000 T2: -1020	Nation specific
2	Ring 2	0000 - 9999	T1: -0890 T2: -0910	Nation specific
3	Ring 3	0000 – 9999	T1: -1260 T2: -1280	Nation specific
4	Ring 4	0000 – 9999	T1: -0800 T2: -0820	Nation specific

TABLE 15.19.1 Button Configuration for Differential Ring Frequency (PGM 421)

17.15 DISTINCT RING FREQUENCY (PGM 422)

Frequency for 4 distinct rings may be changed to the closet ring frequency that provides. The CO line can give its own ring type signal to the station in the system. It is assigned at PGM 142-BTN 5.

PROCEDURE

DISTINCT RING FREQUENCY **DIAL (1-4)**	(1) **[TRANS/PGM]** + 422.
DIST RING FREQ(RNG 1) **T1:0480 T2:0000**	(2) To change distinct CO ring frequency of called party, dial 1-4 and press BTN 1 (T1) or BTN 2 (T2) and dial 4 digits to enter new frequency.
DIST RING FREQUENCY **DIAL (1-4)**	(3) Press the **[HOLD/SAVE]** button for updating database permanently.
DIST RING FREQUENCY **DIAL (1-4)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	ITEM	RANGE	DEFAULT	REAMRK
1	Ring 1	0000 - 9999	T1: -0480 T2: -0000	Nation specific
2	Ring 2	0000 - 9999	T1: -0400 T2: -0000	Nation specific
3	Ring 3	0000 – 9999	T1: -0620 T2: -0000	Nation specific
4	Ring 4	0000 – 9999	T1: -0770 T2: -0000	Nation specific

TABLE 15.20.1 Button Configuration for Distinct Ring Frequency (PGM 422)

17.16 ACNR TONE CADENCE (PGM 423)

Ring back tone, busy tone, error tone, or secondary dial tone may be programmed for ACNR.

PROCEDURE

ACNR TONE CADENCE (20MS) **DIAL (1-4)**	(1) **[TRANS/PGM]** + 423.
RBACK TONE CADENCE **ON:050 OFF:100 (20MS)**	(2) To change ACNR tone cadence, dial 1-4 and press BTN 1 (T1) or BTN 2 (T2) and dial 4 digits to enter new cadence.
ACNR TONE CADENCE (20MS) **DIAL (1-4)**	(3) Press the **[HOLD/SAVE]** button for updating database permanently.
ACNR TONE CADENCE (20MS) **DIAL (1-4)**	● Press the **[CONF]** button instead of the **[HOLD/SAVE]** button, then system goes to step (1) without updating system memory.

BTN	ITEM	RANGE	DEFAULT	REMARK
1	Ring-Back Tone	000 - 255	ON: 050 / OFF: 100	20msec base
2	Busy Tone	000 - 255	ON: 025 / OFF: 025	20msec base
3	Error Tone	000 - 255	ON: 012 / OFF: 012	20msec base
4	S-Dial Tone	000 - 255	ON: 070 / OFF: 000	20msec base

TABLE 15.21.1 Button Configuration for ACNR Cadence (PGM 423)

18 INITIALIZATION (PGM 450)

The system has been pre-programmed with certain features which are called default data. These features are loaded into memory when the system is initialized. The system should be always initialized when installed or at any time the database has been corrupted. To initialize the system to the default values, proceed as follows;

PROCEDURE

INITIALIZATION **PRESS FLEX KEY (1-15)**	(1) **[TRANS/PGM]** + 450.
INITIALIZATION **FLEX NUM PLAN**	(2) Press one of Flex. BTNs (1-15) as described below table (Ex. Flex. BTN 1).
INITIALIZATION **FLEX NUM PLAN**	(3) Press the **[HOLD/SAVE]** button, then database is initialized with default data. Confirmation tone is heard.

BTN	ITEM	REMARK
1	Flexible Numbering Plan Initialization	**PGM105, PGM106, PGM107**
2	Station Database Initialization	**PGM110, PGM 111, PGM112, PGM113, PGM114, PGM 116, PGM117, PGM118, PGM119, PGM 121, PGM122, PGM123, PGM124, PGM 179**
3	CO Line Database Initialization	**PGM140, PGM141, PGM142, PGM143, PGM144**
4	System Feature Database Initialization	**PGM160 – PGM 177, PGM108**
5	Station Group Database Initialization	**PGM190, PGM191**
6	ISDN Tables Database Initialization	**PGM201, PGM202, PGM230, PGM231**
7	Reserved	**None(Reserved)**
8	System Timer Database Initialization	**PGM180 – PGM182**
9	Toll Table Database Initialization	**PGM224, PGM225**
10	LCR Database Initialization	**PGM220 – PGM222**
11	Tables Initialization	**PGM227 – PGM229,** **PGM232 – PGM235**
12	Flexible Button Program Initialization	**PGM115**
13	Networking Database Initialization	**PGM 320, PGM 321, PGM 322, PGM 323, PGM 324**
14	All Database Initialization	**Above All**
15	System Reset By Software	
16	DID RERT Table	

TABLE 16.1 Initialization (PGM 450)

19 PRINT PROT DATABASE (PGM 451)

In order to obtain a hard copy printout of the database, a printer should be connected to the RS-232C connector.

PROCEDURE

PROT DATA PRINT **PRESS FLEX KEY (01-15)**	(1) **[TRANS/PGM]** + 451.
PROT DATA PRINT **STATION DATA**	(2) To print database, press one of Flex. BTNs 01-15 and if there are entered data for selecting printed part, then selected database name will be displayed on the LCD.
PROT DATA PRINT **STATION DATA**	(3) To print out the selected database at step (2), press the **[HOLD/SAVE]** button. (Ex. Station Database). After printing database, confirmation tone is heard.

BTN	ITEM		RANGE	DEFAULT	REMARK
1	Flexible Numbering Plan Print				
2	Station Database Print		STN_R		
3	CO Line Database Print		CO_R		
4	System Feature Database Print				
5	Station Group Database Print				
6	ISDN Tables Database Print				
7	System Timer Database Print				
8	Toll Table Database Print				
9	LCR Database Print				
10	Other Tables Print				
11	Nation Specific Database Print				
12	Flexible Button Program Print		STN_R		
13	Network Data				
14	All Database Print				
15	LCD Message Print				
	1	Language	00 – 12	Nation specific	00:ENG 01:ITA 02:FIN 03:DUT 04:SWE 05:DAN 06:NOR 07:Hebrew 08:GER 09:FRE 10:POR 11:SPA 12:KOR
	2	Station Type	0 – 2	0	0: NORMAL 1:LG-GAP 2:LARGE
16	Quit Print				

TABLE 17.1 Database Print (PGM 451)

20 Initialize by MPB Version (PGM 452)

When Upgrading LDK system to later version, added database can be initialized according to MPB version.

For example, if you upgraded to version 3.0, then initialize database by ADMIN 452 – FLEX 5 with DIP switch 8 protected. By doing this, you need not to initialize the whole database.

PGM	FLEX	ITEM	REMARK
451	1	Init Version 2.2	Press Hold to Init.
	2	Init Station Name	Press Hold to Init.
	3	Init Version 2.3	Press Hold to Init.
	4	Init Version 2.5	Press Hold to Init.
	5	Init Version 3.0	Press Hold to Init.

(Printing Example applying to ARIA-300)

Flexible Numbering Plan	STN Flex Numbering

PGM 106 Flexible Numbering Plan A

STA GRP PILOT NUMBER	: 620-667
INT PAGE ZONES	: 501-535
INT ALL CALL	: 543
MEET ME PAGE	: 544
EXT PAGE ZONE	: 545
EXT PAGE ZONE	: 546
EXT PAGE ZONE	: 547
EXT ALL	: 548
ALL CALL PAGE	: 549
SMDR ACT CODE ENTER	: 550
FLASH CMD TO CO	: 551
SLT LAST SPD DIAL	: 552
DND	: 553
CALL FWD	: 554
SPD DIAL PGM	: 555
MSG WAIT ENABLE	: 556
MSG WAIT RETURN	: 557
SPD DIAL ACCESS	: 558
DND/FWD CANCEL	: 559
SLT_HOLD	: 560
STA RELOC BACKUP	: 561
STA RELOC RETRIEVE	: 562
SLT PGM MODE ENTER	: 563
ACD REROUTE	: 564

PGM 107 Flexible Numbering Plan B

ALARM RESET	: 565
GROUP CALL PKUP	: 566
UCD DND	: 568
NIGHT ANSWER	: 569
CALL PARK LOCATIONS	: 601-619
DIRECT CALL PKUP	: 7
ACCESS CO GROUP FEAT	: 801-872
ACCESS IND CO FEAT	: 88
TIE ROUTING ACCESS	: 8901
ACCESS HELD CO FEAT	: 8*
ACCESS HELD IND CO FEAT	: 8#
ACCESS CO IN 1ST CO GRP	: 9
ATTENDANT CALL	: 0
DOOR OPEN 1	: #*1
DOOR OPEN 2	: #*2
DOOR OPEN 3	: #*3
DOOR OPEN 4	: #*4
DOOR OPEN 5	: #*5
DOOR OPEN 6	: #*6
DOOR OPEN 7	: #*7
VM MSG WAIT ENABLE	: *8
VM MSG WAIT CANCEL	: *9

Station Attributes	Station Attributes ---------- Station 100 Attribute ========== Station ID : KEYSET STATION ATTR1 (PGM111) AUTO SPKR :ON CALL FWD :OFF DND :OFF DATA SEC :OFF HOWLING :ON I-BOX SGNL:ON NO TCH ANS:ON PAGE ACC :OFF RING TYPE :0 SPK RING :HEAD SPK PHONE :ON VMIB SLOT :0 ICM GROUP :1 ERR TONE TAD:ON FLASH DROP:OFF STATION ATTR2 (PGM112) CO WARN :OFF AUTO HOLD :OFF TIME REST :OFF CO ACCESS :ENABLE CO QUEUE :ENABLE CO PGM :DISABLE PLA :ENABLE PREPAID :OFF SPD ACC :ENABLE TWOWAY RED:OFF FAX MODE :OFF OFFNET MOD:ALL UCD GRP SVC :OFF RING GRP SVC:OFF STATION ATTR3 (PGM113) ADMIN :ENABLE VMIB ACC :DISABLE GRP LISTN :DISABLE OVERRIDE :DISABLE SMDR HDN :DISABLE VOICE OVR :DISABLE WARM LINE :WARM ALARM MISB:OFF ALARM RAU1:OFF ALARM RAU2:OFF STATION ATTR4 (PGM114) CLIP DISP :ON COLP DISP :OFF CLI/REDIRT:CLI CLI M-WAIT:OFF EXT OR ATD:EXT KEYPAD FAC:DTMF LONG/SHORT:SHORT SUB ADDR :NOT_USED AUTO TEI :FIXED CLI NAME D:OFF CLI OUT NUM:100 PROG IND :OFF ISDN CLIR D:OFF ISDN COLR D:OFF DID REST : OFF STATION COS (PGM116) DAY COS : 1 NIGHT COS : 1 : *(Printed like above for another station to range end station.)*
Flex Buttons Assignment	Flex Button Assignment Station 101 Flex Button ========== BTN 1 BTN 2 BTN 3 BTN 4 BTN 5 BTN 6 BTN 7 BTN 8 CO 1 CO 2 CO 3 CO 4 CO 5 CO 6 CO 7 LOOP BTN 9 BTN 10 BTN 11 BTN 12 BTN 13 BTN 14 BTN 15 BTN 16 EMPTY EMPTY EMPTY EMPTY EMPTY EMPTY EMPTY EMPTY BTN 17 BTN 18 BTN 19 BTN 20 BTN 21 BTN 22 BTN 23 BTN 24 EMPTY EMPTY EMPTY EMPTY EMPTY EMPTY EMPTY EMPTY BTN 25 BTN 26 BTN 27 BTN 28 BTN 29 BTN 30 BTN 31 BTN 32 EMPTY EMPTY EMPTY EMPTY EMPTY EMPTY EMPTY EMPTY BTN 33 BTN 34 BTN 35 BTN 36 BTN 37 BTN 38 BTN 39 BTN 40 EMPTY EMPTY EMPTY EMPTY EMPTY EMPTY EMPTY EMPTY BTN 41 BTN 42 BTN 43 BTN 44 BTN 45 BTN 46 BTN 47 BTN 48 EMPTY EMPTY EMPTY EMPTY EMPTY EMPTY EMPTY EMPTY : *(Printed like above for all keysets)*

CO Line Attributes	CO Line Attribute CO Line Ring Assignment ========== CO 001 Ring Assignment DAY : STA101(0) NIGHT: STA101(0) ON-D : STA101(0) WEEK : STA101(0) Coline 1 Attribute ========== Coline Attr1 (PGM141) CO GRP :1 CO COS :1 DISA ACCT :OFF CO ASGN TYPE :LOOP COLINE TYPE :CO OUT SGNL TYPE :DTMF FLASH TYPE :LOOP UNA :OFF CO GRP ACCT :OFF Coline Attr2 (PGM142) NAME DISPLAY :OFF CO NAME : SMDR METER :NONE LINE DROP(CPN):OFF DIST RING TYPE:0 MOH TYPE :INT MUSIC DIAL TONE :ON RING_BACK TONE:OFF ERROR TONE :OFF BUSY TONE :OFF ANNC TONE :OFF CO FLASH TMR :5 OPEN LOOP TMR :0 Coline Attr3 (PGM143) COLP TBL INDEX :NOT_ASG CLIP TBL INDEX:NOT_ASG CALL TYPE :NATIONAL DID CONV TYPE :0 DID RM NO :0 ENBLOCK SEND :OFF *(Printed like above for another CO line)*

System Database	PGM 100: Location Information Nation Code: 82 (KOREA) Site Name: Area Code: Station Prefix Code: .... PGM 101: Slot Information Slot# Board ID DEVS ----- ---------- ---------- 1 DTIB12 12 STA devices 2 UNKNOWN 0 devices 3 UNKNOWN 0 devices 4 UNKNOWN 0 devices 5 UNKNOWN 0 devices 6 PRIB 30 COL devices 7 STIB 4 STA devices, 4 COL devices 8 UNKNOWN 0 devices 9 UNKNOWN 0 devices 10 UNKNOWN 0 devices 11 UNKNOWN 0 devices 12 UNKNOWN 0 devices 13 UNKNOWN 0 devices 14 UNKNOWN 0 devices 15 UNKNOWN 0 devices 16 UNKNOWN 0 devices 17 UNKNOWN 0 devices 18 UNKNOWN 0 devices 19 UNKNOWN 0 devices 20 UNKNOWN 0 devices 21 UNKNOWN 0 devices 22 UNKNOWN 0 devices 23 UNKNOWN 0 devices 24 UNKNOWN 0 devices 25 UNKNOWN 0 devices 26 UNKNOWN 0 devices 27 UNKNOWN 0 devices PGM 160 : System Attributes ATD CALL QUE RB TONE : OFF CAMP MOH/RBT : MOH CO LINE CHOICE : LAST DISA RETRY CNT : 3 ICM CONT DIAL TONE : CONT CO DIAL TONE DET : OFF EXT NIGHT RING : OFF HOLD PREFERENCE : SYS MULTI LINE CONF : ON PRT LCR CONV DGT : OFF CONF WARN TONE : ON PGM 161 : System Attributes NETWORK TIME/DATE SET : OFF OFF_HOOK RING SIG : MUTE OVRIDE 1ST CO GRP : OFF PAGE WARN TONE : ON AUTO PRIVACY : ON PRIVACY WARN TONE : ON SINGLE RING FOR CO : NO WTU AUTO RLS : OFF ACD PRN ENABLE : OFF ACD PRINT TMR : ON ACD CLR AFTER PRN : OFF ACD PRINT TMR UNIT : SEC

System Database	Other System Attributes ALARM ENABLE : OFF ALARM CONTACT : CLOSE ALARM MODE : ALARM ALARM SIGNAL MODE : ON CO2CO DAY COS : 1 CO2CO NIGHT COS : 1 BUSY DESTINATION : TONE ERROR DESTINATION : TONE NO ANS DESTINATION : TONE DIAL PULSE BRK RATIO : 66/33 EXT CNT(1):... EXT CNT(2):... EXT CNT(3):... EXT CNT(4):... EXT CNT(5):... EXT CNT(6):... EXT CNT(7):... RS232_PORT_1 BAUDRATE : 19200 RS232_PORT_1 CTS_RTS : OFF RS232_PORT_1 PAGE_BEAK : OFF RS232_PORT_1 LINE PAGE : 60 RS232_PORT_2 BAUDRATE : 19200 RS232_PORT_2 CTS_RTS : OFF RS232_PORT_2 PAGE_BEAK : OFF RS232_PORT_2 LINE PAGE : 60 RS232_PORT_3 BAUDRATE : 19200 RS232_PORT_3 CTS_RTS : OFF RS232_PORT_3 PAGE_BEAK : OFF RS232_PORT_3 LINE PAGE : 60 RS232_PORT_4 BAUDRATE : 19200 RS232_PORT_4 CTS_RTS : OFF RS232_PORT_4 PAGE_BEAK : OFF RS232_PORT_4 LINE PAGE : 60 RS232_PORT_5 BAUDRATE : 19200 RS232_PORT_5 CTS_RTS : OFF RS232_PORT_5 PAGE_BEAK : OFF RS232_PORT_5 LINE PAGE : 60 LCD TIME MODE : 12H LCD DATE MODE : DDMMYY SMDR Attributes SMDR SAVE : OFF SMDR PRINT : OFF RECORD TYPE : LD LD CALL DGT CNT : 7 PRINT INCOMING CALL : OFF PRINT LOST CALL : OFF RECORD IN DETAIL : ON HIDDEN DIALED DGT : 0 SMDR CURRENCY UNIT : COST PER PULSE : 0 SMDR FRACTION : 0 SMDR START TIMER(1sec): 0 SMDR HIDE DGT : RIGHT SMDR LD CODE: 0 ISDN System Attributes ADVICE OF CHARGE : NO SERVICE CO ATD CODE : .... IN PREFIX CODE INSERT : OFF OUT PREFIX CODE INSERT : ON A_U_LAW LINE INSTALLED : A_LAW CLI PRINT : OFF INTERNATIONAL ACCS CODE: CALLING SUB_ADDRESS : OFF

ISDN Tables	COLP Table Entry ========== COLP TABLE 00 : 12345 ---------- COLP TABLE 01 : 4536799 ---------- COLP TABLE 02 : ---------- COLP TABLE 03 : ---------- COLP TABLE 04 : ---------- COLP TABLE 05 : ---------- COLP TABLE 06 : : MSN Table Entry ========== MSN TABLE 0 ---------- COL_NO : 001. FLEX_DID_NO : .230 SUB_NO : 9 MSN_TEL_NO : 26303621 MSN TABLE 1 ---------- COL_NO : ... FLEX_DID_NO : ... SUB_NO : . MSN_TEL_NO : MSN TABLE 2 ---------- COL_NO : ... FLEX_DID_NO : ... SUB_NO : . MSN_TEL_NO : MSN TABLE 3 ---------- COL_NO : ... FLEX_DID_NO : ... SUB_NO : . MSN_TEL_NO : MSN TABLE 4 ---------- COL_NO : ... FLEX_DID_NO : ... SUB_NO : . MSN_TEL_NO : : Flexible Did Conv Table Entry ========== DID CONV TABLE 0 ---------- COL NAME : DAY DESTINATION : STA230 NIGHT DESTINATION : VMIB(#) 50 WEEKEND DESTINATION :SPD 2500 DID CONV TABLE 1 ---------- COL NAME : DAY DESTINATION : .... NIGHT DESTINATION : .... WEEKEND DESTINATION : .... DID CONV TABLE 2 ---------- COL NAME : DAY DESTINATION : .... NIGHT DESTINATION : .... WEEKEND DESTINATION : .... :

System Timers

System Timer Assignment

==========

System Timer 1

ATD RCL TIMER(min) :1 CALL PARK TIMER(sec) :120
CAMPON TRNS RCL TIMER(sec) :30 EXCL HOLD RCL TIMER(sec) :60 I-HOLD RCL TIMER(sec) :30 SYS HOLD RCL TIMER(sec) :30 TRANSFER RCL TIMER(sec) :30 ACNR DELAY TIMER(sec) :30 ACNR NO ANS TIMER(sec) :30 ACNR PAUSE TIMER(sec) :30 ACNR RETRY CNT :3 ACNR NO TONE RTY CNT :1
ACNR TONE DCT TIMER(sec) :30 CO AUTO RLS TIMER(sec) :30
CCR INT DGT TIMER(100ms) :30 CALL DROP WARN TIMER(sec) :10 CALL RESTRICT TIMER(min) :0 CO DIAL DELAY TIMER(100ms) :1 CO RLS GUARD TIMER(100ms) :2 RING OFF TIMER(100ms) :60
RING ON TIMER(100ms) :2 CO WARN TONE TIMER(sec) :180

System Timer 2

CFW NO ANS TIMER(sec) :15 DISA-DID NO ANS TIMER(sec) :20
VMIB USER RECORD TMR(sec) :20 VMIB VALID MSG TIMER(sec) :4
DOOR OPEN TIMER(100ms) :20 ICM BOX TIMER(sec) :30
DIAL TONE TIMER(sec) :10 INTER DGT TIMER(sec) :5
MSG WAIT REM TONE TMR(min) :0 PAGE TIMEOUT TIMER(sec) :15 PAUSE TIMER(sec) :3 PRESET CFW TIMER(sec) :10

System Timer 3

SLT HOOK BOUNCE TMR(100ms) :1 SLT MAX HOOK FLASH(100ms) :5
SLT MIN HOOK FLASH(10ms) :20 SLT RING PHASE(sec) :5 STA AUTO RLS TIMER(sec) :60 UNSUPER CONF TMR(min) :10
WAKE UP FAIL TIMER(sec) :20 WARM LINE TIMER(sec) :5
PP WINK TIMER(10ms) :10 ENBLOCK INT DGT TIMER(sec) :10
CCR TIME OUT TIMER(sec) :15

Toll Data	TOLL Table Data Entry ========== Allow TABLE A Bin 1 : 012 Bin 2 : Bin 3 : Bin 4 : Bin 5 : : Allow TABLE B Bin 1 : 015 Bin 2 : Bin 3 : Bin 4 : Bin 5 : Deny TABLE A Bin 1 : 011 Bin 2 : 080 Bin 3 : 070 Bin 4 : Bin 5 : Deny TABLE B Bin 1 : 001 Bin 2 : 002 Bin 3 : Bin 4 : Bin 5 : Canned TOLL Table Data Entry ========== Canned Allow TABLE Bin 1 : 080 Bin 2 : 012 Bin 3 : 015 Bin 4 : Bin 5 : Canned Deny TABLE Bin 1 : 115 Bin 2 : Bin 3 : Bin 4 : Bin 5 :

LCR Data	LCR Table Data Entry ========== LCR Control Data ========== LCR_ACCESS_MODE : (M00)DISABLE LCR MON : DAY_ZONE(1) TUE : DAY_ZONE(1) WED : DAY_ZONE(1) THU : DAY_ZONE(1) FRI : DAY_ZONE(1) SAT : DAY_ZONE(1) SUN : DAY_ZONE(1) DAY_ZONE 1 TIME_ZONE_1 : 08 - 18 TIME_ZONE_2 : 19 - 24 TIME_ZONE_3 : 00 - 07 DAY_ZONE 2 TIME_ZONE_1 : 00 - 24 TIME_ZONE_2 : ... - ... TIME_ZONE_3 : ... - ... DAY_ZONE 3 TIME_ZONE_1 : 00 - 24 TIME_ZONE_2 : ... - ... TIME_ZONE_3 : ... - ... LCR Table LDT(Leading Digit Table) Entry ========== LDT Table (000) CODE : Working Mode : BOTH DMT_INDEX 0 :.. 00 00 00 DMT_INDEX 1 :.. 12 23 22 DMT_INDEX 2 :.. .. .. LDT Table (001) CODE : Working Mode : BOTH DMT_INDEX 0 :.. .. .. DMT_INDEX 1 :.. .. .. DMT_INDEX 2 :.. .. .. LDT Table (002) CODE : Working Mode : BOTH DMT_INDEX 0 :.. .. .. DMT_INDEX 1 :.. .. .. DMT_INDEX 2 :.. .. .. :

Other Tables	Emergency Code Data Entry ========== Entry 0 : 119 Entry 1 : 911 Entry 2 : 00911 Entry 3 : Entry 4 : Entry 5 : Entry 6 : Entry 7 : Entry 8 : Entry 9 : Author Code Data Entry ========== Entry 1 : 12345 Entry 2 : 34567 Entry 3 : 98765 Entry 4 : Entry 5 : Entry 6 : Entry 7 : CCR(Customer Call Routing) Table Entry ========== DVU Index : 1 ---------- CCR Entry 1 : HUNT 620 CCR Entry 2 : STA 101 CCR Entry 3 : SPD 2500 CCR Entry 4 : INT PAGE 1 CCR Entry 5 : .... CCR Entry 6 : .... CCR Entry 7 : .... CCR Entry 8 : .... CCR Entry 9 : .... CCR Entry 10 : .... DVU Index : 2 ---------- CCR Entry 1 : .... CCR Entry 2 : .... CCR Entry 3 : .... CCR Entry 4 : .... CCR Entry 5 : .... CCR Entry 6 : .... CCR Entry 7 : .... CCR Entry 8 : .... CCR Entry 9 : .... CCR Entry 10 : .... Exec/Sec Data Entry ========== Entry 1 : .... / .... Entry 2 : .... / .... Entry 3 : .... / .... Entry 4 : .... / .... Entry 5 : .... / .... Entry 6 : .... / .... Entry 7 : .... / .... Entry 8 : .... / ....

STN Group	Station Group Assignment STA GRP PILOT NUMBER : 620-667 ========== Station Group : 620 Group Type: CIRCULAR GROUP ========== Group Member ---------- 100 101 102 .... ---------- ANNC1 TIMER :15 ANNC2 TIMER :0 ANNC1 LOC :VMIB(NOT_ASG) ANNC2 LOC :VMIB(NOT_ASG) ANNC2 RPT TIMER :0 ANNC 2 REPEAT :OFF OVERFLOW DEST :NOT ASSIGNED OVERFLOW TIMER :180 WRAP UP TIMER :2 NO ANS TIMER :15 PILOT HUNT :ON REPORT NO MEM :OFF MUSIC SOURCE :0 Station Group : 621 Group Type: NOT ASSIGNED ==========

Nation Specific	NATION GAIN PRINT ========== DTIB/DTIB:26 DTIB/SLIB:33 DTIB/WTIB:26 DTIB/ACOB:33 DTIB/DCOB:33 DTIB/VMIB:29 DTIB/DTMF:08 DTIB/TONE:32 DTIB/MUSIC1:29 DTIB/MUSIC2:29 DTIB/MUSIC3:29 SYSTEM TONE FREQ ========== DIAL TONE FREQUENCY: (T1:0425 / T2:0000) RBACK TONE FREQUENCY: (T1:0425 / T2:0000) BUSY TONE FREQUENCY: (T1:0425 / T2:0000) ERROR TONE FREQUENCY: (T1:0620 / T2:0000) DDIAL TONE FREQUENCY: (T1:0350 / T2:0440) DIFFERENTIAL RING FREQ ========== DIFF RING FREQ(1): (T1:1000 / T2:1020) DIFF RING FREQ(2): (T1:0890 / T2:0910) DIFF RING FREQ(3): (T1:1260 / T2:1280) DIFF RING FREQ(4): (T1:0800 / T2:0820) DISTINCT RING FREQ ========== DIST RING FREQ(1): (T1:0480 / T2:0000) DIST RING FREQ(2): (T1:0400 / T2:0000) DIST RING FREQ(3): (T1:0620 / T2:0000) DIST RING FREQ(4): (T1:0770 / T2:0000) TONE CADENCE ========== RBACK TONE CADENCE: (T1:0050 / T2:0100) BUSY TONE CADENCE: (T1:0025 / T2:0025) ERROR TONE CADENCE: (T1:0012 / T2:0012) S_DIAL TONE CADENCE: (T1:0070 / T2:0000)
All Data	**COMPLETE DATABASE PRINTING** **----------** ***print above all***