Strata XII & XX

(Release 3)

PROGRAMMING PROCEDURES SYSTEM RECORD SHEET

TABLE 3 (Release 3—MCAU-4) SYSTEM RECORD SHEET

PROGRAM 01-SYSTEM ASSIGNMENTS (Basic)

KEY/LED	Х	LED ON	LED OFF
CO 17		Transfer Privacy	Alternate point answer of transferred CO line
CO 16		System Speed Dial (60 \sim 99) Override Toll Restriction	Restricted
CO 15		Four CO Line Groups (91 ~ 94)	One CO Line Group (9)
CO 14		Two CO Conferencing—Inhibit	Allowed
CO 7		Station 17 is 10-key EKT	20-key EKT
CO 6		Incoming Call Abandon—8 seconds	6 seconds
CO 5		3.0-sec. Pause After Flash	1.5-sec. Pause
CO 4		Insert Pause After Flash	No Pause
CO 3		3.0-sec. Pause After PBX Access Code	1.5 sec. Pause
CO 2		0.5-sec. Flash	2.0-sec. Flash
INT		Tone First	Voice First

X = Select (LED on) Initialized Data: All LEDs off

PROGRAM 02-SYSTEM ASSIGNMENTS (Options)

KEY/LED	Х	LED ON	LED OFF
CO 10		Station 24 is OPX	Stations 24 & 25 are OPX
CO 9		Station 22 is OPX	Stations 22 & 23 are OPX
CO 8		Station 20 is OPX	Stations 20 & 21 are OPX
CO 4		Display the dialed number for 1 min.	15 seconds
CO 2		Night Ringing over External Page Allowed	Not Allowed
CO 1		BGM over External Page Allowed	Not Allowed
INT		External Page Included with All Call Page	Not Included

X = Select (LED on) Initialized Data: All LEDs off

PROGRAM 03-SYSTEM ASSIGNMENTS (Options)

V LED ON	LED OFF
	Station 10 NT key
Station 10 DND key	
Three Ring Mode	Two Ring Mode
	Non-tenant
	Voice First (DSS)
Tone First (DSS)	
Message Center—Station 12	Not Equipped
Message Center-Station 11	Not Equipped
	Not Equipped
Message Center—Station 10	
DSS #2	Not Equipped
DSS #1	Not Equipped
	X LED ON Station 10 DND key Three Ring Mode Tenant Service* Tone First (DSS) Message Center—Station 12 Message Center—Station 11 Message Center—Station 10 DSS #2 DSS #1

X = Select (LED on) Initialized Data: INT & CO 2 LEDs on; all other LEDs off *Tenant Service with DSS consoles #1 & #2

NOTE:

Only one message center is permitted; if more than one station is chosen as a message center, the lowest numbered station will have priority.

PROGRAM 04-MCOU OUTPULSING SELECTION

KEY/LED	X	LED ON	LED OFF
	-^-		COs 19 ~ 21 have MF
CO 19	ļ	COs 19 ~ 21 have DP	
CO 16	Ţ	COs 16 ~ 18 have DP	COs 16 ~ 18 have MF
	 -	COs 13 ~ 15 have DP	COs 13 ~ 15 have MF
CO 13	<u> </u>	COS 13 ~ 15 Have Di	
CO 10	-	COs 10 ~ 12 have DP	COs 10 ~ 12 have MF
	 - -	COs 7 ~ 9 have DP	COs 7 ~ 9 have MF
CO 7	<u> </u>	COS 7 ~ 9 Have Di	
CO 4	1	COs 4 ~ 6 have DP	COs 4 ~ 6 have MF
	┼-	COs 1 ~ 3 have DP	COs 1 ~ 3 have MF
CO 1		COS 1 - 3 Have Di	

X = Select (LED on) Initialized Data: All LEDs off

PROGRAM 05 **AUTOMATIC RECALL FROM HOLD TIMING** (Used only if CO 9 \sim 11 LEDs are off in Program 5XX)

		TIME
KEY/LED	×	LIMIE
CO 7		160 seconds
CO 6		128 seconds
CO 5		96 seconds
CO 4		64 seconds
CO 3		48 seconds
CO 2		32 seconds
CO 1		16 seconds
INT		No Recall

PROGRAM 0#5 **CAMP-ON TIMEOUT**

KEY/LED	Х	TIME
CO 3		64 seconds
CO 2		48 seconds
CO 1		32 seconds
INT		16 seconds

X = Select (LED on) Initialized Data: CO 1 LED on

X = Select (LED on) Initialized Data: CO 2 LED on

Stores Sphe # #9 int CO1 & 12

Moderna in more

-2- ADI Hed

PROGRAM 06 AUTOMATIC RELEASE ON HOLD ENABLE

CO LINE	X
CO 12	
CO 11	
CO 10	
CO 9	
CO 8	
CO 7	
CO 6	
CO 5	
CO 4	
CO 3	
CO 2	
CO 1	

CO LINE	X
CO 21	
CO 20	
CO 19	
CO 18	
CO 17	
CO 16	
CO 15	
CO 14	
CO 13	

X = Enable (LED on) Initialized Data: All LEDs off

PROGRAM 07 AUTOMATIC RELEASE ON HOLD TIMING

CO LINE	Х
CO 12	
CO 11	
CO 10	
CO 9	
CO 8	
CO 7	
CO 6	
CO 5	
CO 4	
CO 3	
CO 2	
CO 1	

CO LINE	X
CO 21	
CO 20	
CO 19	
CO 18	_
CO 17	
CO 16	
CO 15	
CO 14	
CO 13	

X = XB (LED on) Blank = ESS Initialized Data: All LEDs off

PROGRAM 08 TENANT SERVICE SELECTION

CO LINE	Х
CO 12	
CO 11	
CO 10	
CO 9	
CO 8	
CO 7	
CO 6	
CO 5	
CO 4	
CO 3	
CO 2	
CO 1	

ı	CO LINE	Х
ł	CO 21	
	CO 20	
	CO 19	
	CO 18	
ļ	CO 17	
	CO 16	
	CO 15	
	CO 14	
	CO 13	

X = Belongs to 2nd tenant Blank = Belongs to 1st tenant Initialized Data: All LEDs off

PROGRAM 09—SINGLE CO LINE (DIAL 9) GROUP SELECTION (OPX, Trunk Queing)

CO LINE	Х
CO 12	
CO 11	
CO 10	
CO 9	
CO 8	
CO 7	
CO 6	
CO 5	
CO 4	
CO 3	
CO 2	
CO 1	

CO LINE	X
CO 21	
CO 20	
CO 19	
CO 18	
CO 17	
CO 16	
CO 15	
CO 14	
CO 13	

X (LED on) = Include in Dial 9
Group
Initialized Data: All LEDs on
NOTE:

Used only if CO 15 LED is off in Program 01 (Single CO Line Group).



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PROGRAM 09X FOUR CO LINE (Dial 91, 92, 93, 94) GROUP SELECTION (OPX, Trunk Queing)

	GROUP			
CO LINE	091	092	093	094
CO 21		<u></u>		
CO 20				
CO 19		<u> </u>	ļ	
CO 18		ļ		ļ
CO 17		<u> </u>	<u> </u>	<u> </u>
CO 16		<u> </u>	<u> </u>	
CO 15				
CO 14				
CO 13			ļ	
CO 12				
CO 11		ļ	-l	
CO 10		<u> </u>		-
CO 9		<u> </u>		
CO 8	<u></u>			
CO 7				
CO 6				<u> </u>
CO 5				
CO 4				
CO 3			J	ļ
CO 2	<u> </u>			<u> </u>
CO 1			.1	

X (LED on) = Include in group Initialized Data:

091—All LEDs on 092 \sim 094—All LEDs off **NOTE*:

Used only if CO 15 LED is on in Program 01 (Four CO Line Groups).

PROGRAM 10 PBX BACKUP

CO LINE	X
CO 12	
CO 11	
CO 10	
CO 9	
CO 8	
CO 7	
CO 6	<u> </u>
CO 5	
CO 4	
CO 3	
CO 2	
60.1	1

CO LINE	X
CO 21	
CO 20	
CO 19	
CO 18	
CO 17	
CO 16	<u> </u>
CO 15	
CO 14	
CO 13	

X (LED on) = Connected to PBX Line Initialized Data: All LEDs off

PROGRAM 0#9 OPL LINE HUNTING (MPLU PCB-MF-4 or DP-4)

CO LINE	Х
CO 12	
CO 11	
CO 10	
CO 9	
CO 8	
CO 7	
CO 6	
CO 5	
CO 4	
CO 3	ļ
CO 2	
CO 1	

CO LINE	X
CO 21	
CO 20	
CO 19	
CO 18	
CO 17	
CO 16	
CO 15	
CO 14	
CO 13	

X (LED on) = Hunting Initialized Data: All LEDs off

PROGRAM 1X PBX ACCESS CODES

CODES	1st DIGIT	2nd DIGIT
#1 (11)		
#2 (12)	<u> </u>	
#3 (13)		
#4 (14)		
#5 (15)		
#6 (16)		
#7 (17)	-	
#8 (18)		

Enter the Access Codes (Maximum: 8)
Initialized Data: None

NOTE:

If the access code is a single digit, enter "*" in the second column. If all combinations following a particular 1st digit are to be considered access codes (e.g., 91, 92, 93, etc.), enter "D" (don't care) in the 2nd column.



PROGRAM 20 TOLL RESTRICTION DISABLE

CO LINE	Х
CO 12	
CO 11	
CO 10	
CO 9	
CO 8	
CO 7	
CO 6	
CO 5	
CO 4	
CO 3	
CO 2	
CO 1	

CO LINE	Х
CO 21	
CO 20	
CO 19	
CO 18	
CO 17	
CO 16	
CO 15	
CO 14	
CO 13	

X (LED on) = Disable Initialized Data: All LEDs off

PROGRAM 2X TOLL RESTRICTION EXCEPTION CODES

		DIG	ITS	
CODES	1st	2nd	3rd	4th
#1 (21)				
#2 (22)				
#3 (23)				
#4 (24)				
#5 (25)				

Enter Actual Exception Codes (Maximum: 5) Initialized Data: None

NOTE:

If codes are less than four digits, enter "*" in the remaining spaces.

PROGRAM 3XX—STATION CO LINE ACCESS

		1	_											S	ΤA	TIC	N	NU	МВ	ER	s											
KEY/LED	FEATURE	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38 3	19 4	0 41
CO 21	Allow Access		<u>L.</u>		<u> </u>			L	ļ	ļ			_	_				-	├_	-	 	-				_			\dashv	+	+	+
CO 20	Allow Access		L		L	ļ		_	_	<u> </u>		<u> </u>	<u> </u>		<u> </u>			┼	├	 	├	_	-		-			\dashv	-	-+	十	╁
CO 19	Allow Access	ot	_	<u> </u>	_			<u> </u>	L	ļ	<u> </u>		_	▙		_	 	-	\vdash	├-	-	\vdash	-					-	+	-+		+
CO 18	Allow Access	┖	_	lacksquare	ļ			_	<u> </u>	ļ	<u> </u>	ļ	_	<u> </u>	ļ	-		├-	⊣	├	⊢	<u> </u>			H		-	\dashv	\dashv	-	+	+
CO 17	Allow Access							L.	<u> </u>	ļ	L	_	-			-		-	₩		┢	-	-	-	\vdash			-+	\dashv	\dashv	-	+-
CO 16	Allow Access		L					L	ļ	ļ						ļ	-	-		-	-	ļ	-	-					\dashv	\dashv	-	+-
CO 15	Allow Access		_		L	ļ	L	L	ļ	<u> </u>		ļ	L		-		_	-	-	-	⊬		_		-		\vdash			-	+	+-
CO 14	Allow Access	<u> </u>	L	<u> </u>	_	ļ		<u> </u>	<u> </u>	<u> </u>	_			<u> </u>	-	ļ .	<u> </u>		-	\vdash	 		-			-			-	\dashv		+-
CO 13	Allow Access	<u> </u>			L	<u> </u>	_	<u> </u>	<u> </u>	<u> </u>	<u> </u>	L	ļ <u>.</u> .	_	_	ļ	-	 	-	┝	 	┝	-	-		_	-		-		+	+-
CO 12	Allow Access		<u> </u>	<u> </u>		ļ	<u> </u>	\perp	_	ــــ	ļ	-	<u>. </u>	<u> </u>	<u> </u>	╁-	ļ_	\vdash	\vdash	-	┼—		-			-	 	-	┪			+-
CO 11	Allow Access				1_	<u> </u>	_	L	_	1	<u> </u>	-	-	_	<u> </u>	ļ	-	\vdash	↓ –	 	-	-	 		 	-	 		-			+
CO 10	Allow Access		_	╙	<u> </u>	<u> </u>	_	L	┸	ļ	<u> </u>		ļ	-	-	-	ļ	+	┼	-	╀	 —	-	┝			├		_		-	+-
CO 9	Allow Access		L		_			<u> </u>	1	1	<u> </u>	-		_	-	-	╄	-	-	ļ_	 	╀	 	-	}	-	⊬	\vdash		H	-+	+
CO 8	Allow Access				ļ_	$oxedsymbol{oldsymbol{oxed}}$	_	_	_	ļ_		_	<u> </u>	.	ļ	_	 	+	-	1	-	├	-	-	-	-	╁				-	
CO 7	Allow Access					ļ	_		_		_	-	_	\perp	 -	-	-	ļ	-	\perp	╁-	-	-	\vdash	-	-	├	-		\vdash	\rightarrow	
CO 6	Allow Access					_	_		_	\perp	<u> </u>	_	\perp	ļ	\downarrow	-	-	_		\perp	-	1	╀	-	+	├ -	\vdash				\dashv	
CO 5	Allow Access			1				\perp	<u> </u>		_	Ļ.	_	-	_	_	1	_	-	\downarrow	-	 	\vdash	 	\vdash	1-	-	\vdash	-	\vdash	\dashv	+
CO 4	Allow Access				_		L	\perp		_	\perp	_	_	_	<u> </u> -		-		_	+	-	+	-		+-	+-	┼	_	-	-		
CO 3	Allow Access						┖	\perp	\downarrow		1	↓_		1_	\perp	-	+			4	-	-	-	 	+	 - -	+-		-		\rightarrow	+
CO 2	Allow Access						_	_		\perp	1	_	\downarrow	1.	4_	-		+	_	\perp	-	4-	-	+	-	-	+	\vdash	_	<u> </u>		+
CO 1	Allow Access										<u> </u>	1							ᆚ.		_Ĺ_	١.		Т		<u> </u>	<u> </u>	<u> </u>		<u></u>		

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KEY/LED	FEATURE	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65
CO 21	Allow Access	Ĺ.				L				<u>L</u> .				<u> </u>	_	<u> </u>			_		_		\sqcup		<u> </u>
CO 20	Allow Access		L.	ļ	_	_	L				_	_		ļ	_	ļ	-	ļ	<u> </u>	ļ	_		\vdash		
CO 19	Allow Access			<u> </u>	L.					_	_		<u> </u>	<u> </u>	-		ļ.—	<u> </u>	_	\vdash	ļ	-	\vdash		<u> </u>
CO 18	Allow Access		_	L	_		ļ			_	_	_	ļ	.	-	ļ	 		igdash	┼-	-		\vdash		-
CO 17	Allow Access		L	L.	L			-			_	_	ļ_	-	<u> </u>	_	\vdash		Ļ		↓-	-	\vdash		
CO 16	Allow Access			_		ļ		_	L	<u> </u>	L		ļ	-	<u> </u>	<u> </u>	↓_	┡	ļ	\vdash	ـ	\vdash			
CO 15	Allow Access		L	<u> </u>	_	ļ	_	<u> </u>	_	_	Ļ.	_	_	ļ. <u> </u>	1	ļ	$oldsymbol{oldsymbol{\perp}}$	ļ. <u>.</u>	-	-	╁	ļ	\vdash	_	├
CO 14	Allow Access		<u> </u>	<u> </u>	_					L	_		ļ	1_	Ļ	<u> </u> _	lacksquare	_	Ļ		igspace	-	\vdash		ـ
CO 13	Allow Access						L		_	<u> </u>	_		_	-	L	<u> </u>	igspace	<u> </u>	igspace	ļ	1	 _	 	ļ	<u> </u>
CO 12	Allow Access							_		L		_		_	Ļ.	L	ļ	$oxed{oxed}$	ļ.	\perp	ļ	-	Ŀ.	_	
CO 11	Allow Access				L					ļ.,	\perp		Ļ	↓	↓_	ļ	1	<u> </u>	\vdash	-	-	-	 	Ļ	↓_
CO 10	Allow Access		_		1_	_		<u> </u>	_	1_	<u> </u>	L	_	\perp	ļ	_	-	igspace	ļ	\perp	_	1	\vdash	 	┾┈
CO 9	Allow Access			_	_	L	_	-	_		_	\perp	-	\perp	<u> </u>	1	<u> </u>	\perp	↓	\vdash	╄-	-	+	-	╀
CO 8	Allow Access		_		_	_	_	<u> </u>	_		-	1	_	_	╽-	\downarrow	\downarrow	\downarrow	╁-	+	+	╁	+		+
CO 7	Allow Access				_		↓.	┸	ļ	\perp	ļ	\downarrow	1_	_	<u> </u>	1	\perp	\perp	+	\perp	\downarrow	4-	\downarrow	├	+
CO 6	Allow Access	\perp		\perp	<u> </u>	l		\perp	<u> </u>	\downarrow	\perp	<u> </u>	\downarrow	1	_	-	<u> </u>	4_	1	+	+	 -	+	├-	╄
CO 5	Allow Access				┸		\perp		↓_		_	_	_	\perp	-	1	-	\downarrow	4-	+	+			ļ.	┼-
CO 4	Allow Access		_		\perp	\perp		_	\perp	\perp	1	1_	\perp	1	\perp	\perp	1	1	<u> </u>	+	\perp	_	+	1	╁
CO 3	Allow Access				\perp	\perp	\perp	1	\perp	\perp	\perp	\perp	4_	_	-	\perp	\bot	\perp	4_	4	-	\perp	-	╀	┼-
CO 2	Allow Access						\perp		1	\perp	\perp	\perp		1	_	\bot	\perp	L		1	1	\perp	4		+
CO 1	Allow Access					1											1			\perp					L

X = Select (LED on) Initialized Data: All LEDs on

PROGRAM 4XX-STATION TYPE & FLEXIBLE KEY ASSIGNMENT

		T												S	TA	TIÇ	N	NU	МВ	ER	<u>s</u>				· · · · ·							
KEY/LED	FEATURE	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	383	19 4	0 41
CO 17	10-key #5										_			Ļ.	_		_	—	ļ		-	_	Ļ							╁	+	+
CO 16	10-key #4		<u>.</u>	<u> </u>							_	ļ	ļ		<u> </u>		-	ļ	-	_	\vdash		-			<u> </u>	-	-	\vdash	┼┼	+	
CO 15	10-key #3		L					_		<u> </u>	_	ļ.,	-	ļ		-	├-	_	ļ	-	┝	-	<u> </u>	-	-		_		-	\vdash	+	
CO 14	10-key #2		<u> </u>		_				_			<u> </u>	ļ	-	├	├-	 	-	-	\vdash			-		-	-		_	<u> </u>	┼┼	+	-
CO 13	10-key #1		<u> </u>		_					_	ļ	<u> </u>	ļ	-		ļ	 	ļ	╄-	ļ	-		-	ļ		-			-	H	+	
CO 12	20-key #13		L	ļ		ļ	<u> </u>	_	_	<u> </u>		L	ļ_	\vdash		\vdash	 		-	├	-	_	-	-	-	-	-	<u> </u>	-	\vdash		
CO 11	20-key #12			Ļ		_		L	ļ	_	<u> </u>	ļ	ļ.,	_	-	<u> </u>		-	ļ	-	├—	-	<u> </u>	-		-	-		-	+ +	\dashv	+
CO 10	20-key #11	_	L.		L			L		L	_		Ļ	<u> </u>	\vdash		-	├_	<u> </u>	\vdash	 	├	\vdash	ļ	-	-	-	_	-	 - 	+	+
CO 9	20-key #10			<u>L</u>		<u> </u>		L	L	ļ	<u> </u>	<u> </u>	_	igspace	ļ		ļ	_	 -	ļ	 	 		\vdash	 —	├	├	-	┝	\vdash	-+	- -
CO 8	20-key #9			<u> </u>			L	_	Ļ	_	_	<u> </u>	ļ	-	-		\vdash	-	ļ.	-	├	}_	-	L		┝	-	-	┝	╁╌┼	\dashv	+
CO 7	20-key #8			_		<u> </u>			L	_	_	<u> </u>	-	<u> </u>	-	-	\perp	-	-	\vdash		-	╁	\vdash	-	-	-	\vdash	├-	+	+	-+-
CO 6	20-key #7	\perp			_	<u> </u>	_	L.		_	L	<u> </u>	<u> </u>	-	ļ_	-	ļ	-	-	 	ļ	╀	-	-	-	-	╁	-	-	+-	-+	+
CO 5	20-key #6			_	L	ļ	L	_	L	<u> </u>	_		-	-	-	-		ļ_	↓_	ļ	\vdash		 		-		-	\vdash	 −	-	\dashv	
CO 4	20-key #5					<u> </u>	L	_	L	_	_	-	_	1	ļ	ļ_		ļ	-	-	┼-	╁-	╁	-	-	 	}	-	-	++	\dashv	
CO 3	20-key #4		L	1_	<u> </u>	<u> </u>	_	<u> </u>	1	<u> </u> _	-	ļ	\perp	-	4	-	-	-		-	+	 	+	-	-		+-	\vdash	\vdash	+-	\dashv	
CO 2	20-key #3		<u> </u>	\perp		$oldsymbol{\perp}$		1	ļ		_	1	1	4		_	 	ļ	-	+	+	\vdash	 	+		\vdash	+	-	┼-	++		
CO 1	20-key #2			<u> </u>	\perp			ļ		1_	_	\downarrow	1-	\perp	_	\perp	-	-	- -	-	4-		+	+	+-	\vdash		╀╌	╁	1-1	\dashv	+
INT	20-key #1							<u> </u>				1_				`		<u> </u>			<u> </u>	┸	١	L	_	<u>L.,</u>	<u> </u>		Ĺ.,			

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KEY/LED	FEATURE	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65
CO 17	10-key #5						ļ. <u>.</u> _					_					_	_			_		\dashv	\dashv	<u> </u>
CO 16	10-key #4				<u></u>	_	_	<u> </u>	L		L				<u> </u>		Ļ.,	_		_		_		_	—
CO 15	10-key #3								_		ļ		_				<u> </u> _	-	<u> </u>	-	L			_	
CO 14	10-key #2		_		<u> </u>	_		<u> </u>	_		_	_		_	ļ <u>.</u>	<u> </u>			-	ļ		L	\vdash		\vdash
CO 13	10-key #1				L			_		L	_	_			_		\vdash	_	_	ļ		-			
CO 12	20-key #13		L	L	<u> </u>	<u> </u>		<u> </u>		ļ	<u> </u>		ļ	_	L	_	L	ļ		<u> </u>	<u> </u>	_	\vdash	_	
CO 11	20-key #12	_ _	<u> </u>	_		<u> </u>	L	_	L	ļ	╙	_	L	ļ	_	ļ	L		1	<u> </u>			\vdash		
CO 10	20-key #11		L		<u> </u>	$oxed{oxed}$	L		_	ļ	Ļ	_		ļ	L	ļ	L	-	├-	-	Ļ	-			
CO 9	20-key #10		L		\perp	_		↓_	$oxed{oxed}$	<u> </u>	_	L	_	<u> </u>	ļ	<u> </u>	ļ	ļ		├-	}_	<u> </u>	\vdash		┝
CO 8	20-key #9	_ _	<u> </u>		L	<u> </u>	ļ.,	ļ_	<u> </u>	<u> </u>	L	_	L		_	<u> </u>		<u> </u>	\vdash	<u> </u>	├		<u> </u>	-	
CÒ 7	20-key #8		L	L	L	<u> </u>	_	<u> </u>			_	ļ_	ļ_	_	ļ	<u> </u>	ļ	┡	-	 _	ļ	<u> </u>		_	 _
CO 6	20-key #7					L	ļ	<u> </u>	<u> </u>	_	1	<u> </u>	_	_			lacksquare	-	_	-	\perp		-		
CO 5	20-key #6		L		ļ_	Ļ	_	$oxed{igspace}$		igspace	_	ļ	\downarrow	1_	ļ.	_	┡	↓_	1	╁	<u> </u>	ļ	 	_	-
CO 4	20-key #5				1	_		\perp	<u> </u>	\perp	<u> </u>	-	_	-	\perp	-	-	-	╁	ļ	╀	-	-	 	┼
CO 3	20-key #4				<u> </u>	_	L		_		L		١	_	-			ļ.	ļ	╀	╁-	1	} —	<u> </u>	₩
CO 2	20-key #3		_	_			\downarrow		1_	_	L	1	1_	1	1	1	-	\vdash	ļ	\bot	-	╄-	 	_	+
CO 1	20-key #2		\perp	$oldsymbol{\perp}$	L	_	\perp	_	\perp	↓	1	L		\perp	<u> </u>	1.	╽.	4	↓_	\perp	-	-	 - -	\vdash	 -
INT	20-key #1					\perp	<u> </u>					١.,	<u> </u>		1	_	┸	_	L	\perp	<u> </u>	<u> </u>	<u> </u>		

X = Select (LED on) Initialized Data: INT LED on; all other LEDs off

NOTES:

Select one type of EKT per station only.
 If the system is equipped with a DSS, 20-key #8 type is selected automatically.

PROGRAM 5XX-STATION CLASS OF SERVICE

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KEY/LED	FEATURE	10 1	1 12	13	14	15 1	61	7 18	19	20	21	22 2	23	24 2	25∶	26	27	28	29	30	31	32 3	33	34 3	7	36 37	36	33	
CO 17	Privacy Override Allowed				-	_	-	-	 			+	\dashv	\dashv	-+	$-\dagger$	7		_	_	_	7		十					\perp
CO 16	DND Override Allowed		—	<u> </u>	 			 	 —	+-				-	\dashv	\dashv	7	_			_	7							_
CO 11	Hold Recall Time Code*			-			_ -		\vdash	+				1	\dashv	一	_	$\vdash \dashv$			7	\neg					L		
CO 10	Hold Recall Time Code*	- -	-\-	<u> </u>			-+		-	+-				-+	-+	_													
CO 9	Hold Recall Time Code*	1			_				╀	+-		-						-	-										
CO 8	MIC Push-on/Push-off	1		-	_				+	+-		╁╾┤			_			╁	-								<u> </u>		
CO 7	Group Page #4	 	<u> </u>	↓_	<u> </u>			- -	+-	+-	-	-						 			. 								<u> </u>
CO 6	Group Page #3	┧		 	 		-			┥-	_	╁╌┆	-	\vdash \dashv		-		†	1	T				T					
CO 5	Group Page #2	1		-	\downarrow		-			+-	├	+-	-	-	-	-		†	 	1									14
CO 4	Group Page #1	 		╁–	-	-	-		-}-		 	-	-	┼~~	-	├─	-	 	†-	1	1	\Box					\perp		
CO 3	Speakerphone Enable			\perp	-	 			+-	+	-	-	-	\dagger	 	 	ऻ_ॱ	+		1		ŢĦ		\prod					Ш
CO 2	Automatic Dialing Allowed	\bot	_	_	-	 	-		+	+-	╁╌		 	 -	╁	+	t	T	十	1	1	 		\sqcap			\perp		
CO 1	Ringing Line Preference Enable	e		-	-	╁-				\dashv	╁-		 −	+	╁	T	\dagger	\dagger	†	1	1	1						1	
INT	Include in All Call Page]			<u> </u>				1_	1		<u>L</u> .	ــــــــــــــــــــــــــــــــــــــ	1		_	<u>}</u>	_		1				_				

X (LED on) = Select Initialized Data: CO 1, 2, 3 & INT LEDs on; all other LEDs off

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KEY/LED	FEATURE	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	54	05
CO 17	Privacy Override Allowed	_	L	<u> </u>	L		_	ļ'	ļ			<u> </u>	-	-		-				+-	-	-	-	-	
CO 16	DND Override Allowed		<u> </u>	L	L	<u> </u>	L	├	<u> </u>	 	-	}-	-	├	├	╁╴	-	├-	-	├-	-	H			Γ
CO 11	Hold Recall Time Code*	L	┖	1	<u> </u>	 —	\ _	 		-	├—	-	-	-	-	+	-	 	-	╁╴	-	-	\vdash		
CO 10	Hold Recall Time Code*	L.	ot	1	\vdash	-	-	┼-		-	-	-	-	╁	╀	╁	╁╴	├-	-	十	十	T	\dagger		T
CO 9	Hold Recall Time Code*	L	\downarrow	$oldsymbol{igstyle}$	\perp	↓ _	<u> </u>				 −	 	┼-	┼-	╁	╁╌	 	+	-	+	+	T	+-	_	Γ
CO 8	MIC Push-in/Push-off	L	\perp	\downarrow	┨_	 _	1	-	ļ	-	 	╂-	-	╁╌	╁╴	╁	╁╴	+	╁	+	+-	\dagger	╁		Τ
CO 7	Group Page #4	L	ļ	1	ļ.	┾-	_	+	 	+	-	\vdash	+	╂	╁	\vdash	┼─	+	╁╴	╁╴	+-	╁┈	 	┢	T
CO 6	Group Page #3	<u> </u>	_	\perp	\perp	-	1	<u> </u>	}_	┼	╁-	-	╁	╀	╁╴	╁	╁╌	╀╌	╁╌	╫	╁	╁	+	-	T
CO 5	Group Page #2	L	1	1_	1	ļ	\perp		\vdash	+	igdash	┼	+	╁	+	+	╁╌	┼┈	╁	╁	十	+	1-	-	†
CO 4	Group Page #1	_	\perp	\perp	\perp	╁	1	-	↓_	+-	╀-	+	-	+	╀	+	╁	┼~	╀╌	+	╁	+	+-	-	+
CO 3	Speakerphone Enable	\perp		1-	1	<u> </u>	4	\perp	4_	+	-	+-	+-	+-	+-	+	+	+	╁	╁	+-	╁	+	╁╴	十
CO 2	Automatic Dialing Allowed	Ļ	1	_ _	- -			- -	4	+	+	+	+	+-	+-	+-	┿	╁	╫	+	+	+	-	+-	十
CO 1	Ringing Line Preference Enable	4_	_ _	_ _	_	\downarrow	1	+	4_	- -		╁┈	+-	+	+	╀	╁	+	╅╴	+-	+-	+-	+-	T	+-
INT	Include in All Call Page		1				1		Ш.		1	1											۰	_	

X (LED on) = Select Initialized Data: CO 1, 2, 3, & INT LEDs on; all other LEDs off

*Hold Recall Time Code

	Prog. 05	16 600	22 Sec	48 Sec.	64 Sec.	96 Sec.	128 Sec.	160 Sec.
KEY/LED	Prog. U5	16 Sec.	32 360.	70 000.		V		×
CO 11		<u></u> _		<u> </u>	×	 	 ^ -	
CO 10			×	×			<u> </u>	X
				V		×		×
CO 9	1	X	İ			<u> </u>		

PROGRAM 6XX-TOLL RESTRICTION CLASSIFICATION

	The						_	_				_				STA	TIC	ΣN	NU	M	3ER	IS						,	,,				
KEY/LED	FEATURE	10	1	1 1	2 1	3	14	15	16	17	18	19	20	21	22	23	24	2	26	27	728	329	30	31	32	33	34	35	36	37	383	9 4	0 4
CO 13	Allow Exception Code #5*	_	_	_	_	_		_		-	_	+-	-	+	+		+-	+	+-	+-	+	╁╌	╁		+-	\top	 	-					L
CO 12	Allow Exception Code #4*		\perp	1	_	_	_		_	┝-	┝	+-	+-	+-	+-	+	+	+-		+-		\top	\top	T	1		Τ						1
CO 11	Allow Exception Code #3**		_	_		_				├-	-	+-		+-	╁	+-	╁	╁	+-	†-	-	1-	1	1			1						↓_
CO 10	Allow Exception Code #2**		\downarrow	\perp	_	_	_	_	<u> </u>	-	-	+-	+	+	+	+-	-	+	+	+-		+-	+-	1	†-	1	1						
CO 9	Allow Exception Code #1*1	1	_	_ -	_	_	_		L		╁	+	+	+-	+		 	+-		-	+	+-	-	1	\top	1	1	1					
CO 8	Allow 411**	\downarrow	4.	_	_				-	 	-	+-	+	-	+			+				+-		1	1	 							
CO 7	Allow 911**	1	┰	_ -		_		L		╀-	-	+	+-	-	+	+-	+	+	+	+	+	+	+	-	+	+	+	\top		Ţ			
CO 6	Allow 800**	-	_	_	_			_	 	ļ	-	+	-	+	+	+-	-	+	+-	+-	+-	+-	+-		†-	†-	-	 	1	<u>†</u>			
CO 5	Restrict 0 as 1st digit	1-	\downarrow	_	_			_	 	\vdash	+	+	- -	-	-		-	+	+		+	+	+	+	-	\dagger	+	T					
CO 4	Restrict 0 as 2nd digit	\perp		_			_	Ļ	-	- -	+-				-				+		- -	+		+	-1	1-	1-	1	1	1			
CO 3	Restrict 1 as 1st digit	_	_ _	_	_	_	_	-	-	+	+	+	+		+	+-		+	+	+	+	+	+	+	_	+	1	\top	\top	Τ			
CO 2	Restrict 1 as 2nd digit	_	4	_			-	ļ.,	-	+	+	+	-	+				+		+		+	+	+	+	+	- -	1		1			
CO 1	Allow 1 + 7 digits	\perp	_ _	_		_	ļ	<u> </u>	-	_	+	+	_	-					-		+	-+	+	-	- -	+	+	\top	1	\top	Π		
INT	Allow 7 digits																							٠.									

X (LED on) = Select Initialized Data: No restrictions

*A maximum of 29 digits allowed

**A maximum of 11 digits allowed

See explanation in Paragraph 02.50, Program 6XX, for order of preference.

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KEY/LED	FEATURE	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	6
CO 13	Allow Exception Code #5*				_			_	_	_	ļ				<u> </u>	_	\vdash	-	_	_		 -			┝
CO 12	Allow Exception Code #4*		<u> </u>	L	_		-	ļ		-	_	-				_	<u> </u>			-	-	-	1		┢
CO 11	Allow Exception Code #3**	_	ļ	_		.	<u> </u>	<u> </u>	}	 	-	<u> </u>	<u> </u>		-	_	-				┢	╁	\vdash	_	-
CO 10	Allow Exception Code #2**	L.	_	<u> </u>	_		_	-		ļ_	-	ļ	-			-	⊣	⊢	-	-		-	-		H
CO 9	Allow Exception Code #1**		ot	_	ļ_	ļ 	\perp	-	L	ـ	ļ			_		<u> </u>	╁	-	-	╁	-	 	-	-	H
CO 8	Allow 411**		_	_	_	_	\perp	-	ļ_	-		-	╁		-	⊢	\vdash	├-	-	-	+-	┼-	-	-	╁
CO 7	Allow 911**	<u> </u>	1_	_	-	ļ	_	\bot	<u> </u>	┧_	ļ	ļ	┼		├	├	╀	+-	-	┼─	╁	+-	╁╌	-	t
CO 6	Allow 800**		_	L	L	L	_	 	-	_	-	-	┾-		┼	├	┼-	╁	├-	├	╁	╂─	╂	-	t
CO 5	Restrict 0 as 1st digit	<u> </u>	_	_	<u> </u>	1	$oldsymbol{\perp}$	- -	ļ	-	-	╁-	\vdash		┼	╁	╁	╀	-	+-	+-	+-	+-	┢	十
CO 4	Restrict O as 2nd digit	_	\perp	1	<u> </u>	-	ļ		4	+			-		╀	┼-	┨-	+-	+	+-	╁	╁	╁┈	╁	+
CO 3	Restrict 1 as 1st digit	<u> </u>	_	Ļ.	1_	\perp	-	-		-	-	-	┼—		╀	╀	+	┼	╁-		_	╁	╁	┼─	†-
CO 2	Restrict 1 as 2nd digit	L	_ _	<u> </u>	1	╄	-	-	-	-	+-	+	-	 	┼-	+	╁	-	+-	╁	+	+	+	+-	+
CO 1	Allow 1 + 7 digits	1_	1	\perp	\downarrow	-	_	-	_	-	-	-	-	╀╌	+	+		+	╁	+	+-	+-	+	+	+
INT	Allow 7 digits		L		<u> </u>				<u> </u>	\perp		L	⊥_			L	上	. _	<u> </u>			L	Л		_

X (LED on) = Select Initialized Data: No restrictions

*A maximum of 29 digits allowed

**A maximum of 11 digits allowed

PROGRAM 7XX—STATION OUTGOING CALL RESTRICTION

		1												S	ΤA	TIO	N	NU	MB	ER:	<u>s</u>				22	24	25	26	37	38	39	ю	41
KEY/LED	FEATURE	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	30	3,	30	39		_
CO 21	Restricted						_	_								-	-	+	-	-	-		-	ļ	-								
CO 20	Restricted	<u> </u>		<u> </u>	_			_			-	_		-	-			1-	-	-		_						L	_	_		_	_
CO 19	Restricted		<u> </u>	_	_	<u> </u>	-		_	-		<u> </u>	-	-		-		+-	 	-	Ι-	ļ —		-					<u> </u>	<u> </u>	\sqcup	_	
CO 18	Restricted	┺		<u> </u>	<u> </u>				_	-	 	-	 - -		-		+-	-	-	-	-		ļ					_	L		<u> </u>	_	
CO 17	Restricted	1	L	-	╽-	_	-		_	\vdash	-		-		-	-	 	-	+-	\dagger			T	1				_	_	ļ_			-
CO 16	Restricted .	1_	1_	\downarrow	 	<u> </u>	\vdash	<u> </u>	├	-	-	-	╁	 	+-	-	+-	\top	+-	_	1	1					_	L	_	<u> </u>			<u> </u>
CO 15	Restricted	\perp	\perp	↓-	↓_	-		ļ	-	├-	┼	-	+	╁-	-	\vdash	╁	-	\dagger	+-	†-		1	1			L	_	1	_	1_		ļ.
CO 14	Restricted		1	1	↓_	-	-	<u> </u>	}	┼-	+-	+-	+-	+	+	+-	+-	+	+-	†	+	†	Τ.			<u> </u>					<u> </u>	. —	L
CO 13	Restricted		1_		4-		· —-	-	-	┼-	-	┼-	+-	+	+	-		-	+	+	-	1		T				_	\perp	_	ــــــــــــــــــــــــــــــــــــــ	<u> </u>	ļ.
CO 12	Restricted	_	1	+	-	-		-	+-	-	+-	+	+-	+-	+-	+	-	-	+-	1	1						_			1	4-	ļ_	╀
CO 11	Restricted	\perp	_	_	-	+	-		-	╁	+-	╁╴	+-	-	+-	+	-	-	_		T	T	1							_		_	1
CO 10	Restricted	4-				\perp		∤ –	+	+-	-	+-		+	+	+-	-	+	_	-	\top	1	1						_ _	1	↓_	<u> </u>	ļ
CO 9	Restricted	_		\perp	\perp	-		╁	 	+-	+	+	+-	+-		+	+		-	\top	_	1							\perp		_ _	L	1
CO 8	Restricted	_	_	-	_	+		-		+	-	+		+	+	+	-		_	1	╁	1		1				_ _		_ _	_ _	L	1
CO 7	Restricted		_		_ -	_ _	-	-	+	+	+	+			+	+	+			+	1	1	1	1	7				\perp			L	1
CO 6	Restricted	\-	_ _	-	4	-	\perp	+		-		-	+-		+	-	+	+		-	7	_	-							4-		1	\downarrow
CO 5	Restricted	_	_ -		+			+		+	- -		+		\dashv		-		+	_	+	+	1	_ -							_ _	\perp	4
CO 4	Restricted		_	_	_		+			+	+	+	-	+	\dashv		+	-	+	+	_	1	1	_					\perp	\downarrow		1	\downarrow
CO 3	Restricted		\dashv	_	4			+	+	+	+	+	+	+		-	-†	-	7	_	+	1						_]		_		4	4
CO 2	Restricted		_	_	_	_		-	+	+			+	+	\dashv		-†	-	_	_	1	_	\exists									L	_
CO 1	Restricted				_ }			_															_										

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KEY/LED	FEATURE	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65
CO 21	Restricted		ļ		<u> </u>	<u> </u>	-	-	-	-	 	-	-	-			-		-	 	 		_		
CO 20	Restricted	1_	ļ	1_	ļ.,	<u> </u>	ļ	ļ	╁-	-	┝╌	+-	├-	-	-	├	-	\vdash	\vdash	 -	<u> </u>	1	Γ		
CO 19	Restricted		↓_	 _	 	-	┾-	-		-	-	-	-	-	-	 	 -	_	╁		Τ			Γ	
CO 18	Restricted	4_	<u> </u>	↓_	├-	 -	╁	-}		┼-	-	-	-	-	-	-	-	-	1-	-		 		Γ	
CO 17	Restricted		_	-	ļ		- -	- -	+	-	+-	-	-	+-	+-	┼-	╁╴	\vdash	†	 	1	1			
CO 16	Restricted		↓_	- -	╁.	+		+	-	-	╁┈	-	+-	-	+-	+-	\vdash	+-	+	+-	1	1		Γ	
CO 15	Restricted		↓_	_	-	-			+	-			+	+-	+-	╁╌	+-	╁	\dagger	+-	1-	1		1	1
CO 14	Restricted	_ _	_	- -	-	-			-						+-	+-	-	+	-	-	- -	-			1
CO 13	Restricted		1	↓	1	-	+	-	+			+	+		+-	╁	十	+-	+		1	1	T	1	
CO 12	Restricted		_	\bot	\downarrow	-	- -		+	+	+			+	+	+-	+-	+-	十	Ť	+	1	-	T	
CO 11	Restricted				_	_	4		- -		+	+	+-	+-		+	+	十	+	+	+	1	1	T	
CO 10	Restricted		\perp			_	+	+	+		+	+	+	+	+	╁		+	+	\dagger	+	1	1	Τ	
CO 9	Restricted	_	_	_	+	-	-}-		-		+	+				+	+	+	+	- -	1	1		T	1
CO 8	Restricted	-			_	-		-	-	-	-	+	+	+	+	+	╁	+-	+	†		1	7	1	1
CO 7	Restricted	_	_		_ _	4	_		-+	-+	+	\dashv	+	+	+	+	+	-+	+	-	+	- -	_	+	1
CO 6	Restricted				_	4		-	-			+	+	+	+	+	┦╸	╅	-†	-+	+	_		1	\top
CO 5	Restricted		_		_ -	_			-				\dashv	+	+	+	\dashv		-+	+	+	\dashv	+	_	\top
CO 4	Restricted			_	_	_				-	-	-	\dashv	+		-+	-+	\dashv	+	_	-	_	+	+	1
CO 3	Restricted		_	_	_		_				-	-	+	-+	\dashv	-+	-	\dashv	-	+		7		7	\top
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CO 1	Restricted					ل												_		1					

X (LED on) = Select Initialized Data: All LEDs off

PROGRAM 8XX-CO RINGING ASSIGNMENTS-DAY

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KEY/LED	FEATURE	10	11	12	13 14	115	16	17	18	19	20	21	<u>5</u> 22	1A 23	TIO 24	25	26	ив 27	28	29	30	31	32	33	34	35	36	37	38	39 4	0 4	1
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CO 18	Ring in DAY	1		_		1	lacksquare	_					ļ	-			-		-	-			-		Ι	-	-		_		+	7
CO 17	Ring in DAY		<u> </u>	-		\downarrow	₋	ļ	ļ	-			-	-	-	_	-	-			-				-	 	-		_		\top	
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CO 14	Ring in DAY		ļ	╀			+-	-	\vdash	├-	-		┼	+	+		-	-	-	-			\vdash	-	-	1		Γ				_
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KEY/LED	FEATURE	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65
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CO 2	Ring in DA		-	<u> </u>	\downarrow	-	\perp	-	\perp	+-	- -	+	-	+-	+-	+	-	+	+-	+	+-	+	+	+-	+-
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X (LED on) = Select Initialized Data: Station 10, all LEDs on; all other LEDs off

NOTE: Each line can ring on only eight stations. If more than eight are programmed, only the eight stations with the lowest station numbers will ring.



PROGRAM 8#XX—CO RINGING ASSIGNMENTS—DAY 2

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KEY/LED	FEATURE	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	394	0 41
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CO 17	Ring in DAY 2	<u> </u>	_	ļ	_	_		ļ.,	-								- -			-	-		1	1								_ _
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CO 14	Ring in DAY 2	_		_	-			-	-	-	-			-		-		-	-	1-	\dagger	T	†-						_	<u>_</u>		\perp
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CO 3	Ring in DAY		_	_	4	-	_		-	+	+	+	+		+	+	+	+	+	- -	-	_	十	1	_			I			\perp	$\perp \downarrow$
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KEY/LED	FEATURE	42	43	44	45 4	6	47	48	19	50	51	52	53	54	55	56	57	58	59	60	61	62 t	330	1 60
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X (LED on) = Select Initialized Data: All LEDs off

Each line can ring on only eight stations. If more than eight are programmed, only the eight stations with the lowest station numbers will ring.

PROGRAM 9XX-CO RINGING ASSIGNMENTS-NIGHT

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KEY/LED	FEATURE	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	20	3 2	72	82	93	0 3	113	2	33	34	35	36	37	38	39 4	10	41
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CO 14	Ring in NIGHT	<u> </u>			ļ	<u> </u>	_	<u> </u>	_	-	-	-		\perp	╁—	-	╁	\vdash	╀	\vdash	 —	┼-	\vdash	\vdash	├ ─
CO 13	Ring in NIGHT	L				_	\perp	↓	1	Ļ	↓ _		╁-	ļ	 	╀	╁	┢	╂-	+	\vdash	-	-	\vdash	╁
CO 12	Ring in NIGHT	<u> </u>		L.	_	L	$oxed{oxed}$	-	L	_	ļ	┡	\perp	 	╀	┧	\vdash	├-	┾.	+	 	╀	\vdash	╁	┼
CO 11	Ring in NIGHT	_	_	L	_	퇶	-	ļ	↓_	 	-	-	╁	\vdash	-	-	┼	ļ	╀		╁┈	╁	╁-	╀	┼
CO 10	Ring in NIGHT			_	ļ	1	-	ļ	ļ_	-	-		+	-	-	+-	-	-	-	+-	-	 	╁╌	\vdash	1
CO 9	Ring in NIGHT	-		ļ	┡	ļ	_	<u> </u>	ļ	-	-	+	<u> </u>	-	╁	+	+	\vdash	╂-	╬	┼-	+	+	┼	+
CO 8	Ring in NIGHT		<u> </u>	_	<u> </u>	\perp	ļ	$oldsymbol{\perp}$	-	↓_	\perp	-	-	-	╁-	+		+	╁	-	╀	╁	╁	┼─	+-
CO 7	Ring in NIGHT	<u> </u>		Ì	↓_	↓_	-		<u> </u>	\perp	-		-	+-	╁	-	┼-	╀	+	┪-	-	┼	+	-	╫
CO 6	Ring in NIGHT	\perp	$oxed{igspace}$	L.,	_	_	ļ.,	4_	-	-	4-	1-	-			╁-	+		+	+-	╁┈	+	+-	╀	╁
CO 5	Ring in NIGHT	<u> </u>	L	_	\perp	1	↓_	-	_	1_	_	 	-	4-	+-	\perp	\downarrow	╁-	+	+-	╁	+		+	+
CO 4	Ring in NIGHT	1	$oxed{oxed}$	L	_	1	-	1	-	4	\perp	\perp	+	\bot	4-		\bot	+	-	╄	-	-	+	╀	╁┈
CO 3	Ring in NIGHT	_	_	Ļ_	<u> </u>	\perp			1	-	4	+	- -	-	+	+		-	+	+-	+	+-		+	+
CO 2	Ring in NIGHT	\perp	$oxed{oxed}$	_	_	1	ļ	\perp	1	1	1	-	\perp		\perp	+	+	+	+	+	-	+	+	╂-	+
CO 1	Ring in NIGHT					L				\perp	⊥_						\perp	1	\perp				٠.		

X (LED on) = Select Initialized Data: Station 11, all LEDs on; all other LEDs off

NOTE: Each line can ring on only eight stations. If more than eight are programmed, only the eight stations with the lowest station numbers will ring.

TABLE 10

PROGRAM 05 AUTOMATIC RECALL FROM HOLD TIMING

(This program is used only if CO $9\sim11LEDs$ in Program 5XX are off.)

1) Lock in the SET switch on the	∍ MCAU.	SET LED on. Station 17 MW/FL LED on. System is in program mode. Normal functions halt on station 17.					
2) Depress the SPKR key on state	on 17.	SPKR LED steady on.					
3) Dial 05 on dial pad.		SPKR LED flashes continuously. An INT or CO LED will indicate present data.					
4) Refer to the System Record Si Using the various keys, turn one LED on or off, as required. The deta ing of each key/LED is shown by	associated iled mean-	An X on the record sheet means the LED should be on. Only one LED is permitted to be on, depressing another key will turn that LED on and turn off the previous LED.					
NOTE: If any key/LED is not shown, it i	s not used.						
	KEY/LED	LED ON					
	CO 7	160 seconds					
Į	CO 6	128.seconds					
	CO 5	96 seconds					
	CO 4	64 seconds					
	CO 3	48 seconds					
	CO 2	32 seconds					
	CO 1	16 seconds					
	INT 1	No Recall					
5) Depress the HOLD key to place memory.	new data in	All station 17 LEDs (except MW/FL) go off.					
6A) Go to Step 2 in another progra	ım table						
6B) Transfer data into working m Paragraph 02.06 .	nemory per	SET LED goes off. Station 17 MW/FL LED goes off. New data is stored, previous data is erased.					

To store memory

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TABLE 27

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PROGRAM 8XX CO RINGING ASSIGNMENTS-DAY

1) Lock in the SET switch on the MCAU.	SET LED on. Station 17 MW/FL LED on. System is in program mode. Normal functions halt on station 17.
2) Depress the SPKR key on station 17.	SPKR LED steady on.
3) Dial 8 XX on the dial pad. XX = the number of the station(s) to be programmed. NOTE: For multiple station programming, refer to Paragraph 02.20.	SPKR LED flashes continuously. CO LEDs indicate present data.
NOTES: 1. Any station(s) designated to ring must be a 2. A maximum of eight stations may be assigned, the lowest eight station numbers	gned to ring for any given CO line. If more are
 4) Refer to the System Record Sheet. Using the O keys, turn their associated LEDs on or off, as required. LED on = Ring in DAY mode. Each CO key/LED represents itself—that is, if CO 1 LED is on, then the station being programmed (XX) will ring when a call comes in on CO 1 in the DAY mode, etc. 	An X on the record sheet means the LED should be on. If the LED is already on, depressing its associated key will turn it off and vice-versa. LEDs may be turned off and on until the desired pattern is set.
5) Depress the [HOLD] key to place new data in memory.	All station 17 LEDs (except MW/FL) go off. New data is stored, previous data is erased.
6A) Return to Step 2 in order to continue with this program or 6B) Go to Step 2 in another program table or 6C) Transfer data into working memory per	
Paragraph 02,06 .	SET LED goes off. Station 17 MW/FL LED goes off.

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TABLE 28

PROGRAM 8#XX CO RINGING ASSIGNMENTS-DAY 2

1) Lock in the SET switch on the MCAU.	SET LED on. Station 17 MW/FL LED on. System is in program mode. Normal functions halt on station 17.
2) Depress the SPKR key on station 17.	SPKR LED steady on.
3) Dial B # X X on the dial pad. XX = the number of the station(s) to be programmed. NOTE: For multiple station programming, refer to Paragraph 02.20.	SPKR LED flashes continuously. CO LEDs indicate present data.
NOTES: 1. Any station(s) designated to ring must be a 2. A maximum of eight stations may be assigned, the lowest eight station numbers	gned to ring for any given CO line. If more are will ring—the others will be ignored.
 4) Refer to the System Record Sheet. Using the O keys, turn their associated LEDs on or off, as required. LED on = Ring in DAY 2 mode. Each CO key/LED represents itself—that is, if CO 1 LED is on, then the station being programmed (XX) will ring when a call comes in on CO 1 in the DAY 2 mode, etc. 	An X on the record sheet means the LED should be on. If the LED is already on, depressing its asso- ciated key will turn it off and vice-versa. LEDs may be turned off and on until the desired pat- tern is set.
5) Depress the HOLD key to place new data in memory.	All station 17 LEDs (except MW/FL) go off. New data is stored, previous data is erased.
6A) Return to Step 2 in order to continue with this program or 6B) Go to Step 2 in another program table or	
6C) Transfer data into working memory per Paragraph 02.06.	SET LED goes off. Station 17 MW/FL LED goes off.

TABLE 29

PROGRAM 9XX CO RINGING ASSIGNMENTS-NITE

1) Lock in the SET switch on the MCAU.	SET LED on. Station 17 MW/FL LED on.em is in program mode. Normal functions halt on station 17.
2) Depress the SPKR key on station 17.	SPKR LED steady on.
3) Dial [9] X X on the dial pad. XX = the number of the station(s) to be programmed. NOTE: For multiple station programming, refer to Paragraph 02.20.	SPKR LED flashes continuously. CO LEDs indicate present data.
NOTES: 1. Any station(s) designated to ring must be a	gned to ring for any given CO line. If more are
 4) Refer to the System Record Sheet. Using the CO keys, turn their associated LEDs on or off, as required. LED on = Ring in NITE mode. Each CO key/LED represents itself—that is, if CO 1 LED is on, then the station being programmed (XX) will ring when a call comes in on CO 1 in the NITE mode, etc. 	An X on the record sheet means the LED should be on: If the LED is already on, depressing its associated key will turn it off and vice-versa. LEDs may be turned off and on until the desired pattern is set.
5) Depress the [HOLD] key to place new data in memory.	All station 17 LEDs (except MW/FL) go off. New data is stored, previous data is erased.
6A) Return to Step 2 in order to continue with this program or 6B) Go to Step 2 in another program table or 6C) Transfer data into working memory per Paragraph 02.06.	SET LED goes off.
	Station 17 MW/FL LED goes off.

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- · Station option data (with the exception of CO line access assignments) are written into the main data memory; therefore, all changes are effective immediately after the HOLD key is depressed. However, it is recommended that the data transfer procedures per Paragraph 02.06 be utilized for added programming protection.
- Data may be secured in working memory 02.06 in one of two ways:
- 1) If the system is not in service, release the SET switch on the MCAU, and cycle (rock) the MPRU power switch off and on to transfer all data into the main data memory. Note, all calls are dropped when this occurs.
- 2) If the system is in service and no calls should be dropped, depress the following keys, in the order given here, on station 17: SPAR -9 WT CO1 CO4 CO3 CO8 CO9 CO 12 CO 13 HOLD . This code will secure the data in working memory without cancelling any calls. Release the SET switch on the MCAU.

Programming CO 18 ~21 02.10

Some Type 1 programs use the CO key/ LEDs to represent themselves. The EKT at station 17 has a maximum of 17 CO line keys in a SERIES XX system, in order to program CO 18~21, it is necessary to dial a ● after the first digit of the program number. CO key/LEDs 1~4 will then function as CO 18~21. For example:

For Program 04:

Dial 🕘 🗗

For Program 7XX: Dial 79 XX

Multiple Station Programming 02.20

- Programs 3XX through 9XX are used 02.21 to select options for individual stations (where XX represents the station number of the station being programmed). To save time, it is possible to program all stations simultaneously or in groups.
- Multiple station programming is accom-02 22 plished by substituting a special group code for the station number part of the program number (XX).

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The codes are:

oo: All stations
ol: Stations 10 ~ 17 0 2: Stations 18 ~ 25 0 3: Stations 26 ~33 Stations 42 ~49 o stations 50 ~57 이간: Stations 58~65

When the multiple station group code 02.23 is entered, the LEDs will display existing data as follows:

Steady LED:

Data is the same for all stations

in dialed group.

Flashing LED:

Data is selected for at least one,

but not all stations in that group.

The state of an LED is altered by de-02.24 pressing its associated key. LEDs that are flashing can be cycled through three states (flashing, on, off) by multiple key depressions, Other LEDs will cycle between on and off states only. Select data as follows:

LED on:

Selects LED "ON" for all the

stations in the group.

LED off:

Selects LED "OFF" for all

the stations in the group.

LED flash:

No change to any station in

the group.

Once the proper data is selected, depress the HOLD key in the usual manner to write it into memory.

02.30 Preparation

- Before SERIES system data can be programmed, option selections must be made and then indicated on the System Record Sheet (shown in Table 1). The Record Sheet, one of which accompanies each MKSU, will then serve as a programming guide and installation record.
- Programming options are grouped accord-02.32 ing to the three categories listed below, with several program numbers associated with each category. A different program number is used for each option or group of options being selected.

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with INT, CO 20 ~ CO 9 (numbered in reverse order), AD 1 ~ AD 5, DND, MW/FL.

- #12 Mark an X next to CO 11 if EKT is equipped with INT, CO 1~CO 12, AD 1~AD 5, DND, MW/FL.
- #11 Mark an X next to CO 10 if EKT is equipped with INT, CO 5~CO 12, AD 1~AD 7, RDL, REP, DND, MW/FL.
- #10 Mark an X next to CO 9 if EKT is equipped with INT, CO 1~CO 8, AD 1~AD 7, RDL, REP, DND, MW/FL.
 - #9 Mark an X next to CO B if EKT is an attendant station (accompanies DSS console) and is equipped with CO 20 ~ CO 1 (numbered in reverse order).
 - #8 Mark an X next to CO 7 if EKT is an attendant station (accompanies DSS console) and is equipped with CO 1 ~ CO 20.
 - #7 Mark an X next to CO 6 if EKT is equipped with INT, CO 20 ~ CO 4 (numbered in reverse order), DND, MW/FL.
 - #6 Mark an X next to CO 5 if EKT is equipped with INT, CO 1 ~ CO 13 plus CO 18 ~ CO 21, DND, MW/FL.
 - #5 Mark an X next to CO 4 if EKT is equipped with INT, CO 1 ~ CO 16 plus CO 21, DND, MW/FL.
 - #4 Mark an X next to CO 3 if EKT is equipped with INT, CO 1~CO 16 plus CO 20, DND. MW/FL.
 - #3 Mark an X next to CO 2 if EKT is equipped with INT, CO 1~CO 16 plus CO 19, DND, MW/FL.
 - #2 Mark an X next to CO 1 if EKT is equipped with INT, CO 1~CO 16 plus CO 18, DND, MW/FL.
 - #1 Mark an X next to INT if EKT is equipped with INT, CO 1∼CO 17, DND, MW/FL.

5XX Program—Station Class of Service

Ten options are selected with this program, using [MT] and [CO] keys to change the status of

their respective LEDs. The selections listed below must be repeated for each station. In all cases, mark an X where indicated.

 Privacy Override—mark an X next to CO 17 if the station is allowed the Privacy Override feature.

NOTE:

A maximum of two stations are permitted to use the Privacy Override feature. If more than two are programmed, only the two lowest numbered stations will be ellowed to use this feature and the others will be ignored.

- DND override—mark an X next to CO 16 if the station is allowed the DND Override feature.
- 3) Group Page D-mark an X next to CO 7 if the station is to be included in Group Page D.
- 4) Group Page C-mark an X next to CO 6 if the station is to be included in Group Page C.
- 5) Group Page 8-mark an X next to CO 5 if the station is to be included in Group Page B.
- 6) Group Page A-mark an X next to CO 4 if the station is to be included in Group Page A.
- Speakerphone—mark an X next to CO 3 if the station is allowed to use the Speakerphone feature.
- Automatic Dialing—mark an X next to CO 2 if the station is allowed the Automatic Dialing feature.
- Automatic Line Preference—mark an X next to CO 1 if the station is allowed the Automatic Line Preference feature.
- All Call—mark an X next to INT if the station is included in an All Call page.

6XX Program—Toll Restriction Classification

Defines type of Toll Restriction that will be functional on individual stations. Selections must

be made for each station:

- Mark an X next to CO 13 if the station will be allowed to dial the #5 4-digit exception code.
- Mark an X next to CO 12 if the station will be allowed to diel the #4 4-digit exception code.
- 3) Mark an X next to CO 11 if the station will be allowed to dial the #3 4-digit exception code.
- 4) Mark an X next to CO 10 if the station will be allowed to dial the #2 4-digit exception code.
- 5) Mark an X next to CO 9 if the station will be allowed to dial the #1 4-digit exception code.
- 6) Mark an X next to CO 8 if the station will be allowed to dial 411.
- 7) Mark an X next to CO 7, if the station will be allowed to diel 911.
- Mark an X next to CO 6 if the station will be allowed to dial 800.

NOTE:

A maximum of eleven digits are allowed if 411, 911, 800 or Exception Code #1, 2 or 3 was dialed first. A maximum of 29 digits are allowed if Exception Code 4 or 5 was dialed first.

- Mark an X next to CO 5 if the station will be restricted from dialing 0 as the first number.
- 10) Mark an X next to CO 4 if the station will be restricted from dialing 0 as the second number.
- Mark an X next to CO 3 if the station will be restricted from dialing 1 as the first number.
- 12) Mark an X next to CO 2 if the station will be restricted from dialing 1 as the second number.
- 13) Mark an X next to CO 1 if the station will be allowed to dial 1 + 7-digit number.
- 14) Mark an X next to INT if the station will be restricted to dialing 7-digit numbers.

NOTES:

- 1. If "Allow 1 + 7 digits" and "Restrict 1 as 1st digit" LEDs are on, Program 6XX will restrict 1 as the first digit and will not allow 1 + 7 digits to be outpulsed.
- 2. If "Allow 1 + 7 digits" and "Allow 7 digits" LEDs are on, Program 6XX will allow 1 + 7 digits or any 7-digit number.
- 3. If "Allow 800" and "Restrict 0 as 2nd digit" LEDs are on, Program 6XX will allow 800 to be outpulsed, but will restrict any other number that has 0 as the second digit.

7XX Program—Station Outgoing Restriction

Restricts a station from outgoing access to any number of CO lines while leaving it free to answer these lines when they are ringing or on hold.

 Selections must be made for each station mark an X next to the CO line that is to have restricted access by the station in question.

8XX Program—CO Ringing Assignments-Day

Selects which CO lines will ring at a given station when the system is in the "DAY" mode,

 Selections must be made for each station mark an X next to each CO line that is to ring at the station in question.

NOTE:

Each line can ring on only eight stations. If more than eight are programmed, only the eight stations with the lowest station numbers will ring.

8#XX Program—CO Ringing Assignments-Day 2

Selects which CO lines will ring at a given station when the system is in the "DAY 2" mode. This program is applicable only when the three ring mode option was selected in Program 03.

 Selections must be made for each station mark an X next to each CO line that is to ring at the station in question.



PROGRAM 6XX-TOLL RESTRICTION CLASSIFICATION

	Classification	Station Number 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31																																
KEY/LED	Caspicador	10	11	12	13	14	15	10	1	7 14	8 1	9	20	21	22	23	24	25	26	27	28	8	8	31	32	33	34	35	36	37	38	39	12)	41
CO 13	Allow Exception Cade #5".							Γ	L	Ţ	ightharpoonup	1	_		L	_	L	1	_	<u> </u>		-	_			⊢		╀	╀	┞	H	\vdash	┝┥	\dashv
CO 12	Allow Exception Code #4"		L			L	┖	↓	1	1	4	4	_		Ļ	╙	┡	┼	⊢	<u> </u>	├	-	—	_	-	┾	┝╌	╁─	⊢	┝	-	Н	H	H
CO 11	Allow Exception Code #3" *		L.	1_	<u> </u>		丄	╄	↓	4	4	4			L	╄	╄	╄╼	┝	-	⊢	├	⊢	⊢	H	⊢	⊢	╆	╁┈	┥	┝┯	H	Н	
CO 10	Allow Exception Code #2"*	L.					L	Ļ	╀	╀	4	4	ᆜ	_	L	}-	╄	╄	-	┡	╄	┝╌	┝	-	┝	┼	╁	╁	┼	┼-	\vdash	┢	H	\vdash
00 9	Allow Exception Code #1**					┖	┸	L	┸	╀	1	4	_		Ļ	╄	╁	╄	-	├	-	┡	<u> </u>	-	┝	┾	╄┈	╁	╀	┼-	⊢	-	╁╌┦	Н
CO 8	Allow 411**	L	L	┸		丄	\perp	\downarrow	1	\downarrow	4	4	_	_	├	╀	╄	╁	┢	╄	╀	├	┝	├─	┝	╆	╀╌	╁	╀	┞	╁╌	┢	╁	H
00 7	Allow 911**	1_	Ĺ	1_	L	\perp		┵	\downarrow	\perp	4	4	_	_	L	╄	↓	╄	╄	-	┡	⊢	-	ŀ	-	╁	╄	╁	╁	+	┢┑	╁	Н	Н
CO 6	Allow 800+*	Τ		1_	L				↓	┸	_	_			Ļ	\perp	╁	╀╌	 —	⊢	╄	╄	⊢	⊢	┝	╁╼	+	╀	╫╌	┼	╁	┢╾	╁	⊣
00 5	Restrict 0 as 1st digit	Τ				1_	L	L	↓	1	\perp	4			Ļ	╄	╀	╄	-	╄	-	╄	⊬	⊢	┥	╁╼	╁	┿	╆	┿	╀	╁	╁┉	Н
CO 4	Restrict 0 as 2nd digit	Τ			L					↓	1	_			ļ.,	╀	╀	<u> </u>	↓_	 	⊢	 -	┝	╀	┝	╀	╁	+	┿	╀	╁	\vdash	┼-	H
CO 3	Restrict Las 1st digit	Ι.						\perp	┸	1	┙			<u> </u>	Ļ	╄	↓_	╀	↓_	╀-	╄	↓ _	┡	├-	_	╀	┢	╅┈	┿	╄	┿	┼	╁╌	╁╾┥
CO 2	Restrict 1 as 2nd digit	Τ	Ι		L	Ţ	1	┖	↓	⅃.	4	_	_	L	Ļ	↓	ļ.	┿	╄	↓_	╀	╀	╄	├ ─	⊢	+	╄	┼	╁	┿	┿	╁	╁╌	╁┤
CO 1	Allow 1 + 7 digits	Τ				I.				\perp	_			L	Ļ	Ļ	4.	┶	 -	╄	╀	╄	┿		╁-	┿	╀	+	┿	╁	╁╌	┿	╁	┯
INT	Allow 7 digits	T	Ī		Ī		Γ	ĺ.	\perp	1				L	L	l		1	_ـــــــــــــــــــــــــــــــــــــ		1					丄	<u>i_</u>	┷	<u></u>	-	Щ	<u> </u>		

KEY/LED	Classification	Station Number							Inter 1 55 56 57 58 59 60 61 62 63 64 6																
MEINER		42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	8	61	62	63	64	65
CO 13	Allow Exception Code #5*																L	L	_	L	L	_	Ŀ	<u> </u>	┶
CO 12	Allow Exception Code #4*							_		<u>L</u>		<u> </u>	<u> </u>		Ļ.,	↓_	!	<u> </u>	_	<u> </u>	!	_	Ь.	⊢	┾
CO 11	Allow Exception Code #3**		Ī	ĺ			L	<u> </u>		L		↓_			ļ.,	L	↓_	<u> </u>	_	ļ.,	-	-	<u> </u>	一	┶
CO 10	Allow Exception Code #2**	T		<u> </u>	L		L		L	L	L	<u>_</u>	<u> </u>	_	_	_	▙	╙	↓ _	<u> </u>	<u> </u>	Ļ	<u> </u>	┝-	╄
CO 9	Allow Exception Code #1**	\top			L		L				L	丄	↓_	L	┖	<u> </u>	┡	┺	╙	ļ	₩	┞	┞	⊢	╄
CO 8	Allow 411**	T					L			L	L		<u> </u>	L.	L	<u> </u>	Ļ.	<u> </u>	Ļ		₩	╙	├	-	╄
CO 7	Allow 911**	Π	Ι.		Ţ			<u> </u>	<u>L</u>			1	<u> </u>	L	_	╙	L	!	_	L	<u> </u>	ļ	↩	₩	₩
8	Allow 800**		I			I		L	L	L	L		╙	L	┖		<u> </u>	\perp		L			_	ـ	↓_
CO 5	Restrict 0 as 1st digit		T	\Box				$oxed{oxed}$	L		L	┺		L	Ļ.	$oldsymbol{igstyle}$	┖	╙	Ļ.,	L	╄	┡	↓	╀	\downarrow
CO 4	Restrict 0 as 2nd digit	Γ		\mathbb{L}	L		L	L		┖	L	_		L	╙	╙	 	↓_	↓_	 	ـــــ	↓_	┡-	╄	+
CO 3	Restrict 1 as 1st digit		Γ			L					L	┺	1	Ļ	┖	↓_	↓_	₽	↓	_	↓_	╄	⊢	⊢	╀
ÇO 2	Restrict 1 as 2nd digit		1.	L	L			L		L	<u> </u>	<u> </u>	1	┖	↓_	┺	١	<u> </u>	↓_	-	1	╄	╄	┢┈	╀
CO 1	Allow 1 + 7 digits			$oxed{\Box}$	I	L		_	┖	Ļ.	┖	╀	$oldsymbol{\perp}$	┺	╄	Ļ	Ļ	+	ļ	-	<u> </u>	٠.	├-	Ļ	+
INT	Allow 7 digits				L	L	L		丄	L	L	1				<u>!</u>	<u>i</u>	\perp		L	上		i	ㅗ	_

X=Select (LED on) Initialized Data; No restrictions

See Program 6XX explanation for order of preference.



^{*29} digits maximum allowed **11 digits maximum allowed

SYSTEM PROGRAMMING SECTION 100-020-300 JUNE 1983

01 INTRODUCTION

01.01 The data governing overall system operation and feature execution for the SERIES XII & XX systems is stored in read-only-memory (ROM) and cannot be altered in the field. However, the data controlling operation of the various options, both system and station, is stored in random-access-memory (RAM) and can easily be changed according to individual installation requirements.

01.02 All SERIES options are controlled by selections made in the system data tables. An initialization process is provided for verifying predetermined system assignments. The installer can then proceed with any necessary changes.

01.03 All system data changes are made via station 17 (as the input-output device), which must be equipped with a 20-key EKT. Whenever the system is placed in the programming mode, the keys on station 17 are used to enter data while its LEDs display the current data. While station 17 is in the programming mode, the remainder of the system may still be used in the usual fashion.

01.04 Internal battery power is provided to prevent loss of system data memory in the event of a power failure.

NOTE:

Whenever a system is installed or the MCAU/AMMU are changed, the system must be initialized. See Paragraph 02.70.

02 PROGRAMMING PROCEDURES

02.00 General

02.01 The SERIES system must be in the programming mode before system data can be verified or altered. With the exception of station 17, normal system functions are not suspended while in the programming mode.

02.02 When the system is in the programming mode, station 17 is used to enter the system data in one of two ways:

NOTE:

Station 17 must be equipped with a 20-key EKT, and all tables and procedures that follow assume station 17 has the "standard" key pattern (INT, CO 1~17, DND and MW/FL).

- In the majority of programs (Type 1), the INT and Co keys are used to change "bits" of system data. The LEDs associated with the INT and Co keys show the status of that "bit" before and after key depression. A particular key and LED will have a different meaning, depending upon the program number being used.
- In Type 2 programs, the dial pad is used to enter data. In this case, the system, using the INT and selected CO LEDs, verifies the entered data by displaying the number in Binary format.

02.03 The programming mode is activated by locking in the SET switch on the MCAU and then depressing the SPAN key on station 17. After the station has been activated, a program number is dialed on the station dial pad, and the system will respond as follows:

Type 1 programs:

Station 17 LEDs will display the existing data in these categories.

Type 2 programs:

CO 10 LED on station 17 will flash continuously. Actual data can be reviewed without alteration by multiple depressions of the key.

02.04 Data can be altered while it is being displayed. To input new data via station 17, perform the following:

Type 1 program:

The state of an LED is altered by depressing its associated key. Depressing the key while the LED is "on" will turn it off and vice-versa.

Type 2 program:

Data is entered via the dial pad. The LEDs will display the data and digit number in Binary format.

- 02.05 Once the desired data is entered and displayed, it is written into memory by depressing the HOLD key on station 17.
 - System and CO line options are written into temporary storage when the HOLD key is depressed. After all changes in these categories have been made, transfer the data into working memory per Paragraph 02.06.

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