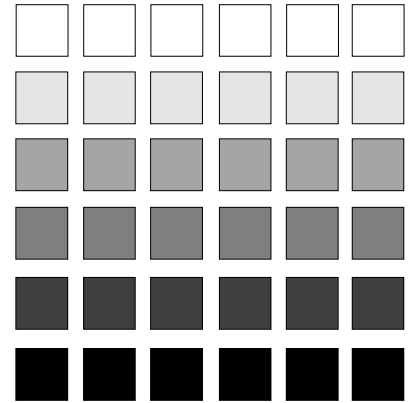


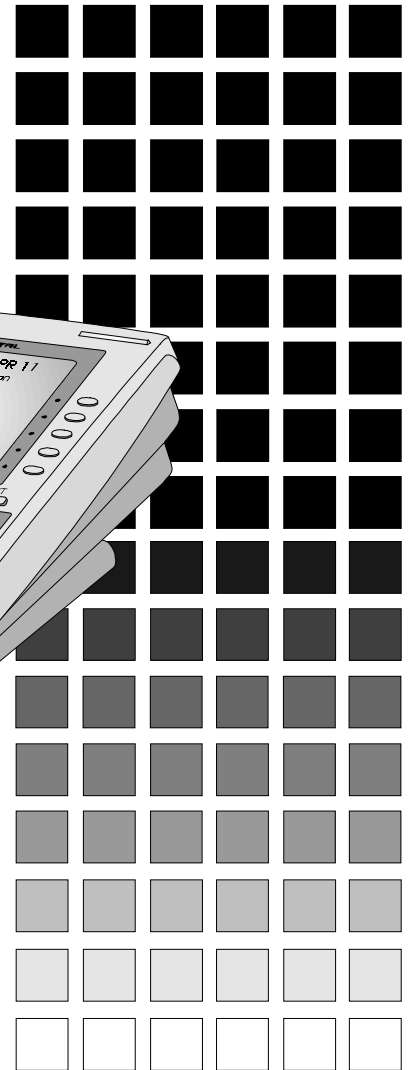


Integrated Communication eXchange

Technical Manual



Section 450 Configuration Forms & Tables



United Kingdom

ICX Version 2.5
issued August 1998

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Introduction

The following information introduces the ICX phone system. It includes initialisation instructions, card installation tips, and other useful information to set up your phone system.

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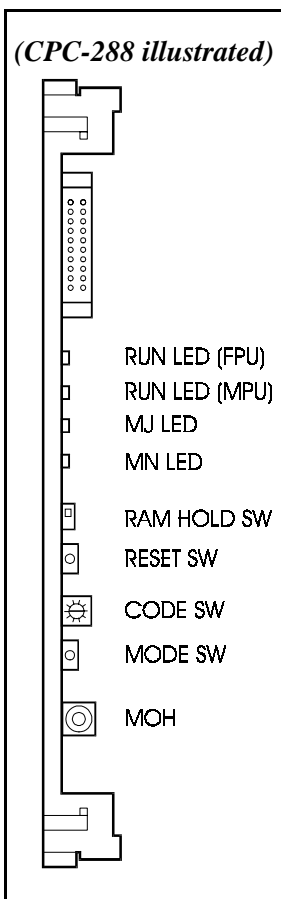
Initialising a Newly Installed System

After installing a phone system for the first time, the CPC (Central Processing Card) should be initialised before programming the system. The initialisation procedure resets all parameters in CPC memory to their default values.



IMPORTANT: This procedure **must** be performed before you program the system; otherwise, the system will not work.

1. Power-off the phone system (set power switch to OFF).
2. Plug a display phone (preferably a Large-LCD) into the first port position.
3. Set **the** rotary switch (located on CPC card) arrow points to **1, 2 or 3.**
 SW1 : Auto Configuration (Fixed pattern up to 96 port system , see next page)
 SW2 : Manual Configuration
 SW3 : Card Type Recognition
4. Set the RAM Hold switch (located on CPC card) to “OFF.”
5. Press and hold down the black MODE switch (located on the CPC card), and power-on the system. **Do not release the MODE switch until the “MN” (Minor) LED lights red.**
6. Switch RAM Hold to “ON.”
 - The MN LED will intermittently flash red.
 - The RUN LED will flash green.
 - The MN LED will stop flashing.
7. Press ON/OFF.
 - The system will automatically go into Programming Mode. Software version will appear on LCD display.
8. **MUST DO!**: Perform the following addresses: (these are the minimum required to make the system work) (see pg. 12 for details)
 - **System Size**
00 Hold (1-6) Hold
 - **Free Slot Assignment**
01 (1-6) (01-12) Hold (1-99) Hold
 - **Option Slot Assignment**
02 (1-6) (13 or 14) Hold (50) Hold
9. Press ON/OFF to exit Programming Mode.
10. On the CPC card, press RESET (and release quickly).
11. After a few seconds, the system should be up and running.



RECOMENDATION: After the initialise auto-configuration process is complete, change the CODE rotary switch back to 2 (to avoid accidental memory erasure in the future).

Auto-Configuration Pre-Settings for CODE Rotary Switch 1 Initialise

Introduction

System Config. Pattern No.	-- Free Slots --											
	1	2	3	4	5	6	7	8	9	10	11	12
1	CO 1-8	EXT 100-107	EXT 108-115	EXT 116-123	EXT 124-131							
2	CO 1-8	EXT 100-107	EXT 108-115	VM (8-port) Ext.600/Hunt 1								
3	CO 1-8	CO 9-16	EXT 100-107	EXT 108-115	EXT 116-123							
4	CO 1-8	CO 9-16	CO 17-24	EXT 100-107	EXT 108-115	EXT 116-123	EXT 124-131	EXT 132-139	EXT 140-147	EXT 148-155	EXT 156-163	EXT 164-171
5	CO 1-8	CO 9-16	CO 17-24	EXT 100-107		EXT 108-115	EXT 116-123	EXT 124-131	VM(16-port) Ext.600-/Hunt 1			
6	CO 1-8	CO 9-16	CO 17-24	CO 25-32	EXT 100-107	EXT 108-115	EXT 116-123	EXT 124-131	EXT 132-139	EXT 140-147	EXT 148-155	EXT 156-163

What is done automatically :

(1)**FF-Key Assignments:** On the auto-configured extensions, FF1=CO1, FF2=CO2, ... FF32=CO32.

(2)**Ringin**g: On Extensions 100 and 101, CO1 thru CO32 will ring the extension for incoming calls.

(3)**BLF on DSS, EM24:**

(4)**Built-In VM:** Virtual Ports 600, 601, etc. for **voice processing ports** are assigned to Hunt Group 1. Hunting method is pilot distributed.

Additional Programming Steps

The following programming steps contain recommended settings.

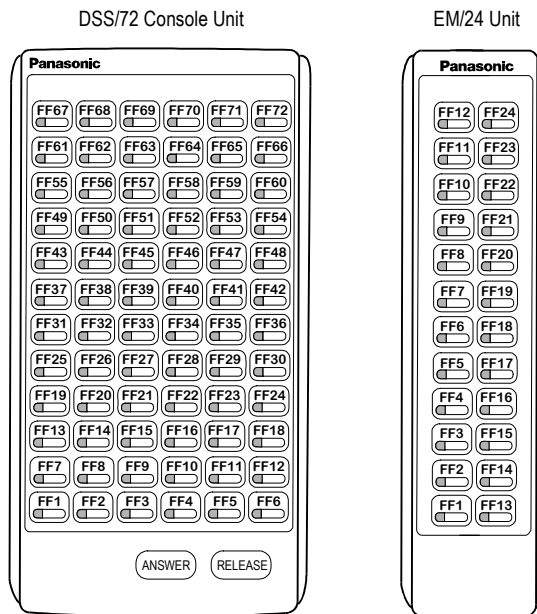
(1) Automatic BLF for DSS/72 Consoles and EM/24 Units

If you set the following address to '1' (Enable), BLF Keys on a DSS/72 or EM/24 can be set automatically.

FF1 0 01 0020 Hold (0 or 1) Hold

DSS/72: FF1-60 Extension No. (starting with lowest Ext.No. at FF1)
 FF61-66 Floating key 001-006
 FF67-FF71 Paging 0-4
 FF72 Day/Night switch

EM/24: FF1-24: EXT. # (starting with lowest Ext.No. at FF1)



(2) TRS Levels for Paths (Trk.Groups in TRS Classes) (TRS without ARS)

F6 1 00 (01-50) Hold 00 (01-99) Hold (0-9) Hold												
	Trunk Group1	TG2	TG3	TG4	TG5	TG6	TG6	TG7				TG99
TRS Class 1	Level 1											
TRS Class 2	Level 2											
TRS Class 3	Level 3											
TRS Class 4	Level 4											
TRS Class 5	Level 5											
TRS Class 6	Level 6											
TRS Class 7	Level 7											
TRS Class 8	Level 8											
TRS Class 9	Level 9											
TRS Class 10	Level 9											
...											
TRS Class 50	Level 9											

(3) Leading Digits Table (ARS/TRS)

FF6 0 00 (001-100) 0001 Prefix Number	FF6 0 00 (001-100) 0004 TRS Level
00	8
0	6
1~9	3
*	8

(4) Dial Restrictions for TRS Classes

	F6 1 02 (01-50) 0001 Digit Restriction	F6 1 02 (01-50) 0002 Dial Restriction for receiving call	F6 1 02 (01-50) 0004 * # Restriction
TRS Class 1	1	1	1
TRS Class 2	5	1	1
TRS Class 3	10	1	1
TRS Class 4	10	1	1
TRS Class 5	15	1	1
TRS Class 6	15	1	1
TRS Class 7	20	1	1
TRS Class 8	20	1	1
TRS Class 9	0	0	0
TRS Class 10-50	0	0	0

(5) Voice Mail Assignment

Introduction

Virtual Port 600 thru 607, or 600 thru 615 are assigned to Hunt Group1, with “Pilot” hunting.

Detailed programming is as follows:

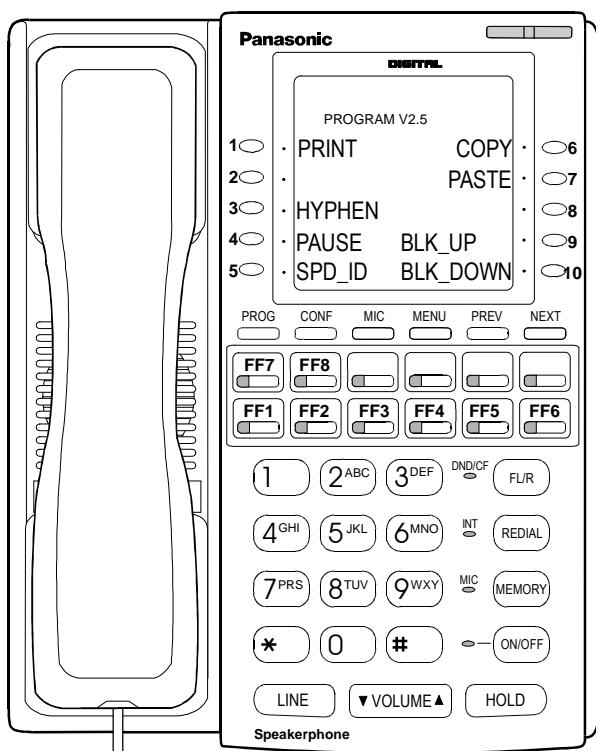
Programming Address	Programming Title	Default value
FF70-111-00	Built-in VM Number Assignment	1
FF70-111-01-(01-16)00	Virtual Port Extension Number	600-607, or 600-615
FF70-111-01-(01-16)01	Virtual Port Tenant Group	1
FF70-111-0201-(001-004)	VM Service Range PTN1	1-2-1-3, or 1-4-1-9
FF70-111-03-H-C-9411	Conversation Recording CO(exchange) line Specification	001-576
FF70-111-03-H-C-9451	Conversation Recording CO(exchange) line Specification	001-576
FF70-111-03-H-C-6011	Conversation RecordingService Available or Not	1
FF70-111-03-H-C-6012	Conversation Recording Start System	1,3,4,6: O
FF70-111-03-H-C-9211	Originating Group 1-MW	VPU1-8, 1-16: O
FF70-111-03-H-C-9212	Originating Group 1-Pager	VPU1-8, 1-16: O
FF70-111-03-H-C-9213	Origination Group 1-Outside tel	VPU1-8, 1-16: O

FF-Keys and Other Keys used in Programming Mode

While in Programming Mode, certain phone keys perform special functions such as storing your settings, scrolling forward or backward through the addresses, etc. The following picture identifies these keys and their functions during Programming Mode.

NOTE: You must assign the “0-System Configuration” settings before the system will work.

(Large Display phone shown, with the soft-key menu which appears after entering Programming Mode)



SOFT KEYS 1-10 (on either side of LCD):

- Key 1:** Prints out data setting.
- Key 2:** Ignored.
- Key 3:** Ignored (at menu level); or inserts a dash “-” in speed-dial numbers (at data entry).
- Key 4:** Ignored (at menu level); or inserts a pause in speed-dial numbers (at data entry).
- Key 5:** Ignored (at menu level); or (at data entry) inserts a “don’t-dial-CONF-9” message into a speed-dial number, so the system won’t automatically grab a trunk line (for example, when you’re programming an extension number into a speed-dial code).
- Key 6:** Menu Data Copy for trunk ports, extension ports, and FF-key feature assignment.
- Key 7:** Menu Data Paste for trunk ports, extension ports, and FF-key feature assignment.
- Key 8:** Ignored.
- Key 9:** (at menu level) Scrolls through port numbers in descending order (29, 28, 27, ...) in Trunks (FF2), Extensions (FF3), FF-Key feature assignments (FF4), and Groups (FF5).
- Key 10:** (at menu level) Same as **Key 9**, but in ascending order (29, 30, 31, ...).

FUNCTION KEYS (below LCD):

- PROG:** Moves to main menu.
- CONF:** Moves to first data setting when * : XXXXXX displays.
- MEMORY:** Backs out of address menu levels.
- MENU:** (ignored)
- PREV:** (at menu level) Displays Maintenance Menu when in FF8, or backs up to Main menu level. (ignored at data entry)
- NEXT:** (at menu level) Displays Maintenance Menu when in FF8, or moves to next Main menu level. (ignored at data entry)
- VOL t:** Scrolls through numbers in ascending order (1, 2, 3) at the same address level.
- VOL s:** Same as **VOL t**, but in descending order (3, 2, 1).

REDIAL Key

(at menu level) Clears an incorrect address entry, and moves to next higher menu level.
 (at data entry) Displays last-saved setting (only if you haven’t pressed HOLD yet to save current setting).

FL/R Key

(at menu level) Ignored.
 (at data entry) Clears setting.

ON/OFF Key

Begins programming log-in; or exits programming mode.

HOLD Key

(at menu level) Moves toward data entry level within the same address.
 (at data entry) Saves the displayed setting and moves to next setting.

FF-KEYS 1-8 (with LEDs, above keypad):

- FF0 (not an FF-key; press 0 on keypad):** Goes to System Configuration menu.
- FF1:** Goes to System Programming menu.
- FF2:** Goes to Trunks menu.
- FF3:** Goes to Extensions menu.
- FF4:** Goes to FF-Key menu.
- FF5:** Goes to Groups menu.
- FF6:** Goes to TRS/ARS menu.
- FF7:** Goes to API/Options menu.
- FF8:** Goes to Maintenance menu.

Entering “System Configuration” Data

In these instructions, the CPC card is reset to default settings, and when the system comes back up, any station phone already plugged in will automatically go into Programming Mode. (Or, if you are not initialising but wish to change System Configuration settings, enter Programming Mode by pressing ON/OFF PROG ** 9999.)

Now that you are in Programming Mode, enter the System Configuration data:

Dial this to perform this step:
00 HOLD (1-6) HOLD	Enter the total number of Cabinets in your system (1-6).
(1-6) (01-12) Hold (01-82) Hold	<p>Identify the cards installed in the Free Slots of all cabinets.</p> <p>Enter the first Cabinet number you want to start at (1-6), Free Slot number (01-12), press HOLD, and enter the Card Type number (01-82) installed in this slot. <i>NOTE:</i> Follow the table in “0. System Configuration” of <i>Section 400-Programming</i> for Card Type numbers.</p> <p>Press HOLD after entering the Card Type number. The system will automatically go to the next sequential Free Slot Card Type setting. Enter the Card Type number for it and press HOLD. Repeat until all Card Types have been entered. (To skip an empty slot, simply press HOLD.)</p>
02 (1-6) (13 or 14) HOLD (50) HOLD	<p>Define the MFR/8 card installed in OP1 or OP2. (do not perform this step if the MFR/8 card isn't used)</p> <p>Press PROG 02, enter the Cabinet number (1-6), enter 13 (for OP1) or 14 (for OP2), then press HOLD 50 HOLD.</p>
FF8 1000 HOLD (YYMMDD) HOLD (HHMM) HOLD (1-7) HOLD	<p>Set the system clock. (this step is recommended here, but is not required)</p> <p>Press the FF8 key to go into Dealer Maintenance programming. Enter the address number 1000 and press HOLD. Enter the current date (013198 for January 31, 1998, for example). Press HOLD. Enter the current time (1427 for 2:27 pm, for example). Press HOLD. Enter the current day of the week (1=Monday, ... 7=Sunday). Press HOLD.</p>
ON/OFF	Exit Programming Mode.

Now reset the system: Press and release the RESET button on the CPC card. After a few moments, the system should be up and running. (The phone's display should show the current date and time; Large-Display phones should show the default soft-key options PERSONAL DIAL/SYSTEM DIAL/EXTENSION/FUNCTION SYSTEM/FUNCTION EXT.)

System Configuration Notes

System Configuration includes defining how many cabinets are in your system, and what cards are installed in which slots. Use **Table 1-A: CCU/Slot Configuration** (pg. 17) for this purpose. The programming settings you'll make from this table are performed immediately after the ICX is initialised.

You'll also use this table later when defining the ports (circuits) on each card, for Trunks (FF2) and Extensions (FF3).

If your phone system is going to consist of multiple cabinets, always start with the bottom Base cabinet when installing options (such as Built-In Voice Mail, Built-In ACD), and build upward to the lowest expansion cabinet next, then the next-lowest expansion cabinet; etc.

1-5 = Rotary Switch setting on CBL or CBLDBS

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Expansion		Expansion																																							
--	-or-	--	5																																						
4		Base (CPC)	Expansion																																						
Expansion																																									
3		Base (CPC)	Base																																						
Base																																									
Base (CPC)																																									

Card Slot Configuration Tips:

- Consult *Section 300: Installation* for complete instructions. “Card Installation Position” in Chapter 4 - Installing Additional Cabinets is particularly useful when planning card slots.
- Always install the CPC card in the “CPC” slot.
- Option Slots “OP1” and “OP2” of a CAB-96 can only be used for TSW, SCC (Base cabinet only), and MFR cards.

CAB-40		CAB-96			
FS4	FS5	FS9	FS10	FS11	FS12
V P U	V S S C	V P U 2	V P U 1	V S S C	X

- As much as possible, group cards together in the Flexible Slots (FS1-FS12) as shown in the illustration below.
- Built-In Voice Mail cards can be used only in these slots:

in a CAB-40: FS4 and FS5.
 in a CAB-96: FS9, FS10, and FS11.

- The VSSC card always goes in FS5 of a CAB-40, or in FS11 of a CAB-96.
- The first VPU card always goes in FS4 of a CAB-40, or in FS10 of a CAB-96.
- A second VPU card, if used in the CAB-96, always goes in FS9.
- Also, to avoid damage to the HDD, these Built-In Voice Mail cards should never be installed in the cabinet located highest off the ground.
-

Optimizing card installation by grouping cards together

PWR	CPC	OP1	OP2	FS1	FS2	FS3	FS4	FS5	FS6	FS7	FS8	FS9	FS10	FS11	FS12
	Processor Card: CPC-96, CPC-288, CPC-576			Trunk Lines (Digital): TBR1/4, PRI/23, 30			Trunk Lines (Analog): LTRK/8		Extension Lines (Digital): DEC/8, SBR1/4, PRI/23, 30			Extension Lines (Analog): AEC/8		Options/Audio Applications: VSSC, VPU/4, VPU/8, ACD	

NOTE: Avoid leaving empty slots between *the same* card types (for example, don't put DEC/8 cards in FS4 and FS6, and leave FS5 empty). But it's OK to leave empty slots between different card types (for example, using FS1-FS3 for Trunk cards, FS4 empty, FS5-FS7 for DEC/8 cards).

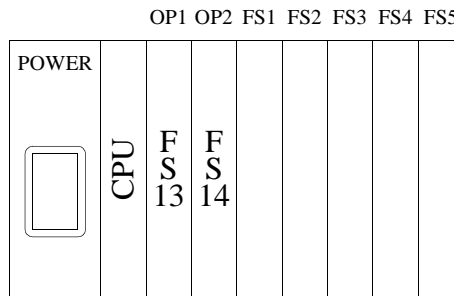
- The same rules for Built-In Voice Mail also apply for Built-In ACD. This means ACD can't be installed in the same cabinet as the Built-In Voice Mail cards.
- The PRI/23 or PRI/30 card (more than 8 channels) can only be installed in FS1, FS5, or FS9.
- Option Slots "OP1" and "OP2" in a CAB-40 can be used for TSW, SCC, MFR, DEC, AEC and LTRK.
- A maximum of 5 (five) DEC cards can be installed in a cabinet.

CAB-40

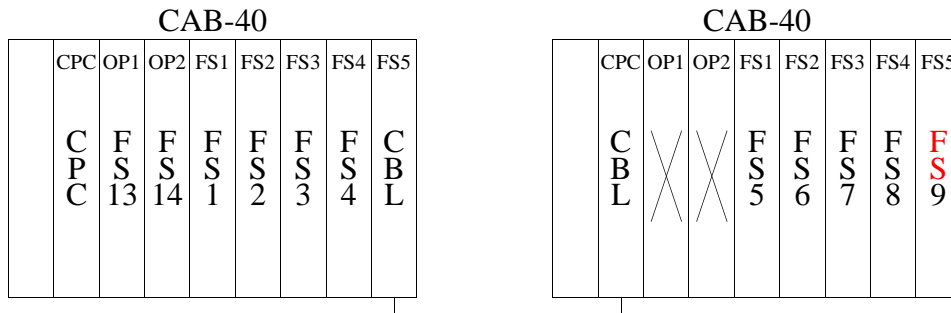
FS4	FS5
V P U 4	A C D

CAB-96

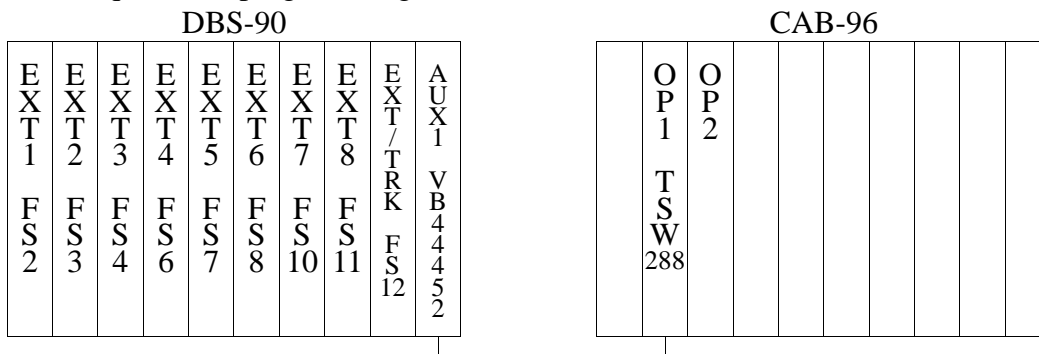
FS11	FS12
A C D	V P U 4



- When a CAB-40 and CAB-40 are connected together, the FS card positions required for programming are:



- When a CAB-96 and a DBS-90 are connected together, the FS card positions required for programming are:





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Table 1-A. CCU/Slot Configuration


No. of Copies Needed: 1 per phone system.


PWR	CPC	OP1	OP2	FS1	FS2	FS3	FS4	FS5	FS6	FS7	FS8	FS9	FS10	FS11	FS12
															

PWR	CPC	OP1	OP2	FS1	FS2	FS3	FS4	FS5	FS6	FS7	FS8	FS9	FS10	FS11	FS12
															

PWR	CPC	OP1	OP2	FS1	FS2	FS3	FS4	FS5	FS6	FS7	FS8	FS9	FS10	FS11	FS12
															

PWR	CPC	OP1	OP2	FS1	FS2	FS3	FS4	FS5	FS6	FS7	FS8	FS9	FS10	FS11	FS12
															

PWR	CPC	OP1	OP2	FS1	FS2	FS3	FS4	FS5	FS6	FS7	FS8	FS9	FS10	FS11	FS12
															

PWR	CPC	OP1	OP2	FS1	FS2	FS3	FS4	FS5	FS6	FS7	FS8	FS9	FS10	FS11	FS12
															

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Table 1-B. Slot/Port Assignments

No. of Copies Needed: 1 per CCU.
 Use this form to record Extension/Exchange Line Numbers for the ports on each card in the CCU, as well as **Card Type** (for example, AEC, DEC, VPU/8), and general information about the site. NOTE: Ports are numbered from 8 to 1 (top to bottom) on the Cards.

Customer Name: _____ Location: _____ Start Date: _____ Site Contact: _____ Total System Size: _____ Programming Password: _____	Special Features:
--	-------------------

CCU Number: (circle one)	1	2	3	4	5	6									
Card Type:															
Slot:	OP1	OP2	FS1	FS2	FS3	FS4	FS5	FS6	FS7	FS8	FS9	FS10	FS11	FS12	
Port 8:															
Port 7:															
Port 6:															
Port 5:															
Port 4:															
Port 3:															
Port 2:															
Port 1:															

KEY - settings for Card Types		01 (cabinet 1-6) (Free Slot 01-12) Hold (setting for Card Type 1-99) Hold	
1=LTRK/8 (COL/8)	7=T1/16	13=PRI/23 (ISPT/24)	19=QSIG/24
2=LGTRK8 (COLG/8)	8=T1/24	14=ISPT/24	20=QSIG/30
3=DIDTR8 (COD/8)	9=(future use)	15=ISPT/30	21-29=(future use)
4=E&M/4	10=TBRI/4 (ISBT)	16=QSIGB	30=DEC/8 (LCD)
5=AC15/4	11=PRI/8 (ISPT/8)	17=QSIG/8	31=AEC/8 (LCA)
6=T1/8	12=PRI/16 (ISPT/16)	18=QSIG/16	32=LCX
			33-34=(future use)
			35=SBRI/4 (ISBS)
			36=PRI/8 (ISPS/8)
			37=PRI/23 (ISPS/24)
			38=ISPS/30
			39-49=(future use)
			50=MFR
			51=RAI
			52=CONF1
			53=CONF2
			54=CONF3
			55=CONF4
			56-59=(future use)
			60=VMC VPU4-1
			61=(future use)
			62=VMC VPU8-1
			63=(future use)
			64=VMC VPU4-1/4-2
			65=VMC VPU8-1/4-2
			66=(future use)
			67=VMC VPU8-1/8-2
			68-69=(future use)
			70=SACD VPU4-1
			71=SACD VPU4-2
			72-79=(future use)
			80=API-AEC2 (API/2 LCA)
			81=API-AEC4 (API/4 LCA)
			82=API-AEC6 (API/6 LCA)
			83=API-AEC8 (API/8 LCA)
			84=API-DEC2 (API/2 LCD)
			85=API-DEC4 (API/4 LCD)
			86=API-DEC8 (API/6 LCD)
			87=API-DEC8 (API/8 LCD)
			88-99=(future use)

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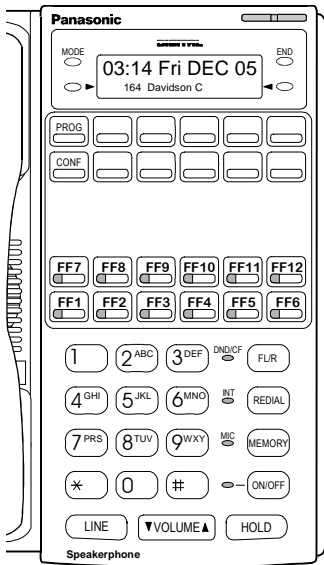
NOTICE: Certified ICX Dealers and Technicians may reproduce this form as needed.

Ext. No.: (0-9999)	
Port Position: (BSSC)	

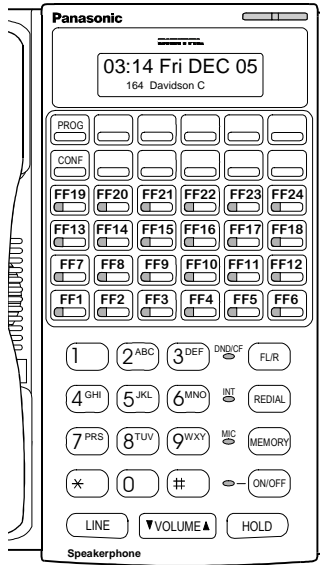
Table 4. FF-Keys and Soft Keys on Extension Phones

No. of Copies Needed: 1 per phone.

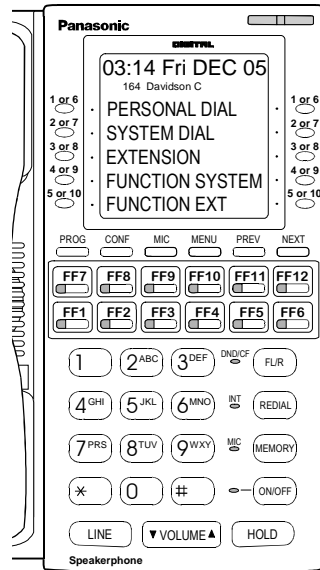
12-Key Small Display Phone



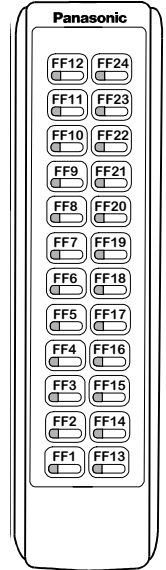
24-Key Small Display Phone



12-Key Large Display Phone



EM/24 Unit



Phone Type:		User Name:	
Forward/Busy to:	Day TRS Class: (1-50)	Call Pickup Group: (1-20)	Ext. Digital Pad Class: (1-8)
Forward/No Answer to:	Night TRS Class: (1-50)	Ext. COS: (1-16)	Paging Group: (1-10)
FF KEYS		SOFT KEYS (after FUNCTION EXT is selected, or Variable Mode is activated)	
FF1	FF19	during Dial Tone or Dialling	during Busy Tone
FF2	FF20	1	16
FF3	FF21	2	17
FF4	FF22	3	18
FF5	FF23	4	19
FF6	FF24	5	20
FF7	FF25	6	during OHVA/Receive
FF8	FF26	7	21
FF9	FF27	8	22
FF10	FF28	9	23
FF11	FF29	10	24
FF12	FF30	during Ringback Tone	25
FF13	FF31	11	during Talk
FF14	FF32	12	26
FF15		13	27
FF16		14	28
FF17		15	29
FF18			30

NOTE: Use any leftover FF-key assignments for Virtual Port ringing.

Site: _____ Date: _____

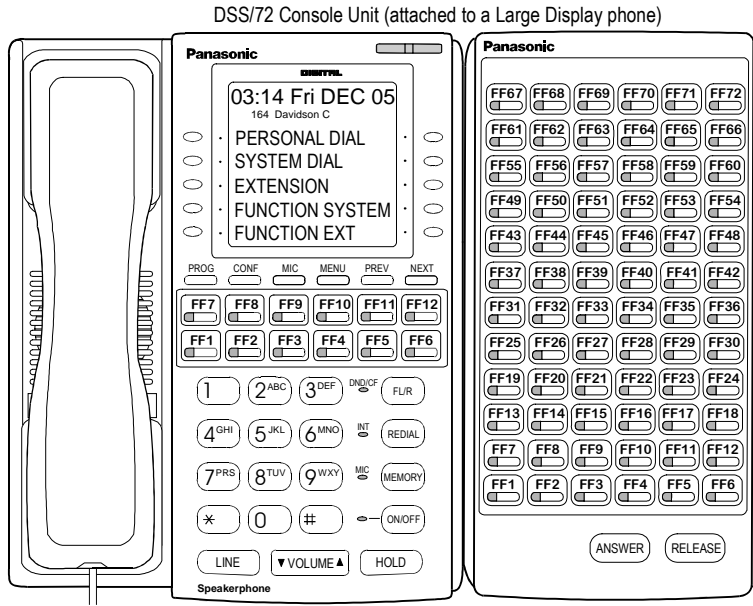
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Table 5. FF-Key Features on DSS/72 Consoles

No. of Copies Needed: 1 per DSS/72 Console.

Ext. No.: (0-9999)	
DSS port Position: (BSSC)	



Phone Type: <i>DSS/72</i>	User Name:		
Forward/ Busy to:	Day TRS Class: (1-50)	Call Pickup Group: (1-20)	Ext. Digital Pad Class: (1-8)
Forward/No Answer to:	Night TRS Class: (1-50)	Ext. COS: (1-16)	Paging Group: (1-10)
FF KEYS			
FF1	FF19	FF37	FF55
FF2	FF20	FF38	FF56
FF3	FF21	FF39	FF57
FF4	FF22	FF40	FF58
FF5	FF23	FF41	FF59
FF6	FF24	FF42	FF60
FF7	FF25	FF43	FF61
FF8	FF26	FF44	FF62
FF9	FF27	FF45	FF63
FF10	FF28	FF46	FF64
FF11	FF29	FF47	FF65
FF12	FF30	FF48	FF66
FF13	FF31	FF49	FF67
FF14	FF32	FF50	FF68
FF15	FF33	FF51	FF69
FF16	FF34	FF52	FF70
FF17	FF35	FF53	FF71
FF18	FF36	FF54	FF72

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Table 7. Built-In Voice Mailboxes

No. of Copies Needed: 1 for every 10 mailboxes. (Extra space is provided in the Program No. column so you can write in the next 10 Program Nos.)

FF7 0 B11 03 Hold CONF... --see Section 510: Built-In Voice Mail Reference										
... (001-254) (1-9) Hold (setting) Hold --All Mailboxes										
... (601-848) (0-9) Hold (setting) Hold --Extension Mailboxes										
Program No.	0	1	2	3	4	5	6	7	8	9
001	<i>not used</i>	Ext.No.	Name	Max. Msgs	Password	Msg-Wait Ext.	Pager No. or Outside No.	FIFO?	Box Group	Notify Group
601	Transfer?	2-Way?	Type of Calls	Tone on Rec	Auto Callback?	<i>not used</i>	Auto 2-Way?	2-Way Mailbox	LCD Screen	No-Answer Timeout
002	<i>not used</i>	Ext.No.	Name	Max. Msgs	Password	Msg-Wait Ext.	Pager No. or Outside No.	FIFO?	Box Group	Notify Group
602	Transfer?	2-Way?	Type of Calls	Tone on Rec	Auto Callback?	<i>not used</i>	Auto 2-Way?	2-Way Mailbox	LCD Screen	No-Answer Timeout
003	<i>not used</i>	Ext.No.	Name	Max. Msgs	Password	Msg-Wait Ext.	Pager No. or Outside No.	FIFO?	Box Group	Notify Group
603	Transfer?	2-Way?	Type of Calls	Tone on Rec	Auto Callback?	<i>not used</i>	Auto 2-Way?	2-Way Mailbox	LCD Screen	No-Answer Timeout
004	<i>not used</i>	Ext.No.	Name	Max. Msgs	Password	Msg-Wait Ext.	Pager No. or Outside No.	FIFO?	Box Group	Notify Group
604	Transfer?	2-Way?	Type of Calls	Tone on Rec	Auto Callback?	<i>not used</i>	Auto 2-Way?	2-Way Mailbox	LCD Screen	No-Answer Timeout
005	<i>not used</i>	Ext.No.	Name	Max. Msgs	Password	Msg-Wait Ext.	Pager No. or Outside No.	FIFO?	Box Group	Notify Group
605	Transfer?	2-Way?	Type of Calls	Tone on Rec	Auto Callback?	<i>not used</i>	Auto 2-Way?	2-Way Mailbox	LCD Screen	No-Answer Timeout
006	<i>not used</i>	Ext.No.	Name	Max. Msgs	Password	Msg-Wait Ext.	Pager No. or Outside No.	FIFO?	Box Group	Notify Group
606	Transfer?	2-Way?	Type of Calls	Tone on Rec	Auto Callback?	<i>not used</i>	Auto 2-Way?	2-Way Mailbox	LCD Screen	No-Answer Timeout
007	<i>not used</i>	Ext.No.	Name	Max. Msgs	Password	Msg-Wait Ext.	Pager No. or Outside No.	FIFO?	Box Group	Notify Group
607	Transfer?	2-Way?	Type of Calls	Tone on Rec	Auto Callback?	<i>not used</i>	Auto 2-Way?	2-Way Mailbox	LCD Screen	No-Answer Timeout
008	<i>not used</i>	Ext.No.	Name	Max. Msgs	Password	Msg-Wait Ext.	Pager No. or Outside No.	FIFO?	Box Group	Notify Group
608	Transfer?	2-Way?	Type of Calls	Tone on Rec	Auto Callback?	<i>not used</i>	Auto 2-Way?	2-Way Mailbox	LCD Screen	No-Answer Timeout
009	<i>not used</i>	Ext.No.	Name	Max. Msgs	Password	Msg-Wait Ext.	Pager No. or Outside No.	FIFO?	Box Group	Notify Group
609	Transfer?	2-Way?	Type of Calls	Tone on Rec	Auto Callback?	<i>not used</i>	Auto 2-Way?	2-Way Mailbox	LCD Screen	No-Answer Timeout
010	<i>not used</i>	Ext.No.	Name	Max. Msgs	Password	Msg-Wait Ext.	Pager No. or Outside No.	FIFO?	Box Group	Notify Group
610	Transfer?	2-Way?	Type of Calls	Tone on Rec	Auto Callback?	<i>not used</i>	Auto 2-Way?	2-Way Mailbox	LCD Screen	No-Answer Timeout

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*NOTICE: Certified ICX Dealers and Technicians may reproduce this form as needed.***Table 9. Extension Class of Service (COS) Settings***No. of Copies Needed: 1 for every 6 Extension COS's to be adjusted (changing the defaults).*

Extension COS Definitions: FF1 0 03 (00-15) (01-50) Hold (0 or 1) Hold						Adjusted COSs					
Prog. No.	Feature	Setting for enable (0 or 1)	(00-13) COS 1-14 default	(14 VM) COS 15 default	(15 Att.) COS 16 default						
01	Voice Announce	1	0	0	0						
02	Blind Transfer	0	0	0	0						
03	Supervised Transfer	0	0	0	0						
04	Camp-On Transfer	0	0	0	0						
05	Exclusive Hold (non-appearing)	1	0	1	0						
06	Exclusive Hold (single line)	1	0	1	0						
07	Brokers Hold (single line)	1	1	1	1						
08	Hookflash (single line)	0	0	0	0						
09	SSD Programming	0	1	1	0						
10	SSD Assign to MCO Tenant Groups	0	1	1	0						
11	SSD Dialling	0	0	0	0						
12	Intercom Call Redialling	0	1	1	1						
13	Direct Access to Exchange Line	0	0	0	0						
14	Call Pickup (MCO)	0	0	0	0						
15	Paging	0	0	0	0						
16	Auto Repeat Dial	0	0	0	0						
17	DND	0	0	1	0						
18	DND to Other Station	0	1	1	0						
19	Call Forward - All	0	0	1	0						
20	Call Forward - No Answer	0	0	1	0						
21	Call Forward - Busy	0	0	1	0						
22	Call Forward to Other Station	0	1	1	0						
23	User Log-In	0	1	1	0						
24	Priority Message Waiting	0	1	0	1						
25	Message Waiting	0	0	1	0						
26	Day/Night Switching	0	1	0	0						
27	Busy Override	0	0	0	0						
28	Manual Camp-On (initiate)	0	0	0	0						
29	Manual Camp-On (receive)	0	0	1	0						
30	Station Queue (initiate)	0	0	0	0						
31	Station Queue (receive)	0	0	0	0						
32	Exchange Line Queuing	0	0	0	0						
33	Manual DND Override (initiate)	0	1	1	0						
34	Automatic DND Override (initiate)	0	1	1	1						
35	8-Party Conference	0	0	1	0						
36	Voice Call (initiate)	0	0	0	0						
37	Voice Call (receive)	0	0	1	0						
38	Intercom Dialtone at Off-Hook	1	1	1	1						
39	Pre-Pause Check	1	1	0	0						
40	Long Talk Alarm	1	1	1	1						
41	Recall to Attendant	1	0	0	1						
42	Forced ARS	1	0	0	0						
43	API Event Reporting	1	1	1	1						
44	Call Forward - Outside	0	0	0	0						
45	Onhook ExchLn.-to-ExchLn. Xfr	0	1	1	1						
46	Call Park Answer	0	0	0	0						
47	Call Park Transfer	0	0	0	0						
48	OHVA Receive	0	0	0	0						
49	OHVA Answer	0	0	0	0						
50	Call-Waiting Answer at HOLD	0	1	1	1						

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NOTICE: Certified ICX Dealers and Technicians may reproduce this form as needed.**Table 10. Exchange Line COS and System-wide Exchange Line Timers**

No. of Copies Needed: 1 for every 8 Exchange Line COS's that are adjusted (changing the defaults).

Exchange Line COS Definitions: FF1 0 04 (00-15) (01-06) Hold (0 or 1) Hold									
Shaded cells: Feature is disabled.									
Prog. No.	Feature	Setting for enable (0 or 1)	00-15 (COS 1-16) default						
01	Use ExchLine's Ring Tone Source	0	0						
02	Dial Tone to Private Line	1	1						
03	Fast-Busy for Misdial on Priv.Line	0	0						
04	Use DDI/CLI Table "A"	0	0						
05	Paging during DISA/Priv.Line Call	1	0						
06	Verify DISA ID Code	0	0						

System-wide Exchange Line Timers: FF1 1 (01 and 02)

Address No.	Description	Available Settings	Default		Your Setting
			Setting	Value	
Exchange Line Timer Group #1: FF1 1 01 (0001-0019) Hold (setting) Hold					
0001	Flash Pattern #1 Timer	1-255	50	800 ms	
0002	Flash Pattern #2 Timer	1-255	5	80 ms	
0003	Flash Timer for Auto-Repeat Dial	1-255	124	1.984 sec	
0004	Pause Timer	1-255	3	3 sec	
0005	Call Duration Timer (public exchange line)	1-255	10	10 sec	
0006	Call Duration Timer (private line)	1-255	10	10 sec	
0007	Outpulse Delay Timer (public exchange line)	1-255	3	3 sec	
0008	Outpulse Delay Timer (private line/immediate start)	1-255	1	1 sec	
0009	Pre-Pause Timer (ISDN public exchange)	1-255	30	30 sec	
0010	Interdigit Timer (ARS and ISDN public exchange)	1-255	10	10 sec	
0011	not used				
0012	not used				
0013	Wink Wait Timer (private line)	1-255	5	5 sec	
0014	Public Exch. Start BT Detect (for Auto-Repeat Dial)	1-255	5	5 sec	
0015	Public Exch. BT Detect (for Auto-Repeat Dial)	1-255	30	30 sec	
0016	DTMF On/Off Pattern #1: ON Signal Duration	1-255	16	80 ms	
0017	DTMF On/Off Pattern #1: OFF Signal Duration	1-255	9	45 ms	
0018	DTMF On/Off Pattern #2: ON and OFF Signal Duration	1-255	1	125 ms ea.	
0019	DTMF On/Off Pattern #3: ON and OFF Signal Duration	1-255	2	250 ms ea.	
Exchange Line Timer Group #2: FF1 1 02 (0001-0015) Hold (setting) Hold					
0001	DISA Timer #1: No Answer	0-255	30	30 sec	
0002	DDI/DISA Timer #2: Multiple Incoming	0-255	16	16 sec	
0003	Public Exchange Delayed Ring Timer: Day1	0-255	20	20 sec	
0004	Public Exchange Delayed Ring Timer: Day2	0-255	20	20 sec	
0005	Public Exchange Delayed Ring Timer: Night	0-255	20	20 sec	
0006	Public Exchange Delayed Ring Timer: Busy	0-255	120	120 sec	
0007	Slide & Alarm Ring Timer: Day1	0-255	20	20 sec	
0008	Slide & Alarm Ring Timer: Day2	0-255	20	20 sec	
0009	Slide & Alarm Ring Timer: Night	0-255	20	20 sec	
0010	Long Talk Alarm #1 Timer (for first alarm)	0-255	180	180 sec	
0011	Long Talk Alarm #2 Timer (for subsequent alarms)	0-255	60	60 sec	
0012	Paging Timer for Private Lines	0-255	30	30 sec	
0013	ExchLine-to-ExchLine Connection Timer	0-255	60	60 min	
0014	Queuing Timer (for ARS)	0-255	15	15 sec	
0015	DDI Delayed Ring Timer	0-255	20	20 sec	

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NOTICE: Certified ICX Dealers and Technicians may reproduce this form as needed.**Table 11. System-wide Extension Timers***No. of Copies Needed: 1 per phone system.*

System-wide Extension Timers: FF1 1 (03 and 04)					
Address No.	Description	Available Settings	Default		Your Setting
			Setting	Value	
Extension Timer Group #1: FF1 1 03 (0001-0013) Hold (setting) Hold					
0001	Call Forward/DND Confirmation Tone Timer	0-255	3	3 sec	
0002	Message-Waiting Tone Timer	0-255	3	3 sec	
0003	Pre-Pause Timer at Internal Dial Tone (DP SLTs)	0-255	30	30 sec	
0004	Pre-Pause Timer at Internal Dial Tone (DTMF SLTs)	0-255	15	15 sec	
0005	Pre-Pause Timer at Internal Dial Tone (Digital Keyphs)	0-255	0	wait indefin.	
0006	Interdigit Timer (DP SLTs)	0-255	15	15 sec	
0007	Interdigit Timer (DTMF SLTs)	0-255	15	15 sec	
0008	Interdigit Timer (Digital Key Phones)	0-255	0	wait indefin.	
0009	DTMF Receiver Queuing Timer	0-255	6	6 sec	
0010	<i>not used</i>				
0011	<i>not used</i>				
0012	SLT Off Hook Signal Interval	0-255	10	10 sec	
0013	BLF Delayed Ring Timer	0-255	16	16 sec	
Extension Timer Group #2: FF1 1 04 (0001-0017) Hold (setting) Hold					
0001	Recall (from Hold) Start Timer (on extensions)	0-255	120	120 sec	
0002	Recall (from Hold) Start Timer (in Attendant Group)	0-255	20	20 sec	
0003	Recall (from Hold) Start Timer (on SLTs)	0-255	0	no recall	
0004	Recall (from Transfer) Start Timer (on extensions/SLTs)	0-255	60	60 sec	
0005	Recall (from Transfer) Start Timer (in Attendant Group)	0-255	20	20 sec	
0006	Recall (from Hold/Transfer) Duration Timer	0-255	60	60 sec	
0007	Reversion (to Attendant) Duration Timer	0-255	0	ring indefin.	
0008	Call Forward/No Answer Start Timer (Day1)	0-255	16	16 sec	
0009	Call Forward/No Answer Start Timer (Day2)	0-255	16	16 sec	
0010	Call Forward/No Answer Start Timer (Night)	0-255	16	16 sec	
0011	Callback Ringing Duration Timer	0-255	15	15 sec	
0012	Timed-Reminder Ringing Duration Timer	0-255	16	16 sec	
0013	Timed-Reminder Ringing Interval at Busy Extensions	0-255	16	16 sec	
0014	<i>not used</i>				
0015	<i>not used</i>				
0016	Howler Tone Start Timer	0-255	30	30 sec	
0017	Recall (from Park) Start Timer	0-255	180	180 sec	

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NOTICE: Certified ICX Dealers and Technicians may reproduce this form as needed.

Table 12. T1-CO Line Configuration (1 of 4) -USA only

No. of Copies Needed: 1 for every T1 card (24 channels).

T1 Line Settings: FF2 2 BSSCC (00 thru 09)						Cabinet/Slot No. (BSS):				Line Coding: AMI <input type="checkbox"/> B8ZS <input type="checkbox"/>								Frame Format: SF <input type="checkbox"/> ESF <input type="checkbox"/>							
Channel No. (CC):	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
00 Hold (0-2) Hold Trunk Connection Type 0=none 1=CO 2=network [leave at "1"]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
01 Hold (0-576) Hold Trunk Number 0=none 1-576=trunk no. [no assignmt]																									
02 00 Hold (0-3) Hold Signal Type 0=Loop 1=Gnd 2=DID/imm. 3=DID/wink																									
02 01 Hold (0 or 1) Hold Disconnect Detect 0=no detect 1=detect CO disconnect signal																									
02 02 Hold (0 or 1) Hold Dial Pulse Minimum Pause 0=625ms 1=1000ms																									
02 03 Hold (0 or 1) Hold Ground Start Ring Type 0=CO ring 1=no CO ring																									
02 04 Hold (0 or 1) Hold DID Ring Detect Timer 0=32ms 1=96ms																									
02 05 Hold (not used)																									
02 06 Hold (0 or 1) Hold Frame Format 0=SF 1=ESF																									
02 07 Hold (0 or 1) Hold Line Coding 0=AMI 1=B8ZS																									
02 08 Hold (0-6) Hold Ring Frequency (Hz) 0=no ring 1=400/562 2=1000/1340 3=400 4=800/1040 5=1040/1320 6=660/1320																									
02 09 Hold (0-12) Hold Ring Pattern 0=(use Pattern 1) 1=1sec.on/3sec.off 2-11=patterns (see Programming manual) 12=continuous tone																									
02 10 Hold (0-2) Hold DTMF Pattern during Talk 0=Pattern#1 1=Pattern#2 2=Pattern#3																									
02 11 Hold (0-2) Hold DTMF Pattern during Dialing 0=Pattern#1 1=Pattern#2 2=Pattern#3																									
02 12 Hold (0-3) Hold Disconnect Supervision Timer for LS/GS: 0=281ms 1=531ms 2=781ms 3=1.032sec for DID: 0=96ms 1=144ms 2=240ms 3=1.5sec																									
Channel No. (CC):	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	

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NOTICE: Certified ICX Dealers and Technicians may reproduce this form as needed.

Table 12. T1-CO Line Configuration (2 of 4) -USA only

No. of Copies Needed: 1 for every T1 card (24 channels).

T1 Line Settings: FF2 2 BSSCC (00 thru 09)						Cabinet/Slot No. (BSS):				Line Coding: AMI <input type="checkbox"/> B8ZS <input type="checkbox"/>								Frame Format: SF <input type="checkbox"/> ESF <input type="checkbox"/>							
Channel No. (CC):	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
02 13 Hold (0-3) Hold Guard Timer for Outbound Calls 0=500ms 1=1sec 2=1.5sec 3=2sec																									
02 14 Hold (0-3) Hold Inbound Ground Detect Timer 0=1sec 1=2sec 2=4sec 3=8sec																									
02 15 Hold (not used)																									
03 00 Hold (0 or 1) Hold DTMF/Dial Pulse Dialing 0=dial pulse/10pps 1=DTMF																									
03 01 Hold (0 or 1) Hold Flash Pattern 0=Pattern#1 1=Pattern#2																									
03 02 Hold (0 or 1) Hold Dial Tone Detection 0=no detect 1=detect before sending digits																									
03 03 Hold (0 or 1) Hold Trunk Connection Type (CO/PBX) 0=CO trunk 1=PBX trunk																									
03 04 Hold (0 or 1) Hold Auto-Repeat Dialing 0=do not allow 1=allow																									
03 05 Hold (0 or 1) Hold Link Control for DTMF SLTs 0=DTMF path open after called-pty.answr 1=no DTMF after called-party answer																									
03 06 Hold (0 or 1) Hold CO Dial Tone Simulation 0=no 1=yes																									
03 07 Hold (0 or 1) Hold SMDR - Outbound Calls 0=do not include 1=include																									
03 08 Hold (0 or 1) Hold SMDR - Inbound Calls 0=do not include 1=include																									
03 09 Hold (0 or 1) Hold Flash Key Operation 0=flash to CO 1=rel.chnl/send int.dialtone																									
03 10 Hold (0 or 1) Hold Long Talk Alarm 0=disabled 1=enabled																									
03 11 Hold (0 or 1) Hold Alarm Ringing 0=disabled 1=enabled																									
03 12 Hold (0 or 1) Hold Slide Ringing 0=disabled 1=enabled																									
03 13 Hold (0 or 1) Hold DTMF Conversion - Outbound 0=do not switch 1=switch to DTMF after called-party answer																									
Channel No. (CC):	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	

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NOTICE: Certified ICX Dealers and Technicians may reproduce this form as needed.

Table 12. T1-CO Line Configuration (3 of 4) -USA only

No. of Copies Needed: 1 for every T1 card (24 channels).

T1 Line Settings: FF2 2 BSSCC (00 thru 09)					Cabinet/Slot No. (BSS):				Line Coding: AMI <input type="checkbox"/> B8ZS <input type="checkbox"/>								Frame Format: SF <input type="checkbox"/> ESF <input type="checkbox"/>							
Channel No. (CC):	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
03 14 Hold (0 or 1) Hold DTMF Conversion - Inbound 0=do not switch 1=switch to DTMF after ext. answers																								
03 15 Hold (0 or 1) Hold Indirect LCR (U.K. only) 0=disabled 1=enabled																								
03 16 Hold (0 or 1) Hold Call Duration 0=don't use system timer 1=use system timer to start call duration																								
03 17 Hold (not used)																								
03 18 Hold (not used)																								
04 0 Hold (0-6) Hold Day 1 Ring Type 0=mult.Incom. 1=DID/DNIS 2=DISA DIL to: 3=Ext. 4=HuntGrp. 5=SSD 6=Att.																								
04 1 Hold (dest.no.) Hold Day 1 Ring Destination (enter Ext.No., HG No., SSD code, etc.)																								
04 2 Hold (0-6) Hold Day 2 Ring Type 0=mult.Incom. 1=DID/DNIS 2=DISA DIL to: 3=Ext. 4=HuntGrp. 5=SSD 6=Att.																								
04 3 Hold (dest.no.) Hold Day 2 Ring Destination (enter Ext.No., HG No., SSD code, etc.)																								
04 4 Hold (0-6) Hold Night Ring Type 0=mult.Incom. 1=DID/DNIS 2=DISA DIL to: 3=Ext. 4=HuntGrp. 5=SSD 6=Att.																								
04 5 Hold (dest.no.) Hold Night Ring Destination (enter Ext.No., HG No., SSD code, etc.)																								
05 0 Hold (0-4) Hold Day 1 Delayed Ring Type 0=no del.ring 1=to Ext. 2=to HuntGroup 3=to SSD 4=to Attendant																								
05 1 Hold (dest.no.) Hold Day 1 Delayed Ring Destination (enter Ext.No., HG No., SSD code, etc.)																								
05 2 Hold (0-4) Hold Day 2 Delayed Ring Type 0=no del.ring 1=to Ext. 2=to HuntGroup 3=to SSD 4=to Attendant																								
05 3 Hold (dest.no.) Hold Day 2 Delayed Ring Destination (enter Ext.No., HG No., SSD code, etc.)																								
05 4 Hold (0-4) Hold Night Delayed Ring Type 0=no del.ring 1=to Ext. 2=to HuntGroup 3=to SSD 4=to Attendant																								
Channel No. (CC):	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

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NOTICE: Certified ICX Dealers and Technicians may reproduce this form as needed.

Table 12. T1-CO Line Configuration (4 of 4) -USA only

No. of Copies Needed: 1 for every T1 card (24 channels).

T1 Line Settings: FF2 2 BSSCC (00 thru 09)	Line Coding: AMI <input type="checkbox"/> B8ZS <input type="checkbox"/>												Frame Format: SF <input type="checkbox"/> ESF <input type="checkbox"/>														
	Channel No. (CC):	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
05 5 Hold (dest.no.) Hold Night Delayed Ring Destination (enter Ext.No., HG No., SSD code, etc.)																											
06 Hold (0-72) Hold Tenant Group Assignment (enter Tenant Group 1-72) 0 [no assignmt]																											
07 0 Hold (1-50) Hold TRS Class Assignment (Day) (enter TRS Class 1-50) 1																											
07 1 Hold (1-50) Hold TRS Class Assignment (Night) (enter TRS Class 1-50) 1																											
08 Hold (1-16) Hold Trunk COS Assignment (enter Trunk COS 1-16) 1																											
09 Hold (1-16) Hold Trunk Digital Pad Class Assignmt (enter Trunk Digital Pad Class 1-16) 7																											

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NOTICE: Certified ICX Dealers and Technicians may reproduce this form as needed.

Table 13. T1-E&M Tie Line Configuration (1 of 3) -USA only

No. of Copies Needed: 1 for every T1 card (24 channels).

T1-E&M Tie Line Settings: FF2 2 BSSCC (00 thru 09)					Cabinet/Slot No. (BSS):				Line Coding: AMI <input type="checkbox"/> B8ZS <input type="checkbox"/>								Frame Format: SF <input type="checkbox"/> ESF <input type="checkbox"/>							
Channel No. (CC):	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
00 Hold (1 or 2) Hold Trunk Connection Type 1=CO 2=network [change to "2"]	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
01 Hold (0-576) Hold Trunk Number 0=none 1-576=trunk no. [no assignmt]																								
02 00 Hold (0-5) Hold Signal Type 4=E&M/Immed.Start 5=E&M/Wink Start																								
02 01 Hold (not used)																								
02 02 Hold (not used)																								
02 03 Hold (not used)																								
02 04 Hold (0 or 1) Hold DID Ring Detect Timer 0=48ms 1=160ms																								
02 05 Hold (0 or 1) Hold Auto Answer 0=disabled 1=enabled																								
02 06 Hold (0 or 1) Hold Frame Format 0=SF 1=ESF																								
02 07 Hold (0 or 1) Hold Line Coding 0=AMI 1=B8ZS																								
02 08 Hold (0-6) Hold Ring Frequency (Hz) 0=no ring 1=400/562 2=1000/1340 3=400 4=800/1040 5=1040/1320 6=660/1320																								
02 09 Hold (0-12) Hold Ring Pattern 0=synch.w/CO 1=1sec.on/3sec.off 2-11=patterns (see Programming manual) 12=continuous tone																								
02 10 Hold (0-2) Hold DTMF Pattern during Talk 0=Pattern#1 1=Pattern#2 2=Pattern#3																								
02 11 Hold (0-2) Hold DTMF Pattern during Dialing 0=Pattern#1 1=Pattern#2 2=Pattern#3																								
02 12 Hold (0-3) Hold Disconnect Supervision Timer for E&M: 0=160ms 1=96ms 2=240ms 3=800ms																								
02 13 Hold (not used)																								
02 14 Hold (not used)																								
02 15 Hold (0-3) Hold Auto Answer Timer 0=1sec 1=2sec 2=3sec 3=4sec																								
Channel No. (CC):	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

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NOTICE: Certified ICX Dealers and Technicians may reproduce this form as needed.

Table 13. T1-E&M Tie Line Configuration (2 of 3) -USA only

No. of Copies Needed: 1 for every T1 card (24 channels).

T1 E&M Tie Line Settings: FF2 2 BSSCC (00 thru 09)	Cabinet/Slot No. (BSS):				Line Coding: AMI <input type="checkbox"/> B8ZS <input type="checkbox"/>												Frame Format: SF <input type="checkbox"/> ESF <input type="checkbox"/>							
Channel No. (CC):	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
03 00 Hold (0 or 1) Hold DTMF/Dial Pulse Dialing 0=dial pulse/10pps 1=DTMF																								
03 01 Hold (0 or 1) Hold Flash Pattern 0=Pattern#1 1=Pattern#2																								
03 02 Hold (not used)																								
03 03 Hold (0 or 1) Hold Trunk Connection Type (CO/PBX) 0=CO trunk 1=PBX trunk																								
03 04 Hold (not used)																								
03 05 Hold (0 or 1) Hold Link Control for DTMF SLTs 0=DTMF path open after called-pty.answr 1=no DTMF after called-party answer																								
03 06 Hold (0 or 1) Hold CO Dial Tone Simulation 0=no 1=yes																								
03 07 Hold (0 or 1) Hold SMDR - Outbound Calls 0=do not include 1=include																								
03 08 Hold (0 or 1) Hold SMDR - Inbound Calls 0=do not include 1=include																								
03 09 Hold (0 or 1) Hold Flash Key Operation 0=flash to CO 1=rel.chnl/send int.dialtone																								
03 10 Hold (not used)																								
03 11 Hold (not used)																								
03 12 Hold (not used)																								
03 13 Hold (0 or 1) Hold DTMF Conversion - Outbound 0=do not switch 1=switch to DTMF after called-party answer																								
03 14 Hold (0 or 1) Hold DTMF Conversion - Inbound 0=do not switch 1=switch to DTMF after ext. answers																								
03 15 Hold (0 or 1) Hold Indirect LCR (U.K. only) 0=disabled 1=enabled																								
03 16 Hold (not used)																								
03 17 Hold (not used)																								
03 18 Hold (not used)																								
04 0 Hold (0 or 1) Hold Day 1 Ring Type 0=tie incoming 1=tandem																								
04 1 Hold (not used)																								
Channel No. (CC):	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

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NOTICE: Certified ICX Dealers and Technicians may reproduce this form as needed.

Table 13. T1-E&M Tie Line Configuration (3 of 3) -USA only

No. of Copies Needed: 1 for every T1 card (24 channels).

T1 E&M Tie Line Settings: FF2 2 BSSCC (00 thru 09)						Cabinet/Slot No. (BSS):		Line Coding: AMI <input type="checkbox"/> B8ZS <input type="checkbox"/>								Frame Format: SF <input type="checkbox"/> ESF <input type="checkbox"/>								
Channel No. (CC):	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
04 2 Hold (0 or 1) Hold																								
Day 2 Ring Type 0=tie incoming 1=tandem																								
04 3 Hold (not used)																								
04 4 Hold (0 or 1) Hold																								
Night Ring Type 0=tie incoming 1=tandem																								
04 5 Hold (not used)																								
05 0 Hold (not used)																								
05 1 Hold (not used)																								
05 2 Hold (not used)																								
05 3 Hold (not used)																								
05 4 Hold (not used)																								
05 5 Hold (not used)																								
06 Hold (0-72) Hold Tenant Group Assignment (enter Tenant Group 1-72) 0 [no assignmt]																								
07 0 Hold (1-50) Hold TRS Class Assignment (Day) (enter TRS Class 1-50) 1																								
07 1 Hold (1-50) Hold TRS Class Assignment (Night) (enter TRS Class 1-50) 1																								
08 Hold (1-16) Hold Trunk COS Assignment (enter Trunk COS 1-16) 1																								
09 Hold (1-16) Hold Trunk Digital Pad Class Assignmt (enter Trunk Digital Pad Class 1-16) 7																								
Channel No. (CC):	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

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NOTICE: Certified ICX Dealers and Technicians may reproduce this form as needed.

Table 14. Analog Public Exchange Line Configuration (1 of 4)

No. of Copies Needed: 1 for every 3 LS exchange line cards (24 circuits total).

Analog Public ExchLine settings: FF2 0 BSSC (00 thru 08)	CCU/Slot No. (BSS):								CCU/Slot No. (BSS):								CCU/Slot No. (BSS):								
	Circuit No. (C):	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
00 Hold (0-576) Hold Exchange Line Number 0=none 1-576=exchange line no. [no assignmt]																									
01 00 Hold (0-5) Hold Signal Type 0=Loop Start <i>(not in U.K.): 1=Grnd. 2=DID/imm. 3=DID/wink</i>																									
01 01 Hold (0 or 1) Hold Loop Detect 0=no detect 1=detect																									
01 02 Hold (0 or 1) Hold Disconnect Detect 0=detect disconnect signal 1=no detect																									
01 03 Hold (0 or 1) Hold Dial Pulse Minimum Pause 0=750ms 1=1sec																									
01 04 Hold (0 or 1) Hold Ground Start Ring Type <i>(not in U.K.)</i> 0=CO supplies ring signal 1=not																									
01 05 Hold (0 or 1) Hold DID Ring Detect Timer <i>(not in U.K.)</i> 0=32ms 1=96ms																									
01 06 Hold (not used)																									
01 07 Hold (not used)																									
01 08 Hold (not used)																									
01 09 Hold (0 or 1) Hold Reverse Answer Signal Control 0=reverse signal from public exchange 1=no reverse signal from public exchange																									
01 10 Hold (0 or 1) Hold Caller ID <i>(USA and Hong Kong only)</i> 0=disabled 1=enabled																									
01 11 Hold (0-6) Hold Ring Frequency (Hz) 0=melody 1=400/562 2=1000/1340 3=400 4=800/1040 5=1040/1320 6=660/1320																									
01 12 Hold (0-12) Hold Ring Pattern 0=synch.w/Public Exchange 1=1sec.on/2sec.off 2-11=patterns (see Programming manual) 12=continuous tone																									
01 13 Hold (0-2) Hold DTMF Pattern during Talk 0=Pattern#1 1=Pattern#2 2=Pattern#3																									
01 14 Hold (0-2) Hold DTMF Pattern during Dialling 0=Pattern#1 1=Pattern#2 2=Pattern#3																									
01 15 Hold (0-3) Hold Disconnect Supervision Timer 0=281ms 1=531ms 2=781ms 3=1.032sec																									
Circuit No. (C):	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	

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NOTICE: Certified ICX Dealers and Technicians may reproduce this form as needed.

Table 14. Analog Public Exchange Line Configuration (2 of 4)

No. of Copies Needed: 1 for every 3 LS exchange line cards (24 circuits total).

Analog Public ExchLine settings: FF2 0 BSSC (00 thru 08)	CCU/Slot No. (BSS):								CCU/Slot No. (BSS):								CCU/Slot No. (BSS):								
	Circuit No. (C):	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
01 16 Hold (0-3) Hold Guard Timer for Outbound Calls 0=500ms 1=1sec 2=1.5sec 3=2sec																									
01 17 Hold (0-3) Hold Inbound Ground Detect Timer (not U.K.) 0=1sec 1=2sec 2=4sec 3=8sec																									
01 18 Hold (not used)																									
01 19 Hold (0 or 1) Hold Ring Interval for Abandoned Calls 0=5sec 1=6sec 2=8sec 3=11sec																									
02 00 Hold (0 or 1) Hold DTMF/Dial Pulse Dialling 0=dial pulse/10pps 1=DTMF																									
02 01 Hold (0 or 1) Hold Flash Pattern 0=Pattern#1 1=Pattern#2																									
02 02 Hold (0 or 1) Hold Dial Tone Detection 0=no detect 1=detect before sending digits																									
02 03 Hold (0 or 1) Hold Call Duration 0=don't use system timer 1=use system timer to start call duration																									
02 04 Hold (0 or 1) Hold Connection Type (Public Exch./PBX) 0=Public Exchange 1=PBX																									
02 05 Hold (0 or 1) Hold Auto-Repeat Dial 0=do not allow 1=allow																									
02 06 Hold (0 or 1) Hold Link Control for DTMF SLTs 0=DTMF path open after called-party answer 1=no DTMF after called-party answer																									
02 07 Hold (0 or 1) Hold Public Exch. Dial Tone Simulation 0=no 1=yes																									
02 08 Hold (0 or 1) Hold Caller ID Ring Control (USA & H.K. only) 0=wait for Caller ID data 1=ring immediately																									
02 09 Hold (0 or 1) Hold Call Logging - Outbound Calls 0=do not include 1=include																									
02 10 Hold (0 or 1) Hold Call Logging - Inbound Calls 0=do not include 1=include																									
02 11 Hold (0 or 1) Hold Flash Key Operation 0=flash to public exch. 1=release line/send int.dialtone																									
Circuit No. (C):	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	

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NOTICE: Certified ICX Dealers and Technicians may reproduce this form as needed.

Table 14. Analog Public Exchange Line Configuration (3 of 4)

No. of Copies Needed: 1 for every 3 LS exchange line cards (24 circuits total).

Analog Public ExchLine settings: FF2 0 BSSC (00 thru 08)	CCU/Slot No. (BSS):								CCU/Slot No. (BSS):								CCU/Slot No. (BSS):								
	Circuit No. (C):	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
02 12 Hold (0 or 1) Hold Long Talk Alarm 0=disabled 1=enabled																									
02 13 Hold (0 or 1) Hold Alarm Ringing 0=disabled 1=enabled																									
02 14 Hold (0 or 1) Hold Slide Ringing 0=disabled 1=enabled																									
02 15 Hold (0 or 1) Hold DTMF Conversion - Outbound 0=do not switch 1=switch to DTMF after called-party answer																									
02 16 Hold (0 or 1) Hold DTMF Conversion - Inbound 0=do not switch 1=switch to DTMF after ext. answers																									
02 17 Hold (0 or 1) Hold Indirect LCR (U.K. only) 0=disabled 1=enabled																									
02 18 Hold (not used)																									
02 19 Hold (not used)																									
02 20 Hold (not used)																									
03 0 Hold (0-6) Hold Day 1 Ring Type 0=mult.Incom. 1=DDI/CLI 2=DISA DL to: 3=Ext. 4=HuntGrp. 5=SSD 6=Att.																									
03 1 Hold (dest.no.) Hold Day 1 Ring Destination (enter Ext.No., HG No., SSD code, etc.)																									
03 2 Hold (0-6) Hold Day 2 Ring Type 0=mult.Incom. 1=DDI/CLI 2=DISA DL to: 3=Ext. 4=HuntGrp. 5=SSD 6=Att.																									
03 3 Hold (dest.no.) Hold Day 2 Ring Destination (enter Ext.No., HG No., SSD code, etc.)																									
03 4 Hold (0-6) Hold Night Ring Type 0=mult.Incom. 1=DDI/CLI 2=DISA DL to: 3=Ext. 4=HuntGrp. 5=SSD 6=Att.																									
03 5 Hold (dest.no.) Hold Night Ring Destination (enter Ext.No., HG No., SSD code, etc.)																									
Circuit No. (C):	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	

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NOTICE: Certified ICX Dealers and Technicians may reproduce this form as needed.

Table 14. Analog Public Exchange Line Configuration (4 of 4)

No. of Copies Needed: 1 for every 3 LS exchange line cards (24 circuits total).

Analog Public ExchLine settings: FF2 0 BSSC (00 thru 08)	CCU/Slot No. (BSS):								CCU/Slot No. (BSS):								CCU/Slot No. (BSS):							
	Circuit No. (C):	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7
04 0 Hold (0-4) Hold Day 1 Delayed Ring Type 0=no del.ring 1=to Ext. 2=to HuntGroup 3=to SSD 4=to Attendant																								
04 1 Hold (dest.no.) Hold Day 1 Delayed Ring Destination (enter Ext.No., HG No., SSD code, etc.)																								
04 2 Hold (0-4) Hold Day 2 Delayed Ring Type 0=no del.ring 1=to Ext. 2=to HuntGroup 3=to SSD 4=to Attendant																								
04 3 Hold (dest.no.) Hold Day 2 Delayed Ring Destination (enter Ext.No., HG No., SSD code, etc.)																								
04 4 Hold (0-4) Hold Night Delayed Ring Type 0=no del.ring 1=to Ext. 2=to HuntGroup 3=to SSD 4=to Attendant																								
04 5 Hold (dest.no.) Hold Night Delayed Ring Destination (enter Ext.No., HG No., SSD code, etc.)																								
05 Hold (0-72) Hold Tenant Group Assignment (enter Tenant Group 1-72) 0 [no assignment]																								
06 0 Hold (1-50) Hold TRS Class Assignment (Day) (enter TRS Class 1-50) 1																								
06 1 Hold (1-50) Hold TRS Class Assignment (Night) (enter TRS Class 1-50) 1																								
07 Hold (1-16) Hold Exchange Line COS Assignment (enter Exchange Line COS 1-16) 1																								
08 Hold (1-16) Hold ExchLine Digital Pad Class Assignmt (enter ExchLine Digital Pad Class 1-16) 1																								
Circuit No. (C):	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8

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Table 15. AC-15 Private Line Configuration (1 of 3)

No. of Copies Needed: 1 for every 6 AC-15 private line cards (24 circuits total).

AC-15 Private Line Settings: FF2 0 BSSC (00 thru 08)	CCU/Slot No. (BSS):				CCU/Slot No. (BSS):				CCU/Slot No. (BSS):				CCU/Slot No. (BSS):				CCU/Slot No. (BSS):							
	Circuit No. (C):	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
00 Hold (0-576) Hold																								
Exchange Line Number 0=none 1-576=exchange line no. [none]																								
01 00 Hold (0-5) Hold																								
Signal Type 4=AC-15/Immed.Start 5=AC-15/Wink Start																								
01 01 Hold (not used)																								
01 02 Hold (not used)																								
01 03 Hold (not used)																								
01 04 Hold (not used)																								
01 05 Hold (0 or 1) Hold																								
Ring Detect Timer for Immed.Start 0=48ms 1=160ms																								
01 06 Hold (0 or 1) Hold																								
Auto Answer (Outbound Calls) 0=disabled 1=enabled																								
01 07 Hold (0 or 1) Hold																								
Balance Control 0=long loop 1=short loop																								
01 08 Hold (0 or 1) Hold																								
Pad Control 0=far 1=near																								
01 09 Hold (not used)																								
01 10 Hold (not used)																								
01 11 Hold (1-6) Hold																								
Ring Frequency (Hz) 1=400/562 2=1000/1340 3=400 4=800/1040 5=1040/1320 6=660/1320																								
01 12 Hold (0-12) Hold																								
Ring Pattern 0=synch.w/public exch. 1=1sec.on/2sec.off 2-11=patterns (see Programming manual) 12=continuous tone																								
01 13 Hold (0-2) Hold																								
DTMF Pattern during Talk 0=Pattern#1 1=Pattern#2 2=Pattern#3																								
01 14 Hold (0-2) Hold																								
DTMF Pattern during Dialling 0=Pattern#1 1=Pattern#2 2=Pattern#3																								
01 15 Hold (0-3) Hold																								
Disconnect Supervision Timer 0=160ms 1=96ms 2=240ms 3=800ms																								
01 16 Hold (not used)																								
01 17 Hold (not used)																								
01 18 Hold (0-3) Hold																								
Auto Answer Timer 0=1sec 1=2sec 2=3sec 3=4sec																								
01 19 Hold (not used)																								
Circuit No. (C):	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4

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Table 15. AC-15 Private Line Configuration (2 of 3)

No. of Copies Needed: 1 for every 6 AC-15 private line cards (24 circuits total).

AC-15 Private Line Settings: FF2 0 BSSC (00 thru 08)	CCU/Slot No. (BSS):				CCU/Slot No. (BSS):				CCU/Slot No. (BSS):				CCU/Slot No. (BSS):			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Circuit No. (C):																
02 00 Hold (0 or 1) Hold DTMF/Dial Pulse Dialing 0=dial pulse/10pps 1=DTMF																
02 01 Hold (0 or 1) Hold Flash Pattern 0=Pattern#1 1=Pattern#2																
02 02 Hold (not used)																
02 03 Hold (not used)																
02 04 Hold (0 or 1) Hold Connection Type (Public Exch./PBX) 0=Public Exchange 1=PBX																
02 05 Hold (not used)																
02 06 Hold (0 or 1) Hold Link Control for DTMF SLTs 0=DTMF path open after called-party answer 1=no DTMF after called-party answer																
02 07 Hold (0 or 1) Hold Public Exch. Dial Tone Simulation 0=no 1=yes																
02 08 Hold (not used)																
02 09 Hold (0 or 1) Hold Call Logging - Outbound Calls 0=do not include 1=include																
02 10 Hold (0 or 1) Hold Call Logging - Inbound Calls 0=do not include 1=include																
02 11 Hold (0 or 1) Hold Flash Key Operation 0=flash to public exch. 1=release line/send int.dialtone																
02 12 Hold (not used)																
02 13 Hold (not used)																
02 14 Hold (not used)																
02 15 Hold (0 or 1) Hold DTMF Conversion - Outbound 0=do not switch 1=switch to DTMF after called-party answer																
02 16 Hold (0 or 1) Hold DTMF Conversion - Inbound 0=do not switch 1=switch to DTMF after ext. answers																
02 17 Hold (0 or 1) Hold Indirect LCR (U.K. only) 0=disabled 1=enabled																
02 18 Hold (not used)																
02 19 Hold (not used)																
02 20 Hold (not used)																

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NOTICE: Certified ICX Dealers and Technicians may reproduce this form as needed.

Table 15. AC-15 Private Line Configuration (3 of 3)

No. of Copies Needed: 1 for every 6 AC-15 private line cards (24 circuits total).

AC-15 Private Line Settings: FF2 0 BSSC (00 thru 08)	CCU/Slot No. (BSS):				CCU/Slot No. (BSS):				CCU/Slot No. (BSS):				CCU/Slot No. (BSS):				CCU/Slot No. (BSS):							
	Circuit No. (C):	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
03 0 Hold (0 or 1) Hold Day 1 Ring Type 0=tie incoming 1=tandem																								
03 1 Hold (not used)																								
03 2 Hold (0 or 1) Hold Day 2 Ring Type 0=tie incoming 1=tandem																								
03 3 Hold (not used)																								
03 4 Hold (0 or 1) Hold Night Ring Type 0=tie incoming 1=tandem																								
03 5 Hold (not used)																								
04 0 Hold (not used)																								
04 1 Hold (not used)																								
04 2 Hold (not used)																								
04 3 Hold (not used)																								
04 4 Hold (not used)																								
04 5 Hold (not used)																								
05 Hold (1-72) Hold Tenant Group Assignment (enter Tenant Group 1-72) [no assignmt]																								
06 0 Hold (1-50) Hold TRS Class Assignment (Day) (enter TRS Class 1-50) 1																								
06 1 Hold (1-50) Hold TRS Class Assignment (Night) (enter TRS Class 1-50) 1																								
07 Hold (1-16) Hold Exchange Line COS Assignment (enter Exchange Line COS 1-16) 1																								
08 Hold (1-16) Hold ExchLine Digital Pad Class Assignmt (enter Exchange Line Digital Pad Class 1-16) 8																								
Circuit No. (C):	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4

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NOTICE: Certified ICX Dealers and Technicians may reproduce this form as needed.

Table 16. ISDN Exchange Lines (1 of 3)

No. of Copies Needed: One for every 3 ISDN cards.

ISDN Exchange Line Settings:	FF1 01 0009 Hold (1-255) Hold Pre-Pause Timer for Outbound ISDN Calls (set no. of seconds 1-255) 30 seconds	FF1 01 0010 Hold (1-255) Hold Interdigit Timer for Outbound ISDN Calls (set no. of seconds 1-255) 10 seconds	FF1 4 05 (0001-0192) Hold (0-9999) Hold DDI Dialling to ISDN "S" Point (match S-point to extensions) (see Table 18)	
FF2 1 BSSC ...	CCU/Slot No. (BSS):	CCU/Slot No. (BSS):	CCU/Slot No. (BSS):	
BRI (1-4) or PRI (1) Circuit No. (C):	1	2	3	4
01 Hold (0-576) Hold Exchange Line Number (enter 1st ISDN exch. line no./max. 3 digits) [none]				
02 00 Hold (0 or 1) Hold Connection Type (Point-to-Pt/MultiPt) 0=point-to-point 1=point-to-multipoint (BRI only)				
02 01 Hold (0-6) Hold Ring Frequency (Hz) 0=no ring 1=400/562 2=1000/1340 3=400 4=800/1040 5=1040/1320 6=660/1320				
02 02 Hold (0-12) Hold Ring Pattern 0=synch.w/public exch. 1=1sec.on/2sec.off 2-11=patterns (see Pgmng.manual) 12=continuous tone				
02 03 Hold (0-2) Hold DTMF Pattern during Talk 0=Pattern#1 1=Pattern#2 2=Pattern#3				
02 04 Hold (not used)				
02 05 Hold (not used)				
03 00 Hold (0 or 1) Hold Connection Type (Public Exch./PBX) 0=Public Exchange 1=PBX				
03 01 Hold (0 or 1) Hold Auto-Repeat Dial 0=do not allow 1=allow				
03 02 Hold (0 or 1) Hold Call Logging - Outbound Calls 0=do not include 1=include				
03 03 Hold (0 or 1) Hold Call Logging - Inbound Calls 0=do not include 1=include				
03 04 Hold (0 or 1) Hold Flash Key Operation 0=disconnect current talk path/keep exch.line/user hears simulated dialtone 1=release line/send int.dialtone				
03 05 Hold (0 or 1) Hold Long Talk Alarm 0=disabled 1=enabled				
Circuit No. (C):	1	2	3	4

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Table 16. ISDN Exchange Lines (2 of 3)

No. of Copies Needed: One for every 3 ISDN cards.

ISDN Exchange Line Settings: FF2 1 BSSC ...	CCU/Slot No. (BSS):				CCU/Slot No. (BSS):				CCU/Slot No. (BSS):			
	1	2	3	4	1	2	3	4	1	2	3	4
BRI (1-4) or PRI (1) Circuit No. (C):												
03 06 Hold (0 or 1) Hold												
Alarm Ringing 0=disabled 1=enabled												
03 07 Hold (0 or 1) Hold												
Slide Ringing 0=disabled 1=enabled												
03 08 Hold (0 or 1) Hold												
Indirect LCR (U.K. only) 0=disabled 1=enabled												
03 09 Hold (0 or 1) Hold												
B-Channel Select 0=system selects highest-no. d channel 1=lowest-no. d												
03 10 Hold (0 or 1) Hold												
B-Channel Numbering (Layer 3) 0=slot mapping 1=channel numbering												
03 11 Hold (0 or 1) Hold												
Call ID Length 0=1 byte/octet (deflt:PRI) 1=2 bytes/octets (deflt:PRI)												
03 12 Hold (0 or 1) Hold												
Calling Number Send 0=do not send 1=send calling number to public exch.												
03 13 Hold (0 or 1) Hold												
Sub-Address Type 0=IA5 coding 1=BCD coding												
03 14 Hold thru												
03 22 Hold												
04 0 Hold (0-6) Hold												
Day 1 Ring Type 0=mult.incom. 1=DDI/CLI 2=DISA DL to: 3=Ext. 4=HuntGrp. 5=SSD 6=Attendant												
04 1 Hold (dest.no.) Hold												
Day 1 Ring Destination (enter Ext.No., HG No., SSD code, etc.)												
04 2 Hold (0-6) Hold												
Day 2 Ring Type 0=mult.incom. 1=DDI/CLI 2=DISA DL to: 3=Ext. 4=HuntGrp. 5=SSD 6=Attendant												
04 3 Hold (dest.no.) Hold												
Day 2 Ring Destination (enter Ext.No., HG No., SSD code, etc.)												
04 4 Hold (0-6) Hold												
Night Ring Type 0=mult.incom. 1=DDI/CLI 2=DISA DL to: 3=Ext. 4=HuntGrp. 5=SSD 6=Attendant												
04 5 Hold (dest.no.) Hold												
Night Ring Destination (enter Ext.No., HG No., SSD code, etc.)												
04 6 Hold (0-6) Hold												
Circuit No. (C):	1	2	3	4	1	2	3	4	1	2	3	4

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Table 16. ISDN Exchange Lines (3 of 3)

No. of Copies Needed: One for every 3 ISDN cards.

ISDN Exchange Line Settings: IFF2 1 BSSC ...	CCU/Slot No. (BSS):				CCU/Slot No. (BSS):				CCU/Slot No. (BSS):			
	1	2	3	4	1	2	3	4	1	2	3	4
BRI (1-4) or PRI (1) Circuit No. (C):												
04 5 Hold (dest.no.) Hold Night Ring Destination (enter Ext.No., HG No., SSD code, etc.)												
05 0 Hold (0-4) Hold Day 1 Delayed Ring Type 0=no del.ring 1=to Ext. 2=to HuntGroup 3=to SSD 4=to Attendant												
05 1 Hold (dest.no.) Hold Day 1 Delayed Ring Destination (enter Ext.No., HG No., SSD code, etc.)												
05 2 Hold (0-4) Hold Day 2 Delayed Ring Type 0=no del.ring 1=to Ext. 2=to HuntGroup 3=to SSD 4=to Attendant												
05 3 Hold (dest.no.) Hold Day 2 Delayed Ring Destination (enter Ext.No., HG No., SSD code, etc.)												
05 4 Hold (0-4) Hold Night Delayed Ring Type 0=no del.ring 1=to Ext. 2=to HuntGroup 3=to SSD 4=to Attendant												
05 5 Hold (dest.no.) Hold Night Delayed Ring Destination (enter Ext.No., HG No., SSD code, etc.)												
06 (00-23) Hold (0-72) Hold Tenant Group Assignment (B-Channel) (00-23=B-Channel 1-24) (enter Tenant Group 1-72) 0 [no assignment]												
07 0 Hold (1-50) Hold TRS Class Assignment (Day) (enter TRS Class 1-50) 1												
07 1 Hold (1-50) Hold TRS Class Assignment (Night) (enter TRS Class 1-50) 1												
08 Hold (1-16) Hold Exchange Line COS Assignment (enter Exchange Line COS 1-16) 1												
09 0 Hold (up to 6 digits) Hold Calling Number Area Code (enter ISDN line's Area Code) [no assignment]												
09 1 Hold (up to 6 digits) Hold Calling Number Office Code (enter ISDN line's Office Code) [no assignment]												
09 2 Hold (up to 4 digits) Hold Calling Number Subscriber Number (enter ISDN line's Subscriber No.) [no assignment]												
10 Hold (1-16) Hold ExchLine Digital Pad Class Assignment (enter Exchange Line Digital Pad Class 1-16) 7												
Circuit No. (C):	1	2	3	4	1	2	3	4	1	2	3	4

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Table 17. ISDN Extensions

No. of Copies Needed: One for every 2 ISDN cards. NOTE: Use Table 18 for ISDN S-Point DDI/CLI Numbers.

ISDN Extension Settings: FF3 1 BSSC ...	CCU/Slot No. (BSS):				CCU/Slot No. (BSS):				
	BRI (1-4) or PRI (1) Circuit No. (C):	1	2	3	4	1	2	3	4
00 0 Hold (BSSC) Hold D-Channel Position for PRI Card B=cabinet 1-6 SS=slot 01-12 C=circuit 1-4 for BRI, or 1 for PRI [no assignment]									
00 1 Hold (1-127) Hold D-Channel Interface ID Code (enter ID code supplied by public exch.) [no assignmt]									
01 Hold (0-9999) Hold Extension Number (enter ISDN port no. 0-9999) [no assignment]									
02 00 Hold (0 or 1) Hold Connection Type 0=point-to-point 1=point-to-multipoint (BRI only)									
02 01 Hold (0 or 1) Hold Passive Bus 0=short loop (200 meters) 1=long loop (1 kilometer)									
02 02 Hold (0 or 1) Hold Layer 1 Operate Mode 0=active mode 1=activated per call									
02 03 Hold (not used)									
03 00 Hold (0 or 1) Hold B-Channel Select 0=system selects highest-no.'d channel 1=lowest-no.'d									
03 01 Hold (0 or 1) Hold B-Channel Numbering (Layer 3) 0=slot mapping 1=channel numbering									
03 02 Hold (0 or 1) Hold Call ID Length 0=1 byte/octet (deflt:BRI) 1=2 bytes/octets (deflt:PRI)									
03 03 Hold (0 or 1) Hold Called Number Indication 0=do not send 1=send called no. to ISDN terminal									
03 04 Hold (0 or 1) Hold Called Sub-Address Indication 0=do not send 1=send orig.term.sub-addr. to ISDN ext.									
03 05 Hold (not used)									
03 06 Hold (0 or 1) Hold Progress Tone 0=do not send 1=send progress tones to ISDN terminl									
03 07 Hold (0 or 1) Hold Data Security 0=disabled (allow interruptions) 1=enabled									
04 Hold (1-72) Hold Tenant Group Assignmt (Incoming Calls) (enter Tenant Group 1-72) 1									
05 0 Hold (1-50) Hold TRS Class Assignment (Day) (enter TRS Class 1-50) 1									
05 1 Hold (1-50) Hold TRS Class Assignment (Night) (enter TRS Class 1-50) 1									
06 Hold (1-16) Hold Extension COS Assignment (enter Extension COS 1-16) 1									
07 0 Hold (1-8) Hold Extension Digital Pad Class Assignment (enter Extension Digital Pad Class 1-8) 5									
08 Hold (1 or 2) Hold Dial Plan Assignment 1=Dial Plan "A" 2=Dial Plan "B"									
Circuit No. (C):	1	2	3	4	1	2	3	4	

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*NOTICE: Certified ICX Dealers and Technicians may reproduce this form as needed.***Table 18. ISDN S-Point DDI Extensions***No. of Copies Needed: One per system (up to 96 S-point-to-Extension links). In the address, the S-point No. must be re-entered for each extension that is linked to it.*

Entry	Address	for S-point DDI (0-9999)	Address	for Destination Ext. (0-9999)	Entry	Address	for S-point DDI (0-9999)	Address	for Destination Ext. (0-9999)
#1	0001:		0002:		#49	0097:		0098:	
#2	0003:		0004:		#50	0099:		0100:	
#3	0005:		0006:		#51	0101:		0102:	
#4	0007:		0008:		#52	0103:		0104:	
#5	0009:		0010:		#53	0105:		0106:	
#6	0011:		0012:		#54	0107:		0108:	
#7	0013:		0014:		#55	0109:		0110:	
#8	0015:		0016:		#56	0111:		0112:	
#9	0017:		0018:		#57	0113:		0114:	
#10	0019:		0020:		#58	0115:		0116:	
#11	0021:		0022:		#59	0117:		0118:	
#12	0023:		0024:		#60	0119:		0120:	
#13	0025:		0026:		#61	0121:		0122:	
#14	0027:		0028:		#62	0123:		0124:	
#15	0029:		0030:		#63	0125:		0126:	
#16	0031:		0032:		#64	0127:		0128:	
#17	0033:		0034:		#65	0129:		0130:	
#18	0035:		0036:		#66	0131:		0132:	
#19	0037:		0038:		#67	0133:		0134:	
#20	0039:		0040:		#68	0135:		0136:	
#21	0041:		0042:		#69	0137:		0138:	
#22	0043:		0044:		#70	0139:		0140:	
#23	0045:		0046:		#71	0141:		0142:	
#24	0047:		0048:		#72	0143:		0144:	
#25	0049:		0050:		#73	0145:		0146:	
#26	0051:		0052:		#74	0147:		0148:	
#27	0053:		0054:		#75	0149:		0150:	
#28	0055:		0056:		#76	0151:		0152:	
#29	0057:		0058:		#77	0153:		0154:	
#30	0059:		0060:		#78	0155:		0156:	
#31	0061:		0062:		#79	0157:		0158:	
#32	0063:		0064:		#80	0159:		0160:	
#33	0065:		0066:		#81	0161:		0162:	
#34	0067:		0068:		#82	0163:		0164:	
#35	0069:		0070:		#83	0165:		0166:	
#36	0071:		0072:		#84	0167:		0168:	
#37	0073:		0074:		#85	0169:		0170:	
#38	0075:		0076:		#86	0171:		0172:	
#39	0077:		0078:		#87	0173:		0174:	
#40	0079:		0080:		#88	0175:		0176:	
#41	0081:		0082:		#89	0177:		0178:	
#42	0083:		0084:		#90	0179:		0180:	
#43	0085:		0086:		#91	0181:		0182:	
#44	0087:		0088:		#92	0183:		0184:	
#45	0089:		0090:		#93	0185:		0186:	
#46	0091:		0092:		#94	0187:		0188:	
#47	0093:		0094:		#95	0189:		0190:	
#48	0095:		0096:		#96	0191:		0192:	

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NOTICE: Certified ICX Dealers and Technicians may reproduce this form as needed.

Table 19. Digital Keyphone and SLT Extension Settings (1 of 2)

No. of Copies Needed: 1 for every Extension card (8 ports).

Digital Keyphones and SLTs: FF3 0 BSSC ...	CCU/Slot No. (BSS):							
Extension Circuit No. (C):	1	2	3	4	5	6	7	8
00 Hold (1-3) Hold Phone Type 1=digital keyphone or SLT 2=EM/24 3=DSS/72								
01 Hold (1-5) Hold Phone Version 1-4=Digital Keyphones 5=Digital SLT (settings 1-4 are automatically detected)								
02 Hold (0-9999) Hold Extension Number (assign Ext.No. to port) [no assignment]								
03 0 Hold (0 or 1) Hold SLT Hookflash 0=detect (place call on hold) 1=ignore hookflash								
03 1 Hold (0 or 1) Hold SLT Dial Type 0=dial pulse 1=DTMF								
03 2 Hold (0-3) Hold SLT On-Hook Detection Timer if detect hkflsh: (ms) 0=240 1=1008 2=1200 3=1504 if ignore hkflsh: (ms) 0=160 1=112 2=208 3=304								
03 3 Hold (0-3) Hold SLT Hookflash Timer 0=80-176 ms 1=96-176 ms 2=208 ms 3=208 ms								
03 4 Hold (not used)								
04 00 Hold (0 or 1) Hold Auto Answer (Handset) 0=pick up handset and press exchange line key 1=pick up handset only								
04 01 Hold (0 or 1) Hold Ring Line Preference (ON/OFF) 0=must press exchange line key 1=press ON/OFF only								
04 02 Hold (0 or 1) Hold Slide Ringing Receive 0=do not allow 1=allow								
04 03 Hold (0 or 1) Hold Busy Override on Exchange Line Key 0=do not allow 1=allow								
04 04 Hold (0 or 1) Hold Auto Camp-On Receive 0=do not allow 1=allow								
04 05 Hold (0 or 1) Hold Public Exchange Off-Hook Signal 0=do not ring for another multiple-incoming call 1=ring for another multiple-incoming call								
04 06 Hold (0 or 1) Hold SLT Voice Mail Connection 0=not a VM port 1=VM port								
04 07 Hold (0 or 1) Hold SLT Ring Pattern 0=different ring patterns for different call types 1=same ring pattern for all call types								
04 08 Hold (0 or 1) Hold End-to-End Signalling on SLT 0=do not receive DTMF 1=receive DTMF								
04 09 Hold (0 or 1) Hold Message Waiting LED 0=disabled 1=enabled								
04 10 Hold (0 or 1) Hold Data Security 0=disabled (allow interruptions) 1=enabled								
04 11 Hold (0 or 1) Hold Large-LCD Fixed Menu Display 0=do not allow 1=allow return to "Idle" fixed menu								
04 12 Hold (0 or 1) Hold Exchange Line Key Operation: Direct Calls 0=seize exchange line 1=ignore key press								
04 13 Hold (0 or 1) Hold Exchange Line Key Operation: HOLD 0=ignore HOLD press 1=retrieve call								
04 14 Hold (0 or 1) Hold Exchange Line Key Operation: Multiple Call Pickup 0=retrieve call 1=ignore key press								
Extension Circuit No. (C):	1	2	3	4	5	6	7	8

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Table 19. Digital Keypunch and SLT Extension Settings (2 of 2)

No. of Copies Needed: 1 for every Extension card (8 ports).

Digital Keypunches and SLTs: FF3 0 BSSC ...	CCU/Slot No. (BSS):							
Extension Circuit No. (C):	1	2	3	4	5	6	7	8
04 15 Hold (0 or 1) Hold Exchange Line Key Operation: Brokers Hold 0=disabled 2=enabled (HOLD toggles between 2 calls)								
04 16 Hold (0 or 1) Hold System Mode Display 0=do not display Day1/2/Night status 1=display								
04 17 Hold (0 or 1) Hold Flash on PROG (Recall) 0=ignore key press 1=send short flash								
04 18 Hold (0 or 1) Hold Call Duration Display 0=display call duration 1=display date/time								
04 19 Hold (0 or 1) Hold Ring Volume Control 0=same volume control 1=different volume control for public exchange and intercom ringing								
04 20 Hold (0 or 1) Hold Loop (AEC) Disconnect Signal for VM 0=do not send loop disconnect signal 1=send								
04 21 Hold (0 or 1) Hold Flash Signal Control 0=send flash signal to public exchange 1=do not send								
04 22 Hold (0 or 1) Hold Variable Mode Release 0=release 1=stay in Variable Mode								
04 23 Hold (0 or 1) Hold MCO Prime Line 0=disabled 1=enabled (pick up handset/get MCO-1)								
04 24 Hold (0 or 1) Hold Forced Account Codes 0=disabled (not forced) 1=enabled (forced)								
04 25 Hold (0 or 1) Hold Verified Account Codes 0=unverified 1=verified								
04 26 Hold (not used)								
04 27 Hold (0 or 1) Hold Hot Dial Pad 0=disabled 1=enabled								
05 Hold (1-72) Hold Tenant Group Assignment (enter Tenant Group 1-72) 1								
06 0 Hold (1-50) Hold TRS Class Assignment (Day) (enter TRS Class 1-50) 1								
06 1 Hold (1-50) Hold TRS Class Assignment (Night) (enter TRS Class 1-50) 1								
07 Hold (1-16) Hold Extension COS Assignment (enter Extension COS 1-16) 1								
08 Hold (1-8) Hold Extension Digital Pad Class (enter Ext.Dig.PadClass 1-8) 1 for AEC 3 for DEC								
09 Hold (1 or 2) Hold Dial Plan Assignment 1=Dial Plan "A" 2=Dial Plan "B"								
Extension Circuit No. (C):	1	2	3	4	5	6	7	8

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Table 20. Serial Ports

No. of Copies Needed: 1 per phone system.

Serial Port Settings	Serial Port 1 (“CN5” RS-232C on SCC Card)	Serial Port 2 (“CN6” RS-232C on SCC Card)	RAI Serial Port (not in USA) (mounted on SCC)
FF1 0 05 ...	NNNN (default)	NNNN (default)	NNNN (default)
NNNN Hold (0-7) Hold Data Format 0=7bits/Even/2stop 1=7bits/Odd/2stop 2=7bits/Even/1stop 3=7bits/Odd/1stop 4=8bits/No/2stop 5=8bits/No/1stop 6=8bits/Even/1stop 7=8bits/Odd/1stop	0001 (5=8bits/None/1stop)	0033 (5=8bits/None/1stop)	0017 (5=8bits/None/1stop)
NNNN Hold (0-5) Hold Baud Rate 0=300 bps 1=600 bps 2=1200 bps 3=2400 bps 4=4800 bps 5=9600 bps	0002 (5=9600 bps)	0034 (5=9600 bps)	0018 (5=9600 bps)
NNNN Hold (0-2) Hold Protocol 0=No order 1=Originate Mode 2=Answer Mode	0003 (0=No order)	0035 (0=No order)	0019 (0=No order)
NNNN Hold (0 or 1) Hold Echo Control 0=Echo OFF (no response) 1=Echo ON	0004 (0=Echo OFF)	0036 (0=Echo OFF)	0020 (0=Echo OFF)
NNNN Hold (1-255) Hold Maximum Input Digits 1-255=no. of digits per block to serial port	0005 (80=80 digits per block)	0037 (80=80 digits per block)	0021 (1=1 digit)
Data Output to Serial Port 1 or 2 FF1 0 06 NNNN Hold (0-2) Hold 0=no output 1=Serial Port 1 2=Serial Port 2	(check only 1 per row) (default is indicated by <input type="radio"/>)		
	Serial Port 1	Serial Port 2	No Output
0001 SMDR Data to:	<input type="radio"/>		
0002 Fault Alarm Data to:			<input type="radio"/>
0003 Programmed Data to:		<input type="radio"/>	
0004 (not used)			
0005 Bus Monitor Data to:		<input type="radio"/>	

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Table 21. Built-In Voice Mail/ACD Ports

No. of Copies Needed: One for each VM or ACD Unit.

Built-In VM FF7 0 B11 ...	CCU/Slot No. (B11) (B=CCU 1-6) (11=Free Slot 11)						FF7 0 B11 00 Hold (0-4) Hold VM Unit No. (enter Unit No. 1-4)										
	Virtual Port No.:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
01 (01-16) 00 Hold (Ext.No.) Hold Voice Mail Access Numbers (enter Ext.No. for each Virtual Port) [none]																	
01 (01-16) 01 Hold (1-72) Hold Tenant Group (assign Tenant Group No. 1-72 to each Virtual Port) 1																	
01 (01-16) 02 0 Hold (1-50) Hold TRS Class for Day Mode (assign Day TRS Class 1-50 to each Virtual Port) 1																	
01 (01-16) 02 1 Hold (1-50) Hold TRS Class for Night Mode (assign Night TRS Class 1-50 to each Virtual Port) 1																	
01 (01-16) 03 Hold (1-8) Hold Digital Pad Class (assign Dig.Pad Class 1-8 to each Virtual Port) 6																	
02 01 (0001-0016) Hold (0-6 or 00-12) Hold Service Range (assign up to 4 ext. ranges for VM service, by entering the CCU/Slot No. for the first and last cards in each range) 0/00 NOTE: The total number of extensions included in all ranges must not exceed 248.	Range #1			Range #2				Range #3				Range #4					
	0001 First CCU (1-6)	0002 First Slot (01-12)	0003 Last CCU (1-6)	0004 Last Slot (01-12)	0005 First CCU (1-6)	0006 First Slot (01-12)	0007 Last CCU (1-6)	0008 Last Slot (01-12)	0009 First CCU (1-6)	0010 First Slot (01-12)	0011 Last CCU (1-6)	0012 Last Slot (01-12)	0013 First CCU (1-6)	0014 First Slot (01-12)	0015 Last CCU (1-6)	0016 Last Slot (01-12)	

Built-In ACD FF7 1 B11 ...	CCU/Slot No. (B11) (B=CCU 1-6) (11=Free Slot 11)								FF7 1 B11 00 Hold (0-2) Hold ACD Unit No. (enter Unit No. 1-2)																
	ACD Port No.:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
01 (01-24) 00 Hold (Ext.No.) Hold ACD Access Numbers (enter Ext.No. for each ACD Port) [none]																									
01 (01-24) 01 Hold (1-72) Hold Tenant Group (assign Ten.Grp. No. 1-72 to each ACD Port) 1																									
01 (01-24) 02 0 Hold (1-50) Hold TRS Class for Day Mode (assign Day TRScls. 1-50 to each ACD Port) 1																									
01 (01-24) 02 1 Hold (1-50) Hold TRS Class for Night Mode (assign Night TRScls. 1-50 to each ACD Port) 1																									
01 (01-24) 03 Hold (1-8) Hold Digital Pad Class (assign Dig.Pad Class 1-8 to each ACD Port) 6																									
02 01 (0001-0016) Hold (0-6 or 00-12) Hold Service Range (assign up to 4 ext. ranges for ACD service, by entering the CCU/Slot No. for the first and last cards in each range) 0/00	Range #1			Range #2				Range #3				Range #4													
	0001 First CCU (1-6)	0002 First Slot (01-12)	0003 Last CCU (1-6)	0004 Last Slot (01-12)	0005 First CCU (1-6)	0006 First Slot (01-12)	0007 Last CCU (1-6)	0008 Last Slot (01-12)	0009 First CCU (1-6)	0010 First Slot (01-12)	0011 Last CCU (1-6)	0012 Last Slot (01-12)	0013 First CCU (1-6)	0014 First Slot (01-12)	0015 Last CCU (1-6)	0016 Last Slot (01-12)									

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Table 22. API Ports

No. of Copies Needed: One for each API Unit.

API Ports FF7 2 BSS ...	CCU/Slot No. (BSS) (B=CCU 1-6) (SS=Free Slot 01-12)							
	1	2	3	4	5	6	7	8
API Port (Channel) No.:								
01 (01-08) 00 Hold (Ext.No.) Hold								
API Extension Assignment (enter Ext.No. for each API Port) [none]								
01 (01-08) 01 Hold (1-72) Hold								
Tenant Group Assignment (assign Tenant Group No. 1-72 to each API Port) 1								
01 (01-08) 02 0 Hold (1-50) Hold								
TRS Class for Day Mode (assign Day TRS Class 1-50 to each API Port) 1								
01 (01-08) 02 1 Hold (1-50) Hold								
TRS Class for Night Mode (assign Night TRS Class 1-50 to each API Port) 1								
01 (01-08) 03 Hold (1-8) Hold								
Digital Pad Class (assign Dig.Pad Class 1-8 to API Ports 1-8) 3 (for DEC) or 1 (for AEC)								
02 01 0001 Hold (0-7) Hold								
Data Format via RS232C 0=7bits/Even/2stop 1=7bits/Odd/2stop 2=7bits/Even/1stop 3=7bits/Odd/1stop 4=8bits/No/2stop 5=8bits/No/1stop 6=8bits/Even/1stop 7=8bits/Odd/1stop								
02 01 0002 Hold (0-6) Hold								
Baud Rate for RS232C 0=300 bps 1=600 bps 2=1200 bps 3=2400 bps 4=4800 bps 5=9600 bps 6=19200 bps								
02 02 (0001-0016) Hold (0-6 or 00-12) Hold								
Service Range (assign up to 4 ext. ranges for API service, by entering the CCU/Slot No. for the first and last cards in each range) 0/00								

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Table 23. Extension Digital Pad Class: Volume Adjustment Table (1 of 2)

No. of Copies Needed: 1 per system. Use this table to automatically adjust an extension phone's dB volume level.

Determine the phone's current Digital Pad Class assignment, then use the matching column below.

CAUTION: There are duplications in this table. Look up the other side's column and record the same entry there.

FF1 8 ...	Ext. Pad Class 1		Ext. Pad Class 2		Ext. Pad Class 3		Ext. Pad Class 4	
	Receive:	Transmit:	Receive:	Transmit:	Receive:	Transmit:	Receive:	Transmit:
Ext. Pad Class 1	01-0001 4		01-0002 4	01-0031 4	01-0003 0	01-0061 4	01-0004 18	01-0091 1
Ext. Pad Class 2	01-0031 4	01-0002 4	01-0032 4		01-0033 0	01-0062 4	01-0034 18	01-0092 1
Ext. Pad Class 3	01-0061 4	01-0003 0	01-0062 4	01-0033 0	01-0063 0		01-0064 18	01-0093 19
Ext. Pad Class 4	01-0091 1	01-0004 18	01-0092 1	01-0034 18	01-0093 19	01-0064 18	01-0094 21	
Ext. Pad Class 5	01-0121 1	01-0005 18	01-0122 1	01-0035 18	01-0123 19	01-0065 18	01-0124 21	01-0095 21
Ext. Pad Class 6	01-0151 7	01-0006 0	01-0152 7	01-0036 0	01-0153 3	01-0066 0	01-0154 22	01-0096 19
Ext. Pad Class 7	01-0181 2	01-0007 0	01-0182 2	01-0037 0	01-0183 17	01-0067 0	01-0184 20	01-0097 19
Ext. Pad Class 8	01-0211 0	01-0008 0	01-0212 0	01-0038 0	01-0213 0	01-0068 0	01-0214 0	01-0098 0
Exchange Line Pad Class 1	02-0001 0	01-0009 0	02-0002 0	01-0039 0	02-0003 20	01-0069 0	02-0004 22	01-0099 19
Exchange Line Pad Class 2	02-0031 0	01-0010 0	02-0032 0	01-0040 0	02-0033 20	01-0070 0	02-0034 20	01-0100 19
Exchange Line Pad Class 3	02-0061 0	01-0011 0	02-0062 0	01-0041 0	02-0063 0	01-0071 0	02-0064 0	01-0101 0
Exchange Line Pad Class 4	02-0091 0	01-0012 0	02-0092 0	01-0042 0	02-0093 0	01-0072 0	02-0094 0	01-0102 0
Exchange Line Pad Class 5	02-0121 0	01-0013 0	02-0122 0	01-0043 0	02-0123 0	01-0073 0	02-0124 0	01-0103 0
Exchange Line Pad Class 6	02-0151 0	01-0014 0	02-0152 0	01-0044 0	02-0153 0	01-0074 0	02-0154 0	01-0104 0
Exchange Line Pad Class 7	02-0181 2	01-0015 2	02-0182 2	01-0045 2	02-0183 18	01-0075 2	02-0184 20	01-0105 17
Exchange Line Pad Class 8	02-0211 2	01-0016 2	02-0212 2	01-0046 2	02-0213 18	01-0076 2	02-0214 20	01-0106 17
Exchange Line Pad Class 9	02-0241 2	01-0017 2	02-0242 2	01-0047 2	02-0243 18	01-0077 2	02-0244 20	01-0107 17
Exchange Line Pad Class 10	02-0271 0	01-0018 0	02-0272 0	01-0048 0	02-0273 0	01-0078 0	02-0274 0	01-0108 0
Exchange Line Pad Class 11	02-0301 2	01-0019 2	02-0302 2	01-0049 2	02-0303 18	01-0079 2	02-0304 20	01-0109 17
Exchange Line Pad Class 12	02-0331 0	01-0020 0	02-0332 0	01-0050 0	02-0333 0	01-0080 0	02-0334 0	01-0110 0
Exchange Line Pad Class 13	02-0361 4	01-0021 0	02-0362 4	01-0051 0	02-0363 1	01-0081 18	02-0364 0	01-0111 0
Exchange Line Pad Class 14	02-0391 2	01-0022 2	02-0392 2	01-0052 2	02-0393 17	01-0082 0	02-0394 18	01-0112 2
Exchange Line Pad Class 15	02-0421 0	01-0023 4	02-0422 0	01-0053 4	02-0423 3	01-0083 4	02-0424 4	01-0113 4
Exchange Line Pad Class 16	02-0451 0	01-0024 0	02-0452 0	01-0054 0	02-0453 0	01-0084 0	02-0454 0	01-0114 0
Conference Call		01-0025 2		01-0055 2		01-0085 2		01-0115 17
Page Port		01-0026 2		01-0056 2		01-0086 2		01-0116 17
MFR		01-0027 2		01-0057 2		01-0087 2		01-0117 17
RAI Modem		01-0028 0		01-0058 0		01-0088 0		01-0118 0
Conf. Call Unit		01-0029 2		01-0059 2		01-0089 2		01-0119 17
BGM	03-0001 4		03-0002 4		03-0003 0		03-0004 0	
Paging Port Adapter (Talkback)	04-0001 0		04-0002 17		04-0003 0		04-0004 0	
3-Party Conference	05-0001 3		05-0002 2		05-0003 3		05-0004 2	
8-Party Conference	06-0001 3		06-0002 2		06-0003 3		06-0004 0	
Example: 01-0001 4 refers to FF1 8 01 (0001) Hold (4) Hold 01-0001 is the Address No. to be adjusted. 4 is the default setting (-8dB).	KEY 1: Address Nos. (ex., 01-0001) 01= FF1 8 01 (0001-0240) Hold (0-31) Hold 02= FF1 8 02 (0001-0480) Hold (0-31) Hold 03= FF1 8 03 (0001-0008) Hold (0-31) Hold 04= FF1 8 04 (0001-0024) Hold (0-31) Hold 05= FF1 8 05 (0001-0024) Hold (0-31) Hold 06= FF1 8 06 (0001-0024) Hold (0-31) Hold				KEY 2: Setting Values (ex., 4) 0=0dB 8=-16dB 16=0dB 24=+16dB 1=-2dB 9=-18dB 17=+2dB 25=+18dB 2=-4dB 10=-20dB 18=+4dB 26=+20dB 3=-6dB 11=-22dB 19=+6dB 27=+22dB 4=-8dB 12=-24dB 20=+8dB 28=+24dB 5=-10dB 13=-26dB 21=+10dB 29=+26dB 6=-12dB 14=-28dB 22=+12dB 30=+28dB 7=-14dB 15=-30dB 23=+14dB 31=+30dB			

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Table 23. Extension Digital Pad Class: Volume Adjustment Table (2 of 2)

No. of Copies Needed: 1 per system. Use this table to automatically adjust an extension phone's dB volume level.

Determine the phone's current Digital Pad Class assignment, then use the matching column below.

CAUTION: There are duplications in this table. Look up the other side's column and record the same entry there.

FF1 8 ...	Ext. Pad Class 5		Ext. Pad Class 6		Ext. Pad Class 7		Ext. Pad Class 8	
	Receive:	Transmit:	Receive:	Transmit:	Receive:	Transmit:	Receive:	Transmit:
Ext. Pad Class 1	01-0005 18	01-0121 1	01-0006 0	01-0151 7	01-0007 0	01-0181 2	01-0008 0	01-0211 0
Ext. Pad Class 2	01-0035 18	01-0122 1	01-0036 0	01-0152 7	01-0037 0	01-0182 2	01-0038 0	01-0212 0
Ext. Pad Class 3	01-0065 18	01-0123 19	01-0066 0	01-0153 3	01-0067 0	01-0183 17	01-0068 0	01-0213 0
Ext. Pad Class 4	01-0095 21	01-0124 21	01-0096 19	01-0154 1	01-0097 19	01-0184 20	01-0098 0	01-0214 0
Ext. Pad Class 5	01-0125 21		01-0126 19	01-0155 1	01-0127 19	01-0185 20	01-0128 0	01-0215 0
Ext. Pad Class 6	01-0155 1	01-0126 19	01-0156 0		01-0157 3	01-0186 18	01-0158 0	01-0216 0
Ext. Pad Class 7	01-0185 20	01-0127 19	01-0186 18	01-0157 3	01-0187 17		01-0188 0	01-0217 0
Ext. Pad Class 8	01-0215 0	01-0128 0	01-0216 0	01-0158 0	01-0217 0	01-0188 0	01-0218 0	
Exchange Line Pad Class 1	02-0005 22	01-0129 19	02-0006 20	01-0159 3	02-0007 20	01-0189 17	02-0008 0	01-0219 0
Exchange Line Pad Class 2	02-0035 22	01-0130 19	02-0036 20	01-0160 3	02-0037 20	01-0190 17	02-0038 0	01-0220 0
Exchange Line Pad Class 3	02-0065 0	01-0131 0	02-0066 0	01-0161 0	02-0067 0	01-0191 0	02-0068 0	01-0221 0
Exchange Line Pad Class 4	02-0095 0	01-0132 0	02-0096 0	01-0162 0	02-0097 0	01-0192 0	02-0098 0	01-0222 0
Exchange Line Pad Class 5	02-0125 0	01-0133 0	02-0126 0	01-0163 0	02-0127 0	01-0193 0	02-0128 0	01-0223 0
Exchange Line Pad Class 6	02-0155 0	01-0134 0	02-0156 0	01-0164 0	02-0157 0	01-0194 0	02-0158 0	01-0224 0
Exchange Line Pad Class 7	02-0185 20	01-0135 17	02-0186 19	01-0165 1	02-0187 18	01-0195 0	02-0188 0	01-0225 0
Exchange Line Pad Class 8	02-0215 20	01-0136 17	02-0216 18	01-0166 6	02-0217 17	01-0196 0	02-0218 0	01-0226 0
Exchange Line Pad Class 9	02-0245 120	01-0137 17	02-0246 18	01-0167 5	02-0247 18	01-0197 0	02-0248 0	01-0227 0
Exchange Line Pad Class 10	02-0275 0	01-0138 0	02-0276 0	01-0168 0	02-0277 0	01-0198 0	02-0278 0	01-0228 0
Exchange Line Pad Class 11	02-0305 20	01-0139 17	02-0306 18	01-0169 5	02-0307 18	01-0199 0	02-0308 0	01-0229 0
Exchange Line Pad Class 12	02-0335 0	01-0140 0	02-0336 0	01-0170 0	02-0337 0	01-0200 0	02-0338 0	01-0230 0
Exchange Line Pad Class 13	02-0365 0	01-0141 0	02-0366 19	01-0171 0	02-0367 1	01-0201 18	02-0368 0	01-0231 0
Exchange Line Pad Class 14	02-0395 18	01-0142 2	02-0396 21	01-0172 2	02-0397 17	01-0202 0	02-0398 0	01-0232 0
Exchange Line Pad Class 15	02-0425 4	01-0143 4	02-0426 7	01-0173 4	02-0427 3	01-0203 2	02-0428 4	01-0233 0
Exchange Line Pad Class 16	02-0455 0	01-0144 0	02-0456 0	01-0174 0	02-0457 0	01-0204 0	02-0458 0	01-0234 0
Conference Call		01-0145 17		01-0175 0		01-0205 0		01-0235 0
Page Port		01-0146 17		01-0176 0		01-0206 0		01-0236 0
MFR		01-0147 17		01-0177 0		01-0207 0		01-0237 0
RAI Modem		01-0148 0		01-0178 0		01-0208 0		01-0238 0
Conf. Call Unit		01-0149 17		01-0179 0		01-0209 0		01-0239 0
BGM	03-0005 0		03-0006 0		03-0007 0		03-0008 0	
Paging Port Adapter (Talkback)	04-0005 0		04-0006 4		04-0007 0		04-0008 0	
3-Party Conference	05-0005 0		05-0006 20		05-0007 0		05-0008 0	
8-Party Conference	06-0005 0		06-0006 20		06-0007 0		06-0008 0	
Example: 01-0005 18 refers to FF1 8 01 (0005) Hold (18) Hold 01-0005 is the Address No. to be adjusted. 18 is the default setting (+4dB).	KEY 1: Address Nos. (ex., 01-0005) 01= FF1 8 01 (0001-0240) Hold (0-31) Hold 02= FF1 8 02 (0001-0480) Hold (0-31) Hold 03= FF1 8 03 (0001-0008) Hold (0-31) Hold 04= FF1 8 04 (0001-0024) Hold (0-31) Hold 05= FF1 8 05 (0001-0024) Hold (0-31) Hold 06= FF1 8 06 (0001-0024) Hold (0-31) Hold				KEY 2: Setting Values (ex., 18) 0=0dB 8=-16dB 16=0dB 24=+16dB 1=-2dB 9=-18dB 17=+2dB 25=+18dB 2=-4dB 10=-20dB 18=+4dB 26=+20dB 3=-6dB 11=-22dB 19=+6dB 27=+22dB 4=-8dB 12=-24dB 20=+8dB 28=+24dB 5=-10dB 13=-26dB 21=+10dB 29=+26dB 6=-12dB 14=-28dB 22=+12dB 30=+28dB 7=-14dB 15=-30dB 23=+14dB 31=+30dB			

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Table 30. Time List Table: Days of the Week

No. of Copies Needed: 1 per system.

FF6 2 00 (0001 thru 0007) Hold (1-4) Hold		
Address No.	for Day of the Week	Time List Table No. (1-4)
0001	Sunday	
0002	Monday	
0003	Tuesday	
0004	Wednesday	
0005	Thursday	
0006	Friday	
0007	Saturday	

Table 31. Time List Table: Special Days of the Year

No. of Copies Needed: 1 per system.

FF6 2 01 (0001 thru 0040) Hold (MMDD and 1-4) Hold		
Address:	0001, 0003, 0005, ... 0039	0002, 0004, 0006, ... 0040
Special Day No. (1-20)	Date (MMDD)	Time List Table No. (1-4)
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
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19		
20		

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Table 36. Attendant Hunt Group

No. of Copies Needed: 1 per phone system.

FF5 0 (01 thru 04) ...		(01) Hold (0-9999) Hold Pilot No. (enter Pilot No. 0-9999, applicable during all Modes)	
Address:	(02) Day-1 Mode	(03) Day-2 Mode	(04) Night Mode
(02 thru 04) 01 Hold (0-2) Hold Hunting Mode 0=stay @ idle extension 1-255=no. of seconds			
MEMBERS:	02 (02-21) Hold (0-9999) Hold (enter Ext.No. 0-9999)	03 (02-21) Hold (0-9999) Hold (enter Ext.No. 0-9999)	04 (02-21) Hold (0-9999) Hold (enter Ext.No. 0-9999)
(02) Member #1:			
(03) Member #2:			
(04) Member #3:			
(05) Member #4:			
(06) Member #5:			
(07) Member #6:			
(08) Member #7:			
(09) Member #8:			
(10) Member #9:			
(11) Member #10:			
(12) Member #11:			
(13) Member #12:			
(14) Member #13:			
(15) Member #14:			
(16) Member #15:			
(17) Member #16:			
(18) Member #17:			
(19) Member #18:			
(20) Member #19:			
(21) Member #20:			
(02 thru 04) 22 Hold (0-255) Hold Delayed (No-Answer) Timer 0=stay @ idle extension 1-255=no. of seconds			
(02 thru 04) 23 Hold (0-255) Hold Queuing Timer 0=stay in same HG 1-255=no. of seconds			
(02 thru 04) 24 Hold (0-9999) Hold Next Extension or HG (enter Ext.No. or HG Pilot No.)			

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Table 37. Extension Hunt Groups

No. of Copies Needed: 1 for every 7 Extension Hunt Groups (1-72).

FF5 1 (01-72) (01 thru 25) ...							
Extension HG No. (01-72)							
01 Hold (0-4) Hold HG Hunting Mode 0=stay @ idle extension 1-255=no. of seconds							
02 Hold (0-9999) Hold HG Pilot No. (enter Pilot No. 0-9999)							
(03-22) Hold FLASH (0-9999) Hold HG Members: (enter Ext. No. 0-9999)							
(03) Member #1:							
(04) Member #2:							
(05) Member #3:							
(06) Member #4:							
(07) Member #5:							
(08) Member #6:							
(09) Member #7:							
(10) Member #8:							
(11) Member #9:							
(12) Member #10:							
(13) Member #11:							
(14) Member #12:							
(15) Member #13:							
(16) Member #14:							
(17) Member #15:							
(18) Member #16:							
(19) Member #17:							
(20) Member #18:							
(21) Member #19:							
(22) Member #20:							
23 Hold (0-255) Hold Delayed (No-Answer) Timer 0=stay @ idle extension 1-255=no. of seconds							
24 Hold (0-255) Hold Queuing Timer 0=stay in same HG 1-255=no. of seconds							
25 Hold (0-9999) Hold Next Extension or HG (enter Ext.No. or HG Pilot No.)							

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Table 40. Hot Line Group

No. of Copies Needed: 1 per phone system.

FF5 5 (01-20) (01 thru 03) ...			
Address:	01 Hold (0-9999) Hold Hot Line Extension No. <small>(enter Member Ext.No. 0-9999)</small>	02 Hold (0 or 1) Hold Hot Line Mode <small>(0=Ext. destination 1=SSD destin.)</small>	03 Hold (1-9999 or 000-799) Hold Hot Line Destination <small>(enter Ext.No. 0-9999 or SSD 000-799)</small>
(01) Member #1			
(02) Member #2			
(03) Member #3			
(04) Member #4			
(05) Member #5			
(06) Member #6			
(07) Member #7			
(08) Member #8			
(09) Member #9			
(10) Member #10			
(11) Member #11			
(12) Member #12			
(13) Member #13			
(14) Member #14			
(15) Member #15			
(16) Member #16			
(17) Member #17			
(18) Member #18			
(19) Member #19			
(20) Member #20			

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Table 41. Call Pickup Groups

No. of Copies Needed: As many as necessary (7 Call Pickup Group columns provided).

FF5 6 (01-72) Hold (01-20) Hold (1-9999) Hold							
Call Pickup Group No.:							
(01-72)							
MEMBERS: (enter Ext. No. 1-9999)							
(01) Member #1							
(02) Member #2							
(03) Member #3							
(04) Member #4							
(05) Member #5							
(06) Member #6							
(07) Member #7							
(08) Member #8							
(09) Member #9							
(10) Member #10							
(11) Member #11							
(12) Member #12							
(13) Member #13							
(14) Member #14							
(15) Member #15							
(16) Member #16							
(17) Member #17							
(18) Member #18							
(19) Member #19							
(20) Member #20							

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*NOTICE: Certified ICX Dealers and Technicians may reproduce this form as needed.***Table 42. System Common Settings***No. of Copies Needed: 1 per phone system.*

Address No.	Address Name	Default (Value)	Your Setting
System Common - General 1: FF1 0 01 (0001-0023) Hold (0 or 1) Hold			
0001	Splash Tone: Voice Calls	1 (enable)	
0002	Splash Tone: Internal Paging	1 (enable)	
0003	Splash Tone: Busy Override (Start)	1 (enable)	
0004	Splash Tone: Busy Override (Continuous)	0 (disable)	
0005	Splash Tone: 3-Party Conference	0 (disable)	
0006	Exclusive Hold (Exchange Line Key)	1 (enable)	
0007	Virtual Key LED: Answer Control #1	0 (free-up FF-key)	
0008	Virtual Key LED: Answer Control #2	1 (free-up FF-key)	
0009	Floating Hold on Exchange Line Key	0 (disable)	
0010	Floating Hold on Virtual Port Key	0 (disable)	
0011	Hot Line/MCO Preference for ON/OFF	0 (disable)	
0012	Programming Mode Entry without Log-In	1 (allow)	
0013	Built-In VM: Voice Mail Access Key	1 (allow)	
0014	Built-In VM: Mailbox Key	1 (allow)	
0015	Built-In VM: Message Retrieve Key	1 (allow)	
0016	Off-Hook Monitor	1 (enable)	
0017	Handset Mute	1 (enable)	
0018	Hookflash on Rotary SLTs	0 (dial "1"=hookflash)	
0019	ISDN Outgoing Control	0 (disable auto-outdial)	
0020	Automatic BLF on DSS and EM/24s	0 (disable)	
0021	Caller ID Log Outgoing Control	0 (disable)	
0022	Caller ID Log Private/Out-of-Area Control	1 (enable)	
0023	Time Display Mode	1 (12-hour format)	
System Common - General 2: FF1 0 02 (0001-0023) Hold (0 or 1) Hold			
0001	Exchange Line Numbering	0 (2-digit)	
0002	SSD Code Numbering	1 (3-digit)	
0003	SSD Assignment to Groups	0 (not allowed)	
0004	Exchange Line Access in Speed Dialling	1 (auto-access line)	
0005	Intercom Voice Call Pickup	0 (not allowed)	
0006	BLF Call Pickup	1 (allowed)	
0007	Day/Night Mode Assignment	0 (set system-wide)	
0008	Reset Calling: Intercom Calls	0 (disable)	
0009	Reset Calling: DISA and Private Line	0 (disable)	
0010	ARS/LCR Setting	0 (MCO-1 not ARS)	
0011	Advanced Routing for MCO Access	0 (disable)	
0012	Page Override	1 (allowed)	
0013	Paging Answer on Private Line	0 (no answer signal)	
0014	Howler Tone	0 (disable)	
0015	DISA Invalid Number	0 (multiple-incoming)	
0016	DISA Interdigit Timeout	0 (multiple-incoming)	
0017	DISA No-Answer Timeout	0 (multiple-incoming)	
0018	DDI to Busy Extension (Day1)	0 (busy signal to caller)	
0019	DDI to Busy Extension (Day2)	0 (busy signal to caller)	
0020	DDI to Busy Extension (Night)	0 (busy signal to caller)	
0021	DDI to Incorrect Number (Day1)	0 (busy signal to caller)	
0022	DDI to Incorrect Number (Day2)	0 (busy signal to caller)	
0023	DDI to Incorrect Number (Night)	0 (busy signal to caller)	

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Table 43. PBX Parameters and MOH Sources

No. of Copies Needed: 1 per phone system.

Auto Pause Position Behind PBX: FF1 0 07 (0001-0012) Hold (0-16) Hold																	
<small>(Check the appropriate column for each line entry. "0" means no pause is inserted.)</small>																	
Address No. (value)	Insert A Pause After This Many Digits Are Dialed																
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
0001 (for first dialled digit "1")																	
0002 (for first dialled digit "2")																	
0003 (for first dialled digit "3")																	
0004 (for first dialled digit "4")																	
0005 (for first dialled digit "5")																	
0006 (for first dialled digit "6")																	
0007 (for first dialled digit "7")																	
0008 (for first dialled digit "8")																	
0009 (for first dialled digit "9")																	
0010 (for first dialled digit "0")																	
0011 (for first dialled digit "*")																	
0012 (for first dialled digit "#")																	

PBX Exchange Line Access Codes: FF1 0 08 (0001-0006) Hold FL/R (Code 0-9999) Hold	
<small>(Define up to 6 different codes.)</small>	
Address No. (value)	Code (0-9999)
0001 (PBX Code #1)	
0002 (PBX Code #2)	
0003 (PBX Code #3)	
0004 (PBX Code #4)	
0005 (PBX Code #5)	
0006 (PBX Code #6)	

MOH Source: FF1 0 (12-14) (0001-0072) Hold (0-3) Hold																	
<small>Number the column headings with MCO Tenant Group Nos. 1-72 (address nos. 0001-0072). Then enter (0-3) in each cell: 0=internal single tone 1=external MOH source 2=internal melody (not in USA) 3=silence</small>																	
Address No. (value)	MCO Tenant Group No. (1-72)																
	FF1 0 12 <small>(for analog public exchange lines):</small>																
FF1 0 13 <small>(for AC-15 private lines):</small>																	
FF1 0 14 <small>(for intercom calls):</small>																	

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Table 44. SSD Assignment to MCO Tenant Groups

No. of Copies Needed: 1 per phone system.

FF1 0 02 0003 Hold (0 or 1) Hold SSD Assignment to Groups 0=don't allow grouping of SSDs 1=allow grouping of SSDs	FF3 0 BSSC 08 Hold (1-16) Hold Extension COS No. Assignment to Extensions (List by BSSC position, the extensions that can switch the system between Day & Night mode.)															
FF1 0 02 0007 Hold (0 or 1) Hold Day/Night Mode Assignment 0=set system-wide 1=set within each MCO Tenant Group																
FF1 0 03 (00-15) 26 Hold (0 or 1) Hold Ext.COS: Day/Night Mode Switch 0=allow 1=do not allow	00: COS1	01: COS2	02: COS3	03: COS4	04: COS5	05: COS6	06: COS7	07: COS8	08: COS9	09: COS10	10: COS11	11: COS12	12: COS13	13: COS14	14: COS15	15: COS16
FF1 0 15 (0001-0072) Hold (00-72) Hold SSD Block Assignment to MCO Tenant Groups 00=use SSD Common Block (see below) 01-72=SSD Blocks #1 thru #72 (see table, next page, to build SSD Blocks)	(0001) MCO Tenant Group #1 - SSD Block No.:								(0037) MCO Tenant Group #37 - SSD Block No.:							
								(0002) MCO Tenant Group #2 - SSD Block No.:								
								(0003) MCO Tenant Group #3 - SSD Block No.:								
								(0004) MCO Tenant Group #4 - SSD Block No.:								
								(0005) MCO Tenant Group #5 - SSD Block No.:								
								(0006) MCO Tenant Group #6 - SSD Block No.:								
								(0007) MCO Tenant Group #7 - SSD Block No.:								
								(0008) MCO Tenant Group #8 - SSD Block No.:								
								(0009) MCO Tenant Group #9 - SSD Block No.:								
								(0010) MCO Tenant Group #10 - SSD Block No.:								
								(0011) MCO Tenant Group #11 - SSD Block No.:								
								(0012) MCO Tenant Group #12 - SSD Block No.:								
								(0013) MCO Tenant Group #13 - SSD Block No.:								
								(0014) MCO Tenant Group #14 - SSD Block No.:								
								(0015) MCO Tenant Group #15 - SSD Block No.:								
								(0016) MCO Tenant Group #16 - SSD Block No.:								
								(0017) MCO Tenant Group #17 - SSD Block No.:								
								(0018) MCO Tenant Group #18 - SSD Block No.:								
								(0019) MCO Tenant Group #19 - SSD Block No.:								
								(0020) MCO Tenant Group #20 - SSD Block No.:								
								(0021) MCO Tenant Group #21 - SSD Block No.:								
								(0022) MCO Tenant Group #22 - SSD Block No.:								
								(0023) MCO Tenant Group #23 - SSD Block No.:								
								(0024) MCO Tenant Group #24 - SSD Block No.:								
								(0025) MCO Tenant Group #25 - SSD Block No.:								
								(0026) MCO Tenant Group #26 - SSD Block No.:								
								(0027) MCO Tenant Group #27 - SSD Block No.:								
								(0028) MCO Tenant Group #28 - SSD Block No.:								
								(0029) MCO Tenant Group #29 - SSD Block No.:								
								(0030) MCO Tenant Group #30 - SSD Block No.:								
								(0031) MCO Tenant Group #31 - SSD Block No.:								
								(0032) MCO Tenant Group #32 - SSD Block No.:								
								(0033) MCO Tenant Group #33 - SSD Block No.:								
								(0034) MCO Tenant Group #34 - SSD Block No.:								
								(0035) MCO Tenant Group #35 - SSD Block No.:								
								(0036) MCO Tenant Group #36 - SSD Block No.:								
FF1 0 16 0001 Hold (0-799) Hold SSD Common Block (For example, enter "100" to include SSD Codes 0-99 in the Common Block.)																

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*NOTICE: Certified ICX Dealers and Technicians may reproduce this form as needed.***Table 45. SSD Blocks***No. of Copies Needed: 1 per phone system.*

FF1 0 02 0002 Hold (0 or 1) Hold									
SSD Code Numbering									
0=2-digit numbering (00-79)									
1=3-digit numbering (000-799)									
SSD Block Assignment: FF1 0 17 (0001-0144) Hold (0-799 or 0-800) Hold									
for SSD Block No.	Starting SSD Code (0-799)		SSD Count (0-800)		for SSD Block No.	Starting SSD Code (0-799)		SSD Count (0-800)	
	Address No.	Default/ Your Setting	Address No.	Default/ Your Setting		Address No.	Default/ Your Setting	Address No.	Default/ Your Setting
1	0001	0	0002	80	37	0073	0	0074	0
2	0003	80	0004	80	38	0075	0	0076	0
3	0005	160	0006	80	39	0077	0	0078	0
4	0007	240	0008	80	40	0079	0	0080	0
5	0009	320	0010	80	41	0081	0	0082	0
6	0011	400	0012	80	42	0083	0	0084	0
7	0013	480	0014	80	43	0085	0	0086	0
8	0015	560	0016	80	44	0087	0	0088	0
9	0017	640	0018	80	45	0089	0	0090	0
10	0019	720	0020	80	46	0091	0	0092	0
11	0021	0	0022	0	47	0093	0	0094	0
12	0023	0	0024	0	48	0095	0	0096	0
13	0025	0	0026	0	49	0097	0	0098	0
14	0027	0	0028	0	50	0099	0	0100	0
15	0029	0	0030	0	51	0101	0	0102	0
16	0031	0	0032	0	52	0103	0	0104	0
17	0033	0	0034	0	53	0105	0	0106	0
18	0035	0	0036	0	54	0107	0	0108	0
19	0037	0	0038	0	55	0109	0	0110	0
20	0039	0	0040	0	56	0111	0	0112	0
21	0041	0	0042	0	57	0113	0	0114	0
22	0043	0	0044	0	58	0115	0	0116	0
23	0045	0	0046	0	59	0117	0	0118	0
24	0047	0	0048	0	60	0119	0	0120	0
25	0049	0	0050	0	61	0121	0	0122	0
26	0051	0	0052	0	62	0123	0	0124	0
27	0053	0	0054	0	63	0125	0	0126	0
28	0055	0	0056	0	64	0127	0	0128	0
29	0057	0	0058	0	65	0129	0	0130	0
30	0059	0	0060	0	66	0131	0	0132	0
31	0061	0	0062	0	67	0133	0	0134	0
32	0063	0	0064	0	68	0135	0	0136	0
33	0065	0	0066	0	69	0137	0	0138	0
34	0067	0	0068	0	70	0139	0	0140	0
35	0069	0	0070	0	71	0141	0	0142	0
36	0071	0	0072	0	72	0143	0	0144	0

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NOTICE: Certified ICX Dealers and Technicians may reproduce this form as needed.**Table 48 (1 of 3). Dial Plans A and B**

No. of Copies Needed: 1 for each Dial Plan.

Maximum/Minimum Dialling at Intercom Dial Tone: FF1 2 01 (0001-0024) Hold (1-4) Hold 1=1-digit dialling 2=2-digit dialling 3=3-digit dialling 4=4-digit dialling				
for First Dialed Digit...	MAX. Digit Length (1-4)		MIN. Digit Length (1-4)	
	Address No.	Default/ Your Setting	Address No.	Default/ Your Setting
1	0001	4	0002	2
2	0003	4	0004	2
3	0005	4	0006	2
4	0007	4	0008	2
5	0009	4	0010	2
6	0011	4	0012	2
7	0013	3	0014	3
8	0015	2	0016	2
9	0017	1	0018	1
0	0019	1	0020	1
*	0021	3	0022	2
#	0023	2	0024	1

Flexible Feature Codes at Dial Tone: FF1 2 (02 or 03) (0001-0056) Hold (Code) Hold

02=Dial Plan A 03=Dial Plan B

Address No.	Feature Description	LCD Display	Default Code	Your Setting
0001	Speed Dial Originate	DT1-SD Access	80	
0002	Speed Dial Set	DT1-SD Assign	710	
0003	SLT Redial	DT1-SLT Redial	712	
0004	MCO-1 Exchange Line Access	DT1-MCO1 Access	9	
0005	MCO-2 Exchange Line Access	DT1-MCO2 Access	81	
0006	MCO-3 Exchange Line Access	DT1-MCO3 Access	82	
0007	MCO-4 Exchange Line Access	DT1-MCO4 Access	83	
0008	MCO-5 Exchange Line Access	DT1-MCO5 Access	84	
0009	Exchange Line Direct Access	DT1-TRK Access	88	
0010	Not Used (all CPCs - below Version 2.5) SLT Flash Send to Public Exchange (all CPCs - Version 2.5 and up)	DT1-Not Used DT1-Flash Send	-- 765	
0011	Message Waiting Set	DT1-M. Wait High	*41	
0012	Message Waiting Cancel	DT1-M. Wait CLR	*5	
0013	Message Waiting Callback	DT1-M. Wait Back	*6	
0014	Priority Message Waiting Cancel by other extension	DT1-MW H CLR Via	*49	
0015	Call Forward All Calls Set	DT1-CF.All Set	721	
0016	Call Forward All Calls Cancel	DT1-CF.All CLR	731	
0017	Call Forward All Calls Set via Other Extension	DT1-CF.All S Via	741	

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*NOTICE: Certified ICX Dealers and Technicians may reproduce this form as needed.***Table 48 (2 of 3). Dial Plans A and B (continued)***No. of Copies Needed: 1 for each Dial Plan.*

(continued) Flexible Feature Codes at Dial Tone: FF1 2 (02 or 03) (0001-0056) Hold (Code) Hold				
<small>02=Dial Plan A 03=Dial Plan B</small>				
Address No.	Feature Description	LCD Display	Default Code	Your Setting
0021	Call Forward Busy Set via Other Extension	DT1-CF.B S Via	742	
0022	Call Forward Busy Cancel via Other Extension	DT1-CF.B C Via	752	
0023	Call Forward Answer Set	DT1-CF.N-ANS Set	723	
0024	Call Forward Answer Cancel	DT1-CF.N-ANS CLR	733	
0025	Call Forward Answer Set via Other Extension	DT1-CF.N-A S Via	743	
0026	Call Forward Answer Cancel via Other Extension	DT1-CF.N-A C Via	753	
0027	Do Not Disturb (DND) Set/Cancel	DT1-DND Set/CLR	720	
0028	Do Not Disturb (DND) Set via Other Extension	DT1-DND Set Via	740	
0029	Do Not Disturb (DND) Cancel via Other Extension	DT1-DND CLR Via	750	
0030	Do Not Disturb (DND) & Call Forward Cancel	DT1-CF/DND CLR	7**	
0031	Timed Reminder Set	DT1-Reminder Set	*31	
0032	Timed Reminder Cancel	DT1-Reminder CLR	*39	
0033	Background Music (BGM) On/Off	DT1-BGM Set/CLR	*30	
0034	Day/Night Mode Set	DT1-Day1<->Night	760	
0035	Day2 Mode Set	DT1-Day2	761	
0036	Night2 Mode Set	DT1-Night(1)	762	
0037	Night3 Mode Set	DT1-Night(2)	763	
0038	Paging Answer	DT1-Meet Me ANS	##	
0039	Paging	DT1-Paging	#	
0040	Same Group Call Pickup	DT1-G. Pickup	701	
0041	Same Group Call Pickup (Public Exchange Calls)	DT1-G. Pickup CO	702	
0042	Specified Group Call Pickup	DT1-O. G. Pickup	703	
0043	Direct Call Pickup	DT1-D. Pickup	704	
0044	MCO Incoming Call Answer	DT1-MCO Answer	709	
0045	Specified Floating Hold Answer	DT1-Virtual ANS	*9	
0046	Specified Exchange Line Answer	DT1-TRK Answer	*0	
0047	Account Code Set	DT1-Account Code	8#	
0048	Voice Mail ID Call Forward Code Set	DT1-CF ID Set	715	
0049	Voice Mail Message Code Set	DT1-VM Access	716	
0050	Remote Maintenance	DT1-Remote MAINT	799	
0051	8-Party Conference	DT1-8Party CONF	788	
0052	Walking TRS Access Code	DT1-Walking TRS	87	
0053	Station Call Park	DT1-C.Park Hold	771	
0054	Station Call Park Answer Code #1 (Own EXT.)	DT1-C.Park ANS1	772	
0055	Station Call Park Answer Code #2 (Other EXT.)	DT1-C.Park ANS2	773	
0056	Station Call Park Transfer Code	DT1-C.Park TRF	774	

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*NOTICE: Certified ICX Dealers and Technicians may reproduce this form as needed.***Table 48 (3 of 3). Dial Plans A and B (continued)***No. of Copies Needed: 1 for each Dial Plan.*

Flexible Feature Codes at Ringback Tone: FF1 2 (04 or 05) (0001-0010) Hold (1-digit Code) Hold				
<small>04=Dial Plan A 05=Dial Plan B</small>				
Address No.	Feature Description	LCD Display	Default Code	Your Setting
0001	Voice Call	RBT1-Voice Call	1	
0002	Message Waiting (normal)	RBT1-M. Wait Low	4	
0003	Message Waiting (priority for VM)	RBT1-M. Wait High	5	
0004 - thru - 0010	Not Used	RBT1-Not Used	--	

Flexible Feature Codes at Busy Tone: FF1 2 (06 or 07) (0001-0010) Hold (1-digit Code) Hold				
<small>06=Dial Plan A 07=Dial Plan B</small>				
Address No.	Feature Description	LCD Display	Default Code	Your Setting
0001	CO Queuing and Intercom Callback Request	BT1-Callback	3	
0002	Camp-On	BT1-Camp-On	2	
0003	Message Waiting (normal)	BT1-M. Wait Low	4	
0004	Message Waiting (priority for VM)	BT1-M. Wait High	5	
0005	Busy Override	BT1-B. Override	9	
0006	OHVA Access Code	BT1-OHVA	8	
0007 thru 0010	Not Used	BT1-Not Used	--	--

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Table 51. MCO Access: Inbound Exchange-Line Groups

No. of Copies Needed: 1 per phone system.

MCO Exchange-Line Groups (Inbound Calls)			
FF1 3 03 (0001-0072) Hold (1-99) Hold			
Assign an Inbound Exchange-Line Group No. 1-99 to each Tenant Group (1-72) in this table. Default Exchange-Line Group No. for all Tenant Groups: equal to the Tenant Group No. (e.g., Tenant Group 1=Exchange-Line Group 1; Tenant Group 2 = Exchange-Line Group 2; etc.).			
(Address) for Tenant Group#	Inbound Exch-Line Group No. (1-99)	(Address) for Tenant Group#	Inbound Exch-Line Group No. (1-99)
(0001) for Tenant Group #1:		(0037) for Tenant Group #37:	
(0002) for Tenant Group #2:		(0038) for Tenant Group #38:	
(0003) for Tenant Group #3:		(0039) for Tenant Group #39:	
(0004) for Tenant Group #4:		(0040) for Tenant Group #40:	
(0005) for Tenant Group #5:		(0041) for Tenant Group #41:	
(0006) for Tenant Group #6:		(0042) for Tenant Group #42:	
(0007) for Tenant Group #7:		(0043) for Tenant Group #43:	
(0008) for Tenant Group #8:		(0044) for Tenant Group #44:	
(0009) for Tenant Group #9:		(0045) for Tenant Group #45:	
(0010) for Tenant Group #10:		(0046) for Tenant Group #46:	
(0011) for Tenant Group #11:		(0047) for Tenant Group #47:	
(0012) for Tenant Group #12:		(0048) for Tenant Group #48:	
(0013) for Tenant Group #13:		(0049) for Tenant Group #49:	
(0014) for Tenant Group #14:		(0050) for Tenant Group #50:	
(0015) for Tenant Group #15:		(0051) for Tenant Group #51:	
(0016) for Tenant Group #16:		(0052) for Tenant Group #52:	
(0017) for Tenant Group #17:		(0053) for Tenant Group #53:	
(0018) for Tenant Group #18:		(0054) for Tenant Group #54:	
(0019) for Tenant Group #19:		(0055) for Tenant Group #55:	
(0020) for Tenant Group #20:		(0056) for Tenant Group #56:	
(0021) for Tenant Group #21:		(0057) for Tenant Group #57:	
(0022) for Tenant Group #22:		(0058) for Tenant Group #58:	
(0023) for Tenant Group #23:		(0059) for Tenant Group #59:	
(0024) for Tenant Group #24:		(0060) for Tenant Group #60:	
(0025) for Tenant Group #25:		(0061) for Tenant Group #61:	
(0026) for Tenant Group #26:		(0062) for Tenant Group #62:	
(0027) for Tenant Group #27:		(0063) for Tenant Group #63:	
(0028) for Tenant Group #28:		(0064) for Tenant Group #64:	
(0029) for Tenant Group #29:		(0065) for Tenant Group #65:	
(0030) for Tenant Group #30:		(0066) for Tenant Group #66:	
(0031) for Tenant Group #31:		(0067) for Tenant Group #67:	
(0032) for Tenant Group #32:		(0068) for Tenant Group #68:	
(0033) for Tenant Group #33:		(0069) for Tenant Group #69:	
(0034) for Tenant Group #34:		(0070) for Tenant Group #70:	
(0035) for Tenant Group #35:		(0071) for Tenant Group #71:	
(0036) for Tenant Group #36:		(0072) for Tenant Group #72:	

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NOTICE: Certified ICX Dealers and Technicians may reproduce this form as needed.

Table 52. Call Restriction Between COS

No. of Copies Needed: 1 per phone system.

Call Restriction Between Extension COS: FF1 0 10 (00-15) (01-16) Hold (0 or 1) Hold																
<small>(00-15): Sending Extension COS No. 01-16. (01-16): Receiving Extension COS No. 01-16. (0 or 1): 0=Allow calls. 1=Do not allow calls.</small>																
(Address) <i>SENDING</i> Ext. COS	(Address) <i>RECEIVING</i> Extension COS															
	(01) COS1	(02) COS2	(03) COS3	(04) COS4	(05) COS5	(06) COS6	(07) COS7	(08) COS8	(09) COS9	(10) COS10	(11) COS11	(12) COS12	(13) COS13	(14) COS14	(15) COS15	(16) COS16
(00) COS 1:																
(01) COS 2:																
(02) COS 3:																
(03) COS 4:																
(04) COS 5:																
(05) COS 6:																
(06) COS 7:																
(07) COS 8:																
(08) COS 9:																
(09) COS 10:																
(10) COS 11:																
(11) COS 12:																
(12) COS 13:																
(13) COS 14:																
(14) COS 15:																
(15) COS 16:																

Call Restriction Between Exchange Line COS: FF1 0 11 (00-15) (01-16) Hold (0 or 1) Hold																
<small>(00-15): Sending Exchange Line COS No. 01-16. (01-16): Receiving Exchange Line COS No. 01-16. (0 or 1): 0=Allow calls. 1=Do not allow calls.</small>																
(Address) <i>SENDING</i> ExchLn.COS	(Address) <i>RECEIVING</i> ExchLn. COS															
	(01) COS1	(02) COS2	(03) COS3	(04) COS4	(05) COS5	(06) COS6	(07) COS7	(08) COS8	(09) COS9	(10) COS10	(11) COS11	(12) COS12	(13) COS13	(14) COS14	(15) COS15	(16) COS16
(00) COS 1:																
(01) COS 2:																
(02) COS 3:																
(03) COS 4:																
(04) COS 5:																
(05) COS 6:																
(06) COS 7:																
(07) COS 8:																
(08) COS 9:																
(09) COS 10:																
(10) COS 11:																
(11) COS 12:																
(12) COS 13:																
(13) COS 14:																
(14) COS 15:																
(15) COS 16:																

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NOTICE: Certified ICX Dealers and Technicians may reproduce this form as needed.

Table 56. PSD Codes and Names

No. of Copies Needed: 1 per phone (20 PSDs).

FF1 0 02 0004 Hold (0 or 1) Hold

Exchange Line Access in Speed Dialling

0=System will not select an exchange line (must program into SSD/PSD number).

1=System will grab an exchange line when an SSD/PSD code is dialled.

PSD Numbers: FF8 1 01 Hold 0 Hold Hold (Ext.No.) Hold (PSD 80-99) Hold FL/R (phone no. -up to 24 char.) Hold

PSD Names: FF8 1 01 Hold 1 Hold Hold (Ext.No.) Hold (PSD 80-99) Hold FL/R (name -up to 7 char.) Hold

FOR EXTENSION NO. (0-9999):

PSD Code (80-99)	PSD Phone No. (up to 24 char., including 0-9, *, #, and others - see KEY below)	PSD Name (up to 7 char.)
80		
81		
82		
83		
84		
85		
86		
87		
88		
89		
90		
91		
92		
93		
94		
95		
96		
97		
98		
99		

KEY - Punching-In Special Characters into the PSD Phone No. in programming mode:

Intercom Call: **MEMORY * # (Ext.No.)**
 MCO-1 Code: **MEMORY * 0**
 MCO-2 Code: **MEMORY * 71**
 MCO-3 Code: **MEMORY * 72**
 MCO-4 Code: **MEMORY * 73**
 MCO-5 Code: **MEMORY * 74**
 Pause: **REDIAL**
 DP-to-DTMF Switch: **MEMORY ****
 SSD Code: **MEMORY (SSD Code 00-79 or 000-799)**
 Hyphen (-): **PROG**
 Display No. (Start/Stop): **MEMORY * 2**

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Table 57 (1 of 2). Holidays and other Special Days

No. of Copies Needed: As many as necessary (9 holidays per sheet).

Holidays: FF8 1 07 1 (000-219) Hold (MMDD, HHMM, or 0-5) Hold						
Holiday #: (1-20)	(up to 5 Periods per Holiday)	Period #1	Period #2	Period #3	Period #4	Period #5
	Period Start Time: HHMM					
Date: (MMDD)	Period Mode: 0=None; 1=Day1; 2=Day2; 3=Night; 4=Night1; 5=Night2					
	(up to 5 Periods per Holiday)	Period #1	Period #2	Period #3	Period #4	Period #5
Holiday #: (1-20)	Period Start Time: HHMM					
	Period Mode: 0=None; 1=Day1; 2=Day2; 3=Night; 4=Night1; 5=Night2					
(up to 5 Periods per Holiday)	Period #1	Period #2	Period #3	Period #4	Period #5	
Holiday #: (1-20)	Period Start Time: HHMM					
	Period Mode: 0=None; 1=Day1; 2=Day2; 3=Night; 4=Night1; 5=Night2					
(up to 5 Periods per Holiday)	Period #1	Period #2	Period #3	Period #4	Period #5	
Holiday #: (1-20)	Period Start Time: HHMM					
	Period Mode: 0=None; 1=Day1; 2=Day2; 3=Night; 4=Night1; 5=Night2					
(up to 5 Periods per Holiday)	Period #1	Period #2	Period #3	Period #4	Period #5	
Holiday #: (1-20)	Period Start Time: HHMM					
	Period Mode: 0=None; 1=Day1; 2=Day2; 3=Night; 4=Night1; 5=Night2					
(up to 5 Periods per Holiday)	Period #1	Period #2	Period #3	Period #4	Period #5	
Holiday #: (1-20)	Period Start Time: HHMM					
	Period Mode: 0=None; 1=Day1; 2=Day2; 3=Night; 4=Night1; 5=Night2					
(up to 5 Periods per Holiday)	Period #1	Period #2	Period #3	Period #4	Period #5	
Holiday #: (1-20)	Period Start Time: HHMM					
	Period Mode: 0=None; 1=Day1; 2=Day2; 3=Night; 4=Night1; 5=Night2					
(up to 5 Periods per Holiday)	Period #1	Period #2	Period #3	Period #4	Period #5	
Holiday #: (1-20)	Period Start Time: HHMM					
	Period Mode: 0=None; 1=Day1; 2=Day2; 3=Night; 4=Night1; 5=Night2					

Site: _____ Date: _____ Page _____ of _____

NOTICE: Certified ICX Dealers and Technicians may reproduce this form as needed.

Table 57 (2 of 2). Holidays and other Special Days (continued)

No. of Copies Needed: As many as necessary (9 holidays per sheet).

Special Weekdays and Weekends: FF8 1 07 0 (00-29) Hold (HHMM, 0-5, or 0-2) Hold

Special Weekday	(up to 5 time periods in the Special Weekday)	Period #1	Period #2	Period #3	Period #4	Period #5
	Start Time: HHMM					
	Mode: 0=None; 1=Day1; 2=Day2; 3=Night; 4=Night1; 5=Night2					
Special Weekend "A"	(up to 5 time periods in Weekend Day "A")	Period #1	Period #2	Period #3	Period #4	Period #5
	Start Time: HHMM					
	Mode: 0=None; 1=Day1; 2=Day2; 3=Night; 4=Night1; 5=Night2					
Special Weekend "B"	(up to 5 time periods in Weekend Day "B")	Period #1	Period #2	Period #3	Period #4	Period #5
	Start Time: HHMM					
	Mode: 0=Day1; 1=Day2; 2=Night					

Special Days of the Month: FF8 1 07 3 (00-34) Hold (0-3) Hold

NOTE: Enter 0-3 for each Occurrence of the listed Day within the Month:	(up to 5 Occurrences of the Special Day per month)	1st Occurrence	2nd Occurrence	3rd Occurrence	4th Occurrence	5th Occurrence
0=none 1=use Special Weekday 2=use Special Weekend "A" 3=use Special Weekend "B"	Sunday:					
	Monday:					
	Tuesday:					
	Wednesday:					
	Thursday:					
	Friday:					
	Saturday:					

Extended Holidays: FF8 1 07 2 (00-11) Hold (MMDD) Hold

	Start Day (MMDD)	End Day (MMDD) (inclusive)
NOTE: Up to 6 Extended Holidays can be defined (this is in addition to the 20 Holidays defined on the previous page). Use Extended Holidays for vacations, factory shutdowns, etc. that last more than 1 day. The system automatically stays in Night mode during an Extended Holiday.	Extended Holiday #1:	
	Extended Holiday #2:	
	Extended Holiday #3:	
	Extended Holiday #4:	
	Extended Holiday #5:	
	Extended Holiday #6:	