

TOSHIBA SYSTEM PRACTICES
ELECTRONIC KEY TELEPHONE SYSTEM

SECTION 100-006-300
SYSTEM PROGRAMMING

StrataVI[®]

SYSTEM PROGRAMMING PROCEDURES

StrataVI

SYSTEM PROGRAMMING PROCEDURES

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01 INTRODUCTION

01.01 The STRATA VI operating system governing overall system operation and feature execution is stored in read-only-memory (ROM) and cannot be altered in the field. The data controlling the 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 STRATA VI 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 with the Electronic Key Telephone (Ext. 17) as the input-output device. Whenever the system is placed in the programming mode, Ext. 17's keys are used to enter data while its LEDs display the current data. After initialization, while Ext. 17 is in the programming mode, the remainder of the system may still be used in the normal fashion.

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

NOTE:

When a system is installed or the MCCU is changed, the system must be initialized. See Paragraph 02.20.

02 PROGRAMMING PROCEDURES

02.01 General

02.02 The STRATA VI system must be placed in the programming mode before system data can be altered. With the exception of Ext. 17, normal system functions are not suspended while the programming mode is active.

02.03 When the system is in the programming mode, Ext. 17 is used to enter the system data in one of two ways:

- 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 operation. 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 CO LEDs, verifies the entered data by displaying the number in a Binary Coded Decimal (BCD) format.

02.04 The programming mode is activated by locking in the SET switch on the MCCU PCB and then operating the [SPKR] key on Ext. 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—the LEDs of Ext. 17 will display the existing data in these categories.
- Type 2 programs—the CO 4 LED on Ext. 17 will flash continuously. Actual data can be reviewed without alteration by multiple operation of the [#] key.

02.05 Data can be altered while it is being displayed. To input new data perform the following:

- Type 1 program—the state of an LED is altered by operating its associated key. Operating the key while the LED is "on" will turn it off and vice-versa.

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- Type 2 program—data is entered via the dial pad. The LEDs on Ext. 17 will display the data and digit number in BCD format.

02.06 Once the desired data is entered and displayed it is written into memory by operating the [HOLD] key on Ext. 17. When the [HOLD] key is depressed, the data is either written into a temporary storage location or the main data memory.

- 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, release the SET switch on the MCCU. All data is then transferred into the main data memory by cycling (rocking) the MTOU power switch off and on.
- 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 MTOU power switch be cycled for added programming protection.

02.10 Preparation

02.11 Before the STRATA VI system data can be programmed, option selections must be made and then listed on the System Record Sheet (shown in Table 1). The Record Sheet will then serve as a programming guide and installation record.

02.12 Programming options are grouped according 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.

• **Program**

• **System Options**

- 01: System Assignments (Basic)
- 02: System Assignments (Options)
- 05: Automatic Recall From Hold Timing

• **CO Line Options**

- 06: Automatic Release From Hold (AROH) Disable
- 07: Automatic Release From Hold Timing
- 10: PBX Backup
- 1X: PBX Access Codes
- 20: Toll Restriction Disable
- 2X: Toll Restriction Exception Codes

• **Station Options**

- 3XX: Station CO Line Access
- 5XX: Station Class of Service
- 6XX: Toll Restriction Class
- 7XX: Station Outgoing Restriction
- 8XX: CO Ringing Assignment-Day
- 9XX: CO Ringing Assignment-Nite

02.13 The System Record Sheet in Table 1 is used to record the assignment of each key/LED for any given program number. For Type 1 programs an "X" placed in the record indicates that the associated LED should be turned on (lit) during the programming process. For Type 2 programs the actual data is recorded.

02.14 Using the System Record Sheet (Table 1) to record the various choices, make the system option selections per the following instructions. Use the tables at the end of this section for detailed programming instructions.

02.15 System Options:

01 Program—System Assignments (Basic)

Six options are selected with this program, using [INT] and [CO] keys to change the status of their respective LEDs. For the options selected, mark an "X" as indicated.

- Extension 10—mark an X next to CO 6 if Ext. 10 is to be used as the message waiting center.
- Extension 11—mark an X next to CO 5 if Ext. 11 is to be used as the message waiting center.
- 3-second Pause Time—mark an X next to CO 2 if a 3-second pause (for dial tone delay) is required after a PBX CO access code is dialed by the Automatic Dialing feature. Leave blank if a 1.5-second pause is sufficient.
- Flash Time—mark an X next to CO 1 if the line-open interval produced by the [MW/FL] key is to be 0.5 seconds for behind PBX operation. Leave blank if the 2.0-second flash for Dial Tone recall is required.
- Ext. 10 DND/NITE Key—mark an X next to INT 2 if the DND/NITE key on Ext. 10 is to be used as a DND key. Leave blank if NITE is required.
- Tone First—mark an X next to INT 1 if Tone First intercom signalling is required. Leave blank if Voice First signalling is required.

NOTE:

1. Only one message center is permitted; if both Ext's 10 and 11 are chosen as message waiting centers, Ext. 10 will have priority.
2. CO 3 & 4 are not used.

02 Program—System Assignments (Options)

Four options are selected with this program by using the [INT] and [CO] keys. For the options that are selected, mark an X as indicated.

- Automatic Dialing-Station—mark an X next to CO 6 if the Automatic Dialing-Station option (CRDU PCB) is installed in the system. Leave blank if the CRDU PCB is not installed.
- Nite Ring Over External Page—mark an X next to CO 1 if Nite Ringing Over External Page is required.
- Background Music over External Page—mark an X next to INT 2 if BGM is to be heard over the External Page circuit.
- External Page with All Call—mark an X next to INT 1 if the External Page circuit is to be included in an All Call Page.

NOTE:

CO lines 2, 3, 4, & 5 are not used.

05 Program—Automatic Recall from Hold Timing

Sets the timing for the Automatic Recall from Hold feature.

- If a recall is desired, select a time period of 16-160 seconds and mark an X next to the appropriate key in the System Record Sheet. The times are not accumulative—only one key can be selected.
- If no recall is required, mark an X next to INT 1.

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02.16 CO Line Options

06 Program—Automatic Release on Hold Enable

Selects whether or not the Automatic Release on Hold (AROH) feature is to function on a given CO line; the CO line keys represent themselves.

- Mark an X next to each CO line that **requires** AROH.

07 Program—Automatic Release on Hold Timing

Selects Cross Bar (XB) or ESS timing for the AROH feature using each CO line key to represent itself.

- Mark an X next to each CO line that **requires** XB timing; leave blank if ESS timing is required.

NOTE:

This selection will have no meaning if the AROH feature was rejected in Program 03.

10 Program—PBX Backup

Informs the system if the CO line key is actually connected to a PBX extension line. The system will recognize PBX access codes on selected line(s).

- Mark an X next to each CO line that **is** to be **connected** to a PBX extension line.

1X Program—PBX Access Codes

Informs the system of the access codes used by the PBX that is connected to the lines selected in **Program 10**. The STRATA VI will recognize the access codes and react appropriately for Toll Restriction, Automatic Dialing and Repeat Last Number Dialed.

- Enter the actual access codes (maximum: 4).

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" (do not care) in the second column.*

20 Program—Toll Restriction Disable

Selects whether or not the Toll Restriction feature is to function on a given CO line; the CO line keys represent themselves.

- Mark an X next to each CO line on which Toll Restriction **is not** to function.

2X Program—Toll Restriction Exception Codes

Informs the system of a maximum of five 4-digit codes (area codes or office codes) that **are allowed** to be dialed by Toll Restricted stations.

- Enter the actual 4-digit codes (maximum: 5).

02.17 Station Options

3XX Program—Station CO Line Access

The ability of an individual station to access any of the CO lines is determined by selections made using this program. A station denied access to a CO line by this program will have neither key nor LED functions for that CO line.

- Selections must be repeated for all stations—mark an X next to each

CO line that **is** to be accessed by the station in question.

5XX Program—Station Class of Service

Seven options are selected with this program by using the [INT] 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 6 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, the two lowest numbered extensions will be allowed to use this feature and the others will be ignored.

- DND Override—mark an X next to CO 5 if the station **is allowed** the DND Override feature.
- 20-key EKT—mark an X next to CO 3 if the station **is equipped** with a 20-key EKT.
- Speakerphone—mark an X next to CO 2 if the station **is allowed** to use the Speakerphone feature.
- Automatic Dialing—mark an X next to CO 1 if the station **is allowed** to use the Automatic Dialing feature.
- Automatic Line Preference—mark an X next to INT 2 if the station **is allowed** the Automatic Line Preference feature.
- All Call—mark an X next to INT 1 if the station **is included** in an All Call page.

6XX Program—Toll Restriction Class

Defines the **type** of Toll Restriction that will be functional on individual stations.

- Selections must be made for each station:
 - a) Mark an X next to CO 6 if the station **will be allowed** to dial **411**.
 - b) Mark an X next to CO 5 if the station **will be allowed** to dial [1] plus 7-digit numbers.
 - c) Mark an X next to CO 4 if the station **will be toll restricted**.

7XX Program—Station Outgoing Restriction

Restricts a station from outgoing access to any number of CO lines (1-6) 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, the stations with the lowest extension numbers will ring.

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**9XX Program—CO Ringing Assignment-
Night**

Selects which CO line will ring at a given station when the system is in the "NITE" 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, the stations with the lowest extension numbers will ring.

NOTES:

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SYSTEM RECORD SHEET

TABLE 1-SYSTEM OPTIONS

PROGRAM 01-SYSTEM ASSIGNMENTS (BASIC)

KEY/LED	LED ON	LED OFF
CO 6	M.W.* Ext. 10	Not Equipped
CO 5	M.W.* Ext. 11	Not Equipped
CO 4	--	--
CO 3	--	--
CO 2	3-sec. Pause	1.5-sec. Pause
CO 1	0.5-second Flash	2-sec. Flash
INT 2	Ext. 10 DND Key	NITE
INT 1	Tone First	Voice First

*Message Waiting Center

X=Select (LED on)

Initialized Data: All LEDs off except CO 6

NOTE:

Only one message center is permitted; if both Ext's 10 and 11 are chosen as Message Waiting Centers, Ext. 10 will have priority.

PROGRAM 02-SYSTEM ASSIGNMENTS (OPTION)

KEY/LED	LED ON	LED OFF
CO 6	Auto Dial (Station)	Not Equipped
CO 5	--	--
CO 4	--	--
CO 3	--	--
CO 2	--	--
CO 1	Nite Ring/Ext. Page	Not Equipped
INT 2	BGM/Ext. Page	Not Equipped
INT 1	Ext. Page W/All Call	Ext. Page Not Included

X=Select (LED on)

Initialized Data: All LEDs off except CO 6

PROGRAM 05-AUTOMATIC RECALL FROM HOLD TIMING

KEY/LED	TIME
CO 6	150 Seconds
CO 5	128 Seconds
CO 4	96 Seconds
CO 3	64 Seconds
CO 2	48 Seconds
CO 1	32 Seconds
INT 2	16 Seconds
INT 1	No Recall

X=Select (LED on)

Initialized Data: 32 seconds

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CO LINE OPTIONS

PROGRAM 06
AUTO RELEASE
ON HOLD ENABLE

CO 6	
CO 5	
CO 4	
CO 3	
CO 2	
CO 1	

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

PROGRAM 07
AUTO RELEASE
ON HOLD TIMING

CO 6	
CO 5	
CO 4	
CO 3	
CO 2	
CO 1	

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

PROGRAM 10
PBX BACKUP

CO 6	
CO 5	
CO 4	
CO 3	
CO 2	
CO 1	

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

PROGRAM 1X—PBX ACCESS CODES

Code	1st digit	2nd digit
#1 (11)		
#2 (12)		
#3 (13)		
#4 (14)		

Enter Access Codes (Max: 4)
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" (do not care) in the 2nd column.

PROGRAM 20-TOLL RESTRICTION DISABLE

CO 6	
CO 5	
CO 4	
CO 3	
CO 2	
CO 1	

X=disable (LED on)
Init. Data: All LEDs off

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PROGRAM 2X—TOLL RESTRICTION EXCEPTION CODES

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

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

NOTE:

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

PROGRAM 3XX-STATION CO LINE ACCESS

KEY/LED	Feature	Ext. No.																										
		10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25											
CO 6	Allow Access																											
CO 5	Allow Access																											
CO 4	Allow Access																											
CO 3	Allow Access																											
CO 2	Allow Access																											
CO 1	Allow Access																											

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

PROGRAM 5XX-STATION CLASS OF SERVICE

KEY/LED	Feature	Ext. No.																										
		10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25											
CO 6	Privacy Override Allowed																											
CO 5	DND Override Allowed																											
CO 4	--																											
CO 3	20-key EKT																											
CO 2	Speakerphone Enable																											
CO 1	Auto Dial Allowed																											
INT 2	Auto Line Pref. Allowed																											
INT 1	Include in All Call																											

X=select (LED on)
Initialized Data: CO 1 & 2, INT 1 & 2 LED on; all others off

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PROGRAM 6XX-TOLL RESTRICTION CLASSIFICATION

KEY/LED	Feature	Ext. No.																								
		10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25									
CO 6	Allow 411																									
CO 5	Allow 1 + 7 digits																									
CO 4	Restrict: 1,0 1st digit 1,0 2nd digit More than 7 digits Allow: 911, 800 Exception Codes (Prog 2X)																									
CO 3	--																									
CO 2	--																									
CO 1	--																									

X=Select (LED on) Init. Data: No Restriction

PROGRAM 7XX-STATION OUTGOING RESTRICTION

KEY/LED	Feature	Ext. No.																								
		10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25									
CO 6	Restricted																									
CO 5	Restricted																									
CO 4	Restricted																									
CO 3	Restricted																									
CO 2	Restricted																									
CO 1	Restricted																									

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

PROGRAM 8XX-CO RINGING ASSIGNMENTS-DAY

KEY/LED	Feature	Ext. No.																								
		10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25									
CO 6	Ring in Day																									
CO 5	Ring in Day																									
CO 4	Ring in Day																									
CO 3	Ring in Day																									
CO 2	Ring in Day																									
CO 1	Ring in Day																									

X=select (LED on) Init. Data: Ext 10-all on; all others off

PROGRAM 9XX-CO RINGING ASSIGNMENTS-NITE

KEY/LED	Feature	Ext. No.																								
		10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25									
CO 6	Ring in Nite																									
CO 5	Ring in Nite																									
CO 4	Ring in Nite																									
CO 3	Ring in Nite																									
CO 2	Ring in Nite																									
CO 1	Ring in Nite																									

X=select (LED on) Init. Data: Ext 11-all on; all others off

TABLE 2

PROGRAM 6XX-TOLL RESTRICTION CLASSIFICATION

CLASS/FUNCTIONS	Coding CO Keys		
	4	5	6
CLASS 1: No Restriction			
CLASS 2: Restrict: "0" in 1st or 2nd digit "1" in 2nd digit More than 7 digits total Allow: 911 and 800 Exception Codes-Program 2X* "1" + 7 digits 411	X	X	X
CLASS 3: Restrict: "0" in 1st or 2nd digit "1" in 2nd digit More than 7 digits total Allow: 911 and 800 Exception Codes-Program 2X* "1" + 7 digits	X	X	
CLASS 4: Restrict: "0" in 1st or 2nd digit "1" in 1st or 2nd digit More than 7 digits total Allow: 911 and 800 Exception Codes-Program 2X* 411	X		X
CLASS 5: Restrict: "0" in 1st or 2nd digit "1" in 1st or 2nd digit More than 7 digits total Allow: 911 and 800 Exception Codes-Program 2X*	X		

***NOTE:**

The Exception Codes (4 digits) may be programmed using Program 2X. These codes can be any combination of digits, and will cause Toll Restriction to be bypassed just as with 911 and 800.

02.20 Initialization

02.21 The STRATA VI has a list of standard system data assignments stored in ROM that can be entered at any time by activating the SET switch on the MCCU PCB. The system must be

initialized when it is first installed or whenever the MCCU PCB is changed. This will allow the system to be tested and any faults to be corrected before time is spent on programming. Standard data assignments are listed in Table 3.

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02.22 To initialize the STRATA VI system:

- Make sure the MTOU power switch is in the **ON** position.
- Verify that the battery is connected on the MCCU (and CRDU if equipped) to ensure that data entered after system initialization will not be lost due to power failure. The **SET** LED on the MCCU will not function if the battery on the MCCU is not connected.
- Hold in the **INT** switch on the MCCU. Simultaneously depress the **SET** switch and allow it to lock. Depress and release the **SET** switch again.
- Release the **INT** switch.
- Cycle the MTOU power switch **OFF** and **ON**.
- The system is initialized.

02.23 The Automatic Dialing memory will contain random numbers when the system is powered up initially. To clear the memory; preventing, therefore, meaningless numbers from being dialed, proceed as follows:

02.24 To clear the basic Automatic Dial-System memory (24 numbers):

- Operate the **SET** switch on the MCCU—the MCCU LED and MW/FL LED on Ext. 17 will be on.
- Operate the **[SPKR]** key on Ext. 17—SPKR LED will be on steadily.
- Dial **[#] [*] [*]** on the dial pad—the SPKR LED will flash steadily.

- Operate the following keys: **[INT 1] [CO 1] [CO 3] [CO 5]**—the corresponding LEDs will light steadily.

- Operate the **[HOLD]** key—all Ext. 17 LEDs (except MW/FL) will go off.

- Operate the **SET** switch on the MCCU—the MCCU LED and MW/FL LED on Ext. 17 will go off.

02.25 To clear the optional Automatic Dial-Station memory:

- Operate the **SET** switch on the MCCU—the MCCU LED and MW/FL LED on Ext. 17 will be on.

- Operate the **[SPKR]** key on Ext. 17—SPKR LED will be on steadily.

- Dial **[#] [*] [#]** on the dial pad—SPKR LED will flash steadily.

- Operate the following keys: **[INT 2] [CO 2] [CO 4] [CO 6]**—the corresponding LEDs will light.

- Operate the **[HOLD]** key—all Ext. 17 LEDs (except MW/FL) will go off.

- Operate the **SET** switch on the MCCU—the MCCU LED and MW/FL LED on Ext. 17 will go off.

02.30 System Data Entry

02.31 System Data is entered via Ext. 17 while the system is in the "Programming Mode".

02.32 The system is placed in the Programming Mode by operating the **SET** switch on the MCCU. The LED on the MCCU and the MW/FL LED on Ext. 17 will light when the system is in the programming mode.

02.33 Once the system is in the programming mode, refer to the System Record Sheet for the changes that must

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be made and select the required program number. Refer to the proper table for detailed instructions for using each different program. Each program should be accomplished sequentially

until all necessary changes are made.

02.34 The table numbers for the various programs are:

Title	Program	Table	Page
Initialized Data	—	3	13
System Assignments (Basic)	01	4	15
System Assignments (Options)	02	5	16
Automatic Recall from Hold Timing	05	6	17
AROH Disable	06	7	18
AROH Timing	07	8	19
PBX Backup	10	9	20
PBX Access Codes	1X	10	21
Toll Restriction Disable	20	11	22
Toll Restriction Exception Codes	2X	12	23
Station CO Access	3XX	13	24
Station Class of Service	5XX	14	25
Toll Restriction Class	6XX	15	26
Station Outgoing Restriction	7XX	16	27
CO Ringing Assignments—Day	8XX	17	28
CO Ringing Assignments—Nite	9XX	18	29

TABLE 3

INITIALIZED DATA

SYSTEM OPTIONS

System Assignments (Basic)—01 Program
 Message Waiting Center Ext. 10=Not Equipped
 Message Waiting Center Ext. 11=Not Equipped
 Pause Timing=1.5 seconds
 Flash Key Timing=2 seconds
 Ext. 10 DND/Nite Key=Nite key
 Intercom Signalling=Voice first
 System Assignments (Options)—02 Program
 Automatic Dialing-Station **not equipped**
 Night Ringing **excluded** from External Page
 Background Music **excluded** from External Page

External Page **excluded** from All Call Page
 Automatic Recall From Hold Timing—05 Program
 32 Seconds

CO LINE OPTIONS

Automatic Release On Hold Assignment—06 Program
 Enable—all CO lines
 Automatic Release On Hold Timing—07 Program
 ESS Timing—all CO lines
 PBX Backup—10 Program
 CO Operation—all CO lines
 PBX Access Codes—1X Program
 No Codes Assigned
 Toll Restriction—20 Program
 Restriction Enable—all CO lines

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Toll Restriction Exception Codes-
-2X Program
No Codes Assigned

STATION OPTIONS

Station CO Line Access-3XX Pro-
gram

Access Allowed--all lines, all
stations

Station Class of Service-5XX
Program

All Call--include all stations

Automatic Line Preference--en-
able all stations

Automatic Dialing--allowed all
stations

Speakerphones--allowed all stations
DND Override--not allowed all
stations

Privacy Override--not allowed all
stations

Toll Restriction Class-6XX Program
No Restrictions--all lines, all
stations

Station Outgoing Restrictions--
7XX Program

No Restrictions--all stations

CO Ringing Assignments-Day--8XX
Program

All lines ring Ext. 10

CO Ringing Assignments-Nite--9XX
Program

All lines ring Ext. 11

NOTES :

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TABLE 4

PROGRAM 01—SYSTEM ASSIGNMENTS (BASIC)

1. Operate SET switch on MCCU		LED on MCCU on Ext. 17 MW/FL LED on System is in program mode Normal functions halt on Ext. 17	
2. Operate [SPKR] key on Ext 17		SPKR LED steady on	
3. Dial [0] [1] on dial pad		SPKR LED flashes continuously INT & CO LEDs will be on according to present data	
4. Refer to the System Record Sheet. Using the [INT] and [CO] keys, turn the associated LEDs on or off as required. The detailed meaning of each key/LED is shown below.		An X on the record sheet means the LED should be on If the LED is already on, pushing the associated key will turn it off and vice-versa LEDs may be turned off and on until the desired pattern is set	
Feature	Key/LED	Data Meaning	
		LED on	LED off
Message Waiting Ext. 10	CO 6	Yes	No
Message Waiting Ext. 11	CO 5	Yes	No
Not Used	CO 4	--	--
Not Used	CO 3	--	--
Pause Timing	CO 2	3.0 sec.	1.5 sec.
Flash Key Timing	CO 1	0.5 sec.	2.0 sec.
Ext. 10 DND/Nite Key	INT 2	DND	Nite
ICM Signalling	INT 1	Tone First	Voice First
<p>NOTE:</p> <p>1. <i>Initialized data: All LEDs off except CO 6.</i></p> <p>2. <i>If both Ext's 10 and 11 are chosen as Message Waiting Centers, Ext. 10 will have priority.</i></p>			
5. Operate [HOLD] key to place new data in temporary memory		All Ext. 17 LEDs (except MW/FL) go off	
6A. Go to another program table ...or...			
6B. Operate SET switch on the MCCU and cycle the power switch on the MTOU off and on		LED on MCCU goes off Ext. 17 MW/FL LED goes off New data is stored, previous data is erased	

SECTION 100-006-300
SYSTEM PROGRAMMING

TABLE 5

PROGRAM 02—SYSTEM ASSIGNMENTS (OPTIONS)

1. Operate SET switch on MCCU		LED on MCCU on Ext. 17 MW/FL LED on System is in program mode Normal functions halt on Ext. 17	
2. Operate [SPKR] key on Ext 17		SPKR LED steady on	
3. Dial [0] [2] on dial pad		SPKR LED flashes continuously INT & CO LEDs will be on according to present data	
4. Refer to the System Record Sheet. Using the [INT] and [CO] keys, turn the associated LEDs on or off as required. The detailed meaning of each key/LED is shown below.		An X on the record sheet means the LED should be on If the LED is already on, pushing the associated key will turn it off and vice-versa LEDs may be turned off and on until the desired pattern is set	
Feature	Key/LED	Data Meaning	
		LED on	LED off
Auto Dial-Station	CO 6	Equipped	Not equipped
Not Used	CO 5	--	--
Not Used	CO 4	--	--
Not Used	CO 3	--	--
Not Used	CO 2	--	--
Nite Ring over Ext Page	CO 1	Yes	No
BGM over Ext. Page	INT 2	Yes	No
Ext. Page w/All Call	INT 1	Yes	No
<p>NOTE: Initialized data: All LEDs off except CO 6.</p>			
5. Operate [HOLD] key to place new data in temporary memory		All Ext. 17 LEDs (except MW/FL) go off	
6A. Go to another program table ...or...			
6B. Operate SET switch on the MCCU and cycle the power switch on the MTOU off and on		LED on MCCU goes off Ext. 17 MW/FL LED goes off New data is stored, previous data is erased	

TABLE 6

PROGRAM 05—AUTOMATIC RECALL FROM HOLD TIMING

1. Operate SET switch on MCCU	LED on MCCU on Ext. 17 MW/FL LED on System is in program mode Normal functions halt on Ext. 17																		
2. Operate [SPKR] key on Ext 17	SPKR LED steady on																		
3. Dial [0] [5] on dial pad	SPKR LED flashes continuously INT & CO LEDs will be on according to present data																		
4. Refer to the System Record Sheet. Using the [INT] and [CO] keys, turn the associated LEDs on or off as required. The detailed meaning of each key/LED is shown below.	An X on the record sheet means the LED should be on If the LED is already on, pushing the associated key will turn it off and vice-versa Only one LED is allowed to be on																		
<table border="1"> <thead> <tr> <th data-bbox="211 919 327 947">KEY/LED</th> <th data-bbox="475 919 546 947">TIME</th> </tr> </thead> <tbody> <tr> <td data-bbox="211 947 327 974">CO 6</td> <td data-bbox="398 947 574 974">150 Seconds</td> </tr> <tr> <td data-bbox="211 974 327 1001">CO 5</td> <td data-bbox="398 974 574 1001">128 seconds</td> </tr> <tr> <td data-bbox="211 1001 327 1029">CO 4</td> <td data-bbox="426 1001 574 1029">96 seconds</td> </tr> <tr> <td data-bbox="211 1029 327 1056">CO 3</td> <td data-bbox="426 1029 574 1056">64 seconds</td> </tr> <tr> <td data-bbox="211 1056 327 1083">CO 2</td> <td data-bbox="426 1056 574 1083">48 seconds</td> </tr> <tr> <td data-bbox="211 1083 327 1110">CO 1</td> <td data-bbox="426 1083 574 1110">32 seconds</td> </tr> <tr> <td data-bbox="211 1110 327 1138">INT 2</td> <td data-bbox="426 1110 574 1138">16 seconds</td> </tr> <tr> <td data-bbox="211 1138 327 1165">INT 1</td> <td data-bbox="426 1138 574 1165">No Recall</td> </tr> </tbody> </table>	KEY/LED	TIME	CO 6	150 Seconds	CO 5	128 seconds	CO 4	96 seconds	CO 3	64 seconds	CO 2	48 seconds	CO 1	32 seconds	INT 2	16 seconds	INT 1	No Recall	
KEY/LED	TIME																		
CO 6	150 Seconds																		
CO 5	128 seconds																		
CO 4	96 seconds																		
CO 3	64 seconds																		
CO 2	48 seconds																		
CO 1	32 seconds																		
INT 2	16 seconds																		
INT 1	No Recall																		
5. Operate [HOLD] key to place new data in temporary memory	All Ext. 17 LEDs (except MW/FL) go off																		
6A. Go to another program table ...or...	LED on MCCU goes off Ext. 17 MW/FL LED goes off New data is stored, previous data is erased																		
6B. Operate SET switch on the MCCU and cycle the power switch on the MTOU off and on																			

SECTION 100-006-300
SYSTEM PROGRAMMING

TABLE 7

PROGRAM 06--AUTOMATIC RELEASE ON HOLD ASSIGNMENT

1. Operate SET switch on MCCU	LED on MCCU on Ext. 17 MW/FL LED on System is in program mode Normal functions halt on Ext. 17
2. Operate [SPKR] key on Ext 17	SPKR LED steady on
3. Dial [0] [6] on dial pad	SPKR LED flashes continuously CO LEDs will be on according to present data
4. Refer to the System Record Sheet. Using the [CO] keys, turn the associated LEDs on or off as required. Each CO key/LED represents itself—that is, if CO 1 LED is on, CO 1 will have the AROH function during normal operation. If CO 1 LED is off, AROH will not function on that line.	An X on the record sheet means the LED should be on If the LED is already on, pushing the associated key will turn it off and vice-versa LEDs may be turned off and on until the desired pattern is set
5. Operate [HOLD] key to place new data in temporary memory	All Ext. 17 LEDs (except MW/FL) go off
6A. Go to another program table ...or...	
6B. Operate SET switch on the MCCU and cycle the power switch on the MTOU off and on	LED on MCCU goes off Ext. 17 MW/FL LED goes off New data is stored, previous data is erased

TABLE 8

PROGRAM 07—AUTOMATIC RELEASE ON HOLD (AROH) TIMING

1. Operate SET switch on MCCU	LED on MCCU on Ext. 17 MW/FL LED on System is in program mode Normal functions halt on Ext. 17
2. Operate [SPKR] key on Ext 17	SPKR LED steady on
3. Dial [0] [7] on dial pad	SPKR LED flashes continuously CO LEDs will be on according to present data
4. Refer to the System Record Sheet. Using the [CO] keys, turn the associated LEDs on or off as required. Each CO key/LED represents itself—that is, if CO 1 LED is on, CO 1 will use XB (crossbar) timing for AROH. If CO 1 LED is off, ESS timing will be used on that line.	An X on the record sheet means the LED should be on If the LED is already on, pushing the associated key will turn it off and vice-versa LEDs may be turned off and on until the desired pattern is set
5. Operate [HOLD] key to place new data in temporary memory	All Ext. 17 LEDs (except MW/FL) go off
6A. Go to another program table ...or...	
6B. Operate SET switch on the MCCU and cycle the power switch on the MTOU off and on	LED on MCCU goes off Ext. 17 MW/FL LED goes off New data is stored, previous data is erased

SECTION 100-006-300
SYSTEM PROGRAMMING

TABLE 9

PROGRAM 10—PBX BACK-UP

1. Operate SET switch on MCCU	LED on MCCU on Ext. 17 MW/FL LED on System is in program mode Normal functions halt on Ext. 17
2. Operate [SPKR] key on Ext 17	SPKR LED steady on
3. Dial [1] [0] on dial pad	SPKR LED flashes continuously CO LEDs will be on according to present data
4. Refer to the System Record Sheet. Using the [CO] keys, turn the associated LEDs on or off as required. Each CO key/LED represents itself—that is, if CO 1 LED is on, the system assumes that CO 1 line is connected to a PBX line and will cause features such as Toll Restriction and Automatic Dialing to function accordingly.	An X on the record sheet means the LED should be on If the LED is already on, pushing the associated key will turn it off and vice-versa LEDs may be turned off and on until the desired pattern is set
5. Operate [HOLD] key to place new data in temporary memory	All Ext. 17 LEDs (except MW/FL) go off
6A. Go to another program table ...or...	LED on MCCU goes off Ext. 17 MW/FL LED goes off New data is stored, previous data is erased
6B. Operate SET switch on the MCCU and cycle the power switch on the MTOU off and on	

TABLE 10

PROGRAM 1X--PBX ACCESS CODES

1. Operate SET switch on MCCU	LED on MCCU on Ext. 17 MW/FL LED on System is in program mode Normal functions halt on Ext. 17																																																																																																																				
2. Operate [SPKR] key on Ext 17	SPKR LED steady on																																																																																																																				
3. Dial [1] [X] on dial pad X=1,2,3 or 4—system will store a maximum of 4 access codes. Dial [1] [1] (X=1) to program first access code; [1] [2] (X=2) to program 2nd access code, etc.	SPKR LED flashes continuously CO 4 LED will flash																																																																																																																				
4. Refer to the System Record Sheet. Using the dial pad, enter the required access code (two digits must be entered). • If access code is a single digit, enter [*] as the second digit. • If all combinations following a particular 1st digit are to be considered access codes (e.g., 91,92,93, etc.), operate the [DND] (do not care) key for the 2nd digit.	<p>INT 1 & 2, CO 1 & 2 LEDs will light to display data in Binary Coded Decimal (BCD) format CO 4 & 5 LEDs will light steadily to indicate which digit is being displayed</p> <table border="1" data-bbox="723 756 1159 1024"> <thead> <tr> <th></th> <th>Start</th> <th>1st Digit</th> <th>2nd Digit</th> </tr> </thead> <tbody> <tr> <td>CO 6</td> <td></td> <td></td> <td></td> </tr> <tr> <td>CO 5</td> <td></td> <td></td> <td>Steady</td> </tr> <tr> <td>CO 4</td> <td>Flash</td> <td>Steady</td> <td></td> </tr> <tr> <td>CO 3</td> <td></td> <td></td> <td></td> </tr> <tr> <td>CO 2</td> <td></td> <td>▲</td> <td>▲</td> </tr> <tr> <td>CO 1</td> <td></td> <td>BCD</td> <td>BCD</td> </tr> <tr> <td>INT 2</td> <td></td> <td>Data</td> <td>Data</td> </tr> <tr> <td>INT 1</td> <td></td> <td>▼</td> <td>▼</td> </tr> </tbody> </table> <p>NOTE: a) To review data without changing it, dial [#] twice. The first [#] will display the 1st digit; the second [#] will display the 2nd digit. b) To clear existing data without entering a new number, dial [*] two times.</p> <table border="1" data-bbox="211 1192 801 1327"> <thead> <tr> <th>BCD No's:</th> <th>CO 2</th> <th>CO 1</th> <th>INT 2</th> <th>INT 1</th> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> <th>8</th> <th>9</th> <th>0</th> <th>DND</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> </tr> <tr> <td></td> <td></td> <td></td> <td>X</td> <td>X</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td>X</td> </tr> <tr> <td></td> <td></td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> </tr> <tr> <td></td> <td>X</td> <td>X</td> <td></td> <td></td> <td>X</td> <td>X</td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td>X</td> </tr> </tbody> </table> <p>X=LED on. All LEDs off=No data</p>		Start	1st Digit	2nd Digit	CO 6				CO 5			Steady	CO 4	Flash	Steady		CO 3				CO 2		▲	▲	CO 1		BCD	BCD	INT 2		Data	Data	INT 1		▼	▼	BCD No's:	CO 2	CO 1	INT 2	INT 1	1	2	3	4	5	6	7	8	9	0	DND													X	X	X	X				X	X			X	X	X	X					X			X	X				X	X					X				X	X			X	X			X			X			X
	Start	1st Digit	2nd Digit																																																																																																																		
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INT 1		▼	▼																																																																																																																		
BCD No's:	CO 2	CO 1	INT 2	INT 1	1	2	3	4	5	6	7	8	9	0	DND																																																																																																						
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5. Operate [HOLD] key to place new data in temporary memory	All Ext. 17 LEDs (except MW/FL) go off																																																																																																																				
6A. Go to another program table ...or... 6B. Operate [MW/FL] key to advance to next 1X code ...or... 6C. Operate SET switch on the MCCU and cycle the power switch on the MTOU off and on	LED on MCCU goes off Ext. 17 MW/FL LED goes off New data is stored, previous data is erased																																																																																																																				

SECTION 100-006-300
SYSTEM PROGRAMMING

TABLE 11

PROGRAM 20—TOLL RESTRICTION DISABLE

1. Operate SET switch on MCCU	LED on MCCU on Ext. 17 MW/FL LED on System is in program mode Normal functions halt on Ext. 17
2. Operate [SPKR] key on Ext 17	SPKR LED steady on
3. Dial [2] [0] on dial pad	SPKR LED flashes continuously CO LEDs will be on according to present data
4. Refer to the System Record Sheet. Using the [CO] keys, turn the associated LEDs on or off as required. Each CO key/LED represents itself—that is, if CO 1 LED is off, Toll Restriction will function on CO 1. If CO 1 LED is on, Toll Restriction will not function on CO line #1.	An X on the record sheet means the LED should be on If the LED is already on, pushing the associated key will turn it off and vice-versa LEDs may be turned off and on until the desired pattern is set
5. Operate [HOLD] key to place new data in temporary memory	All Ext. 17 LEDs (except MW/FL) go off
6A. Go to another program table ...or...	
6B. Operate SET switch on the MCCU and cycle the power switch on the MTOU off and on	LED on MCCU goes off Ext. 17 MW/FL LED goes off New data is stored, previous data is erased

TABLE 12
PROGRAM 2X--TOLL RESTRICTION EXCEPTION CODES

1. Operate SET switch on MCCU		LED on MCCU on Ext. 17 MW/FL LED on System is in program mode Normal functions halt on Ext. 17											
2. Operate [SPKR] key on Ext 17		SPKR LED steady on											
3. Dial [2] [X] on dial pad X=1,2,3 or 4--system will store a maximum of 4 access codes. Dial [2] [1] (X=1) to program first access code; [2] [2] (X=2) to program 2nd access code, etc.		SPKR LED flashes continuously CO 4 LED will flash											
4. Refer to the System Record Sheet. Using the dial pad, enter the 4-digit exception code.		INT 1 & 2, CO 1 & 2 LEDs will light to display data in Binary Coded Decimal (BCD) format CO 4 & 5 LEDs will light steadily to indicate which digit is being displayed											
	Start	1st digit	2nd digit	3rd digit	4th digit								
CO 6					Steady								
CO 5			Steady	Steady									
CO 4	Flash	Steady		Steady									
CO 3													
CO 2		BCD data	BCD data	BCD data	BCD data								
CO 1		BCD data	BCD data	BCD data	BCD data								
INT 2		BCD data	BCD data	BCD data	BCD data								
INT 1		BCD data	BCD data	BCD data	BCD data								
<p>NOTE: a) To review data without changing it, dial [#] four times. The first [#] will display the 1st digit; the second [#] will display the 2nd digit, etc. b) To clear existing data without entering a new number, dial [*] four times.</p>													
BCD No's:		1	2	3	4	5	6	7	8	9	0	DND	
CO 2									X	X	X	X	X=LED on.
CO 1				X	X	X	X					X	All LEDs off=No data
INT 2		X	X			X	X			X			
INT 1		X	X	X	X	X	X	X	X			X	
5. Operate [HOLD] key to place new data in temporary memory		All Ext. 17 LEDs (except MW/FL) go off											
6A. Go to another program table ...or...													
6B. Operate [MW/FL] key to advance to next 2X code ...or...													
6C. Operate SET switch on the MCCU and cycle the power switch on the MTOU off and on		LED on MCCU goes off Ext. 17 MW/FL LED goes off New data is stored, previous data is erased											

SECTION 100-006-300
SYSTEM PROGRAMMING

TABLE 13

PROGRAM 3XX—STATION CO LINE ACCESS

1. Operate SET switch on MCCU	LED on MCCU on Ext. 17 MW/FL LED on System is in program mode Normal functions halt on Ext. 17
2. Operate [SPKR] key on Ext 17	SPKR LED steady on
3. Dial [3] [X] [X] on dial pad XX=the extension number of the station to be programmed. <ul style="list-style-type: none"> • Enter [0] [0] if all stations are to be programmed simultaneously • Enter [0] [1] if the eight lower numbered (10-17) stations are to be programmed simultaneously • Enter [0] [2] if the eight higher numbered (18-25) stations are to be programmed simultaneously 	SPKR LED flashes continuously CO LEDs will be on according to present data
4. Refer to the System Record Sheet. Using the [CO] keys, turn the associated LEDs on or off as required. <ul style="list-style-type: none"> • LED on=Access allowed • Each CO key/LED represents itself—that is, if CO 1 LED is on, station being programmed (XX) is allowed access to CO 1 	An X on the record sheet means the LED should be on If the LED is already on, pushing the associated key will turn it off and vice-versa LEDs may be turned off and on until the desired pattern is set
5. Operate [HOLD] key to place new data in temporary memory	All Ext. 17 LEDs (except MW/FL) go off
6A. Go to another program table ...or...	
6B. Operate SET switch on the MCCU and cycle the power switch on the MTOU off and on	LED on MCCU goes off Ext. 17 MW/FL LED goes off New data is stored, old data is erased

TABLE 14

PROGRAM 5XX—STATION CLASS OF SERVICE

1. Operate SET switch on MCCU		LED on MCCU on Ext. 17 MW/FL LED on System is in program mode Normal functions halt on Ext. 17	
2. Operate [SPKR] key on Ext 17		SPKR LED steady on	
3. Dial [5] [X] [X] on dial pad XX=the extension number of the station to be programmed. <ul style="list-style-type: none"> • Enter [0] [0] if all stations are to be programmed simultaneously • Enter [0] [1] if the eight lower numbered (10-17) stations are to be programmed simultaneously • Enter [0] [2] if the eight higher numbered (18-25) stations are to be programmed simultaneously 		SPKR LED flashes continuously INT & CO LEDs will be on according to present data	
4. Refer to the System Record Sheet. Using the [INT] and [CO] keys, turn the associated LEDs on or off as required. The detailed meaning of each key is shown below.		An X on the record sheet means the LED should be on If the LED is already on, pushing the associated key will turn it off and vice-versa LEDs may be turned off and on until the desired pattern is set	
Feature	Key/LED	Data Meaning	
		LED On	LED Off
Privacy Override Allowed	CO 6	Yes	No
DND Override Allowed	CO 5	Yes	No
Not Used	CO 4	--	--
20-key EKT	CO 3	Yes	No
Speakerphone	CO 2	Allowed	Not Allowed
Automatic Dialing	CO 1	Allowed	Not Allowed
Auto Line Preference	INT 2	Allowed	Not Allowed
All Call	INT 1	Include	Exclude
5. Operate [HOLD] key to place new data in memory		All Ext. 17 LEDs (except MW/FL) go off New data is stored, old data is erased	
6A. Go to another program table ...or... 6B. Operate SET switch on the MCCU and cycle the power switch on the MTOU off and on		LED on MCCU goes off Ext. 17 MW/FL LED goes off	

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SYSTEM PROGRAMMING

TABLE 15

PROGRAM 6XX--TOLL RESTRICTION CLASSIFICATION

1. Operate SET switch on MCCU	LED on MCCU on Ext. 17 MW/FL LED on System is in program mode Normal functions halt on Ext. 17								
2. Operate [SPKR] key on Ext 17 3. Dial [6] [X] [X] on dial pad XX=the extension number of the station to be programmed. <ul style="list-style-type: none"> • Enter [0] [0] if all stations are to be programmed simultaneously • Enter [0] [1] if the eight lower numbered (10-17) stations are to be programmed simultaneously • Enter [0] [2] if the eight higher numbered (18-25) stations are to be programmed simultaneously 	SPKR LED steady on SPKR LED flashes continuously CO 4, 5 & 6 LEDs will be on according to present data								
4. Refer to the System Record Sheet. Using CO 4, 5 and 6 keys, turn the associated LEDs on or off as required. The detailed meaning of each key is shown below.	An X on the record sheet means the LED should be on If the LED is already on, pushing the associated key will turn it off and vice-versa LEDs may be turned off and on until the desired pattern is set								
	<table border="1"> <thead> <tr> <th data-bbox="480 1041 649 1068">KEY/LED</th> <th data-bbox="649 1041 1283 1068">Data Meaning (LED on)</th> </tr> </thead> <tbody> <tr> <td data-bbox="480 1068 649 1096">CO 6</td> <td data-bbox="649 1068 1283 1096">Allow: 411</td> </tr> <tr> <td data-bbox="480 1096 649 1123">CO 5</td> <td data-bbox="649 1096 1283 1123">Allow: 1 + 7 digits</td> </tr> <tr> <td data-bbox="480 1123 649 1299">CO 4</td> <td data-bbox="649 1123 1283 1299"> Restrict: 1 or 0 in 1st digit 1 or 0 in 2nd digit More than 7 digits Allow: 911 800 Exception Codes per Program 2X </td> </tr> </tbody> </table>	KEY/LED	Data Meaning (LED on)	CO 6	Allow: 411	CO 5	Allow: 1 + 7 digits	CO 4	Restrict: 1 or 0 in 1st digit 1 or 0 in 2nd digit More than 7 digits Allow: 911 800 Exception Codes per Program 2X
KEY/LED	Data Meaning (LED on)								
CO 6	Allow: 411								
CO 5	Allow: 1 + 7 digits								
CO 4	Restrict: 1 or 0 in 1st digit 1 or 0 in 2nd digit More than 7 digits Allow: 911 800 Exception Codes per Program 2X								
5. Operate [HOLD] key to place new data in memory	All Ext. 17 LEDs (except MW/FL) go off New data is stored, old data is erased								
6A. Go to another program table ...or... 6B. Operate SET switch on the MCCU and cycle the power switch on the MTOU off and on	LED on MCCU goes off Ext. 17 MW/FL LED goes off								

TABLE 16

PROGRAM 7XX—STATION OUTGOING RESTRICTION

<p>1. Operate SET switch on MCCU</p>	<p>LED on MCCU on Ext. 17 MW/FL LED on System is in program mode Normal functions halt on Ext. 17</p>
<p>2. Operate [SPKR] key on Ext 17</p> <p>3. Dial [7] [X] [X] on dial pad XX=the extension number of the station to be programmed.</p> <ul style="list-style-type: none"> • Enter [0] [0] if all stations are to be programmed simultaneously • Enter [0] [1] if the eight lower numbered (10-17) stations are to be programmed simultaneously. • Enter [0] [2] if the eight higher numbered (18-25) stations are to be programmed simultaneously 	<p>SPKR LED steady on</p> <p>SPKR LED flashes continuously</p> <p>CO LEDs will be on according to present data</p>
<p>4. Refer to the System Record Sheet. Using the [CO] keys, turn the associated LEDs on or off as required. The detailed meaning of each key is shown below.</p> <ul style="list-style-type: none"> • LED on=Restricted outgoing calls • Each CO key/LED represents itself—that is, if CO 1 LED is on, the station being programmed (XX) is restricted from outgoing calls on CO 1 	<p>An X on the record sheet means the LED should be on</p> <p>If the LED is already on, pushing the associated key will turn it off and vice-versa</p> <p>LEDs may be turned off and on until the desired pattern is set</p>
<p>5. Operate [HOLD] key to place new data in memory</p>	<p>All Ext. 17 LEDs (except MW/FL) go off</p> <p>New data is stored, old data is erased</p>
<p>6A. Go to another program table ...or... 6B. Operate SET switch on the MCCU and cycle the power switch on the MTOU off and on</p>	<p>LED on MCCU goes off</p> <p>Ext. 17 MW/FL LED goes off</p>

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SYSTEM PROGRAMMING

TABLE 17

PROGRAM 8XX-CO RINGING ASSIGNMENTS-DAY

<p>1. Operate SET switch on MCCU</p>	<p>LED on MCCU on Ext. 17 MW/FL LED on System is in program mode Normal functions halt on Ext. 17</p>
<p>2. Operate [SPKR] key on Ext 17</p>	<p>SPKR LED steady on</p>
<p>3. Dial [8] [X] [X] on dial pad XX=the extension number of the station to be programmed.</p> <ul style="list-style-type: none"> • Enter [0] [0] if all stations are to be programmed simultaneously • Enter [0] [1] if the eight lower numbered (10-17) stations are to be programmed simultaneously • Enter [0] [2] if the eight higher numbered (18-25) stations are to be programmed simultaneously <p>NOTE: a) Extension designated to ring must be allowed access by Program 3XX. b) A maximum of 8 stations may be assigned to ring for any given CO line. If more are assigned, the lowest 8 extension numbers will ring and the others will be ignored.</p>	<p>SPKR LED flashes continuously CO LEDs will be on according to present data</p>
<p>4. Refer to the System Record Sheet. Using the [CO] keys, turn the associated LEDs on or off as required.</p> <ul style="list-style-type: none"> • LED on=Ring in DAY mode • Each CO key/LED represents itself—that is, if CO 1 LED is on, station being programmed (XX) will ring when a call comes in on CO 1 in the DAY mode 	<p>An X on the record sheet means the LED should be on If the LED is already on, pushing the associated key will turn it off and vice-versa LEDs may be turned off and on until the desired pattern is set</p>
<p>5. Operate [HOLD] key to place new data in memory</p>	<p>All Ext. 17 LEDs (except MW/FL) go off New data is stored, old data is erased</p>
<p>6A. Go to another program table ...or... 6B. Operate SET switch on the MCCU and cycle the MTOU power switch off and on</p>	<p>LED on MCCU goes off Ext. 17 MW/FL LED goes off</p>

TABLE 18

PROGRAM 9XX—CO RINGING ASSIGNMENTS—NITE

<p>1. Operate SET switch on MCCU</p>	<p>LED on MCCU on Ext. 17 MW/FL LED on System is in program mode Normal functions halt on Ext. 17</p>
<p>2. Operate [SPKR] key on Ext 17</p>	<p>SPKR LED steady on</p>
<p>3. Dial [9] [X] [X] on dial pad XX=the extension number of the station to be programmed.</p> <ul style="list-style-type: none"> • Enter [0] [0] if all stations are to be programmed simultaneously • Enter [0] [1] if the eight lower numbered (10-17) stations are to be programmed simultaneously • Enter [0] [2] if the eight higher numbered (18-25) stations are to be programmed simultaneously 	<p>SPKR LED flashes continuously CO LEDs will be on according to present data</p>
<p>NOTE:</p> <p>a) Extension designated to ring must be allowed access by Program 3XX.</p> <p>b) A maximum of 8 stations may be assigned to ring for any given CO line. If more are assigned, the lowest 8 extension numbers will ring and the others will ignored.</p>	
<p>4. Refer to the System Record Sheet. Using the [CO] keys, turn the associated LEDs on or off as required.</p> <ul style="list-style-type: none"> • LED on=Ring in DAY mode • Each CO key/LED represents itself—that is, if CO 1 LED is on, station being programmed (XX) will ring when a call comes in on CO 1 in the NITE mode. 	<p>An X on the record sheet means the LED should be on If the LED is already on, pushing the associated key will turn it off and vice-versa LEDs may be turned off and on until the desired pattern is set</p>
<p>5. Operate [HOLD] key to place new data in memory</p>	<p>All Ext. 17 LEDs (except MW/FL) go off New data is stored, old data is erased</p>
<p>6A. Go to another program table ...of...</p>	
<p>6B. Operate SET switch on the MCCU and cycle the power switch on the MTOU off and on</p>	<p>LED on MCCU goes off Ext. 17 MW/FL LED goes off</p>