# REMOTE ADMINISTRATION MAINTENANCE PROCEDURES

## RELEASE 2

# PROGRAMMING PROCEDURES

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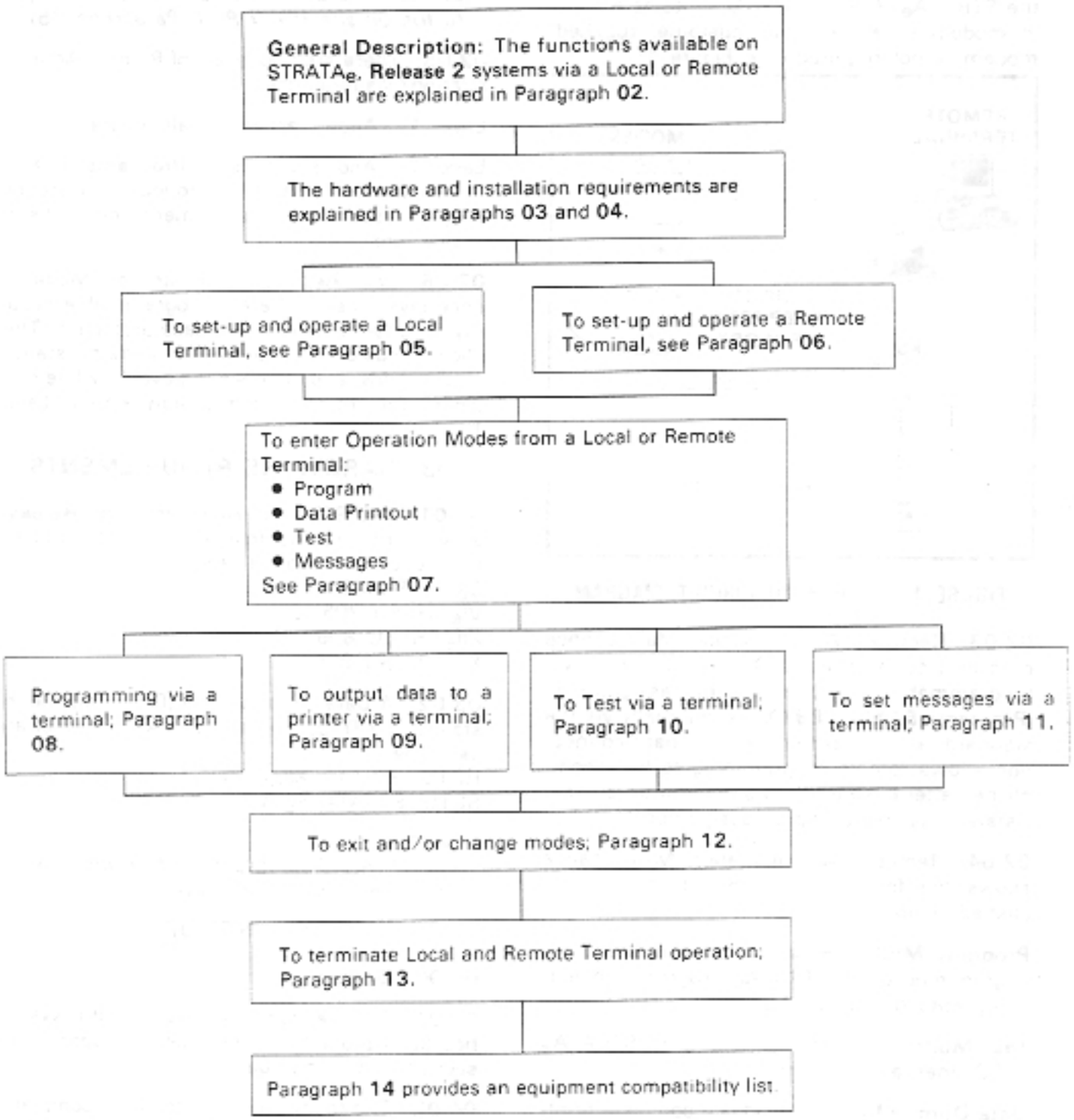
## 01 USING REMOTE ADMINISTRATION/MAINTENANCE

01.01 Table A is provided as a quick reference aid in using this section.

### TABLE A—SECTION FLOWCHART



## 02 GENERAL DESCRIPTION

**02.01** Remote Administration/Maintenance is accomplished with a remote terminal/modem communicating over the public telephone network via a Data Terminal Unit (DTU) installed in the STRATA$_e$ HKSU. The DTU contains a built-in modem so an external, customer-supplied, modem is not required (see Figure 1).

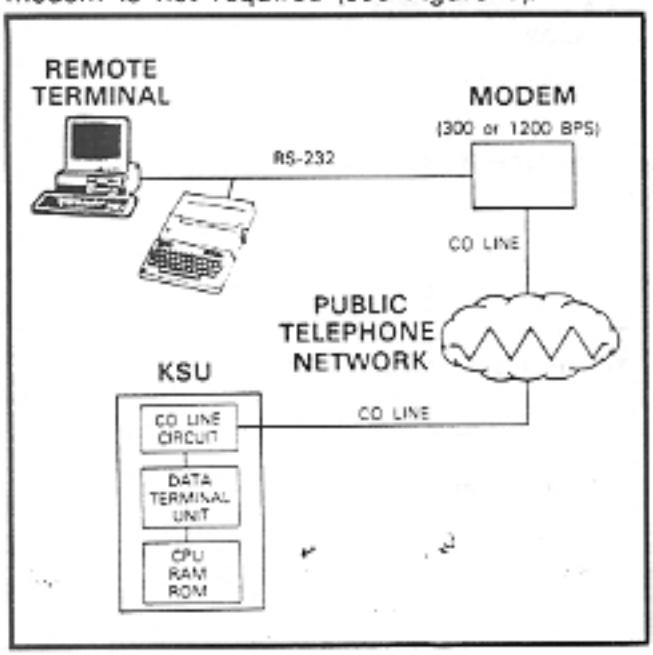



**FIGURE 1—SDTU/HDTU CIRCUIT DIAGRAM**

**02.03** Remote Administration/Maintenance calls may connect to the DTU automatically via programmable CO line ringing assignments (**Programs 81XX ~ 89XX**); or manually via the standard call transfer feature. Automatic connection allows remote programming to be accomplished after business hours without on-site assistance via night ringing assignments.

**02.04** Remote Administration/Maintenance allows the following functions to be accomplished remotely:

**Program Mode:** Provides for complete programming of all STRATA$_e$ programs (including auto dial adds/changes).

**Test Mode:** Provides for testing of STRATA$_e$ CO lines and stations.

**Data Dump Mode:** Provides a complete printout of all or individual STRATA$_e$ customer data base programs.

**Message Mode:** Provides for sending, adding, or changing EKT LCD messages.

*NOTE:*
*For STRATA XII$_e$/XX$_e$ only, all the functions in the preceeding paragraph are also available via a terminal connected directly to the on-site HDTU PCB (Paragraph* **05***).*

**02.05** There are two levels of Remote Administration/Maintenance:

**Level 1:** Allows access to all programs.

**Level 2:** Allows access to **Programs 4XX ~ 9#XX**, which pertain only to individual station options such as key assignments, class of service, etc.

**02.06** Each Remote Administration/Maintenance level has a different programmable security code for customer data base protection. This allows customers to make certain station moves, adds, and changes in Level 2; while protecting the critical system assignments in Level 1.

## 03 HARDWARE REQUIREMENTS

**03.01** The STRATA$_e$ HKSU must be **Release 2**, with one of the following model numbers printed on the cabinet label:
S$_e$: HKSU 605
VI$_e$: HKSU 705
XII$_e$: HKSU 805
XX$_e$: HKSU 905

**03.02** A Data Terminal Unit (DTU) must be installed; the DTUs for each STRATA model are as follows:
HDTU: STRATA XII$_e$/XX$_e$
SDTU: STRATA S$_e$/VI$_e$

*NOTE:*
*For STRATA XII$_e$/XX$_e$, the HCAU and HINU must be model 5 or above.*

## 04 SET-UP

### 04.00 General

**04.01** This section assumes that the system has been properly installed per the appropriate section in this manual.

**04.02** The following items must be completed on-site for Remote Administration/Maintenance to be operational.

### 04.10 Hardware Verification

**04.11** Verify the SDTU/HDTU is installed per instructions in the appropriate installation section of this manual.

*NOTE:*
*The* **SET** *switch on the HDTU should be in the released (out) position.*

### 04.20 Programming

**04.21** Set the DTU bps rate to match that of the terminal via **Program 0#2** using standard STRATA$_e$ programming procedures from station 13/17.

**04.22** If Remote Administration/Maintenance calls are to connect to the DTU automatically, assign the designated CO lines to ring the DTU intercom number (69) in **Programs 81XX ~ 89XX** as required (use standard STRATA$_e$ programming procedures).

**04.23** Program the security codes for Levels 1 and 2 from station 13/17 per Table B.

*NOTE:*
*The security codes are initialized as "0000". These codes may also be changed via a local or remote terminal.*

### 04.30 On-site Testing

**04.31** From any working station, test the functioning of the DTU:

1) Depress the **INT** key.
   - Receive intercom dial tone
2) Dial **6 9**.
   - Receive modem tone from the DTU after a 2-second delay.
3) Depress the **SPKR** key to release.
4) Make an incoming call over each CO line that is programmed to ring the DTU (station 69).
   - Receive modem tone from the DTU after a 2-second delay with each call.

## TABLE B
## PROGRAM 001/002
## SECURITY CODE ENTRY (Levels 1 and 2)
## (LCD EKT REQUIRED)

| | |
|---|---|
| 1) Lock in the **SET** switch. | SET LED on.<br>Station 13/17 LED 19 on.<br>System is in program mode.<br>Normal functions halt on station 13/17.<br>LCD: PROGRAM MODE |
| 2) Depress the **SPKR** key on station 13/17. | SPKR LED steady on.<br>LCD: PROGRAM NO.? |
| 3) Dial **0 0 1** ( **0 0 2** ) on the dial pad. | SPKR LED flashes continuously.<br>LCD: DATA = (indicates present data) |
| 4) Refer to the System Record Sheet. Using the dial pad, enter the 4-digit security code ( **X X X X** —X = 0 ~ 9) | LCD: (displays code entered) |
| 5) Depress the **HOLD** key to place new data in memory. | All station 13/17 LEDs (except 19) go off. |
| 6) Transfer data into working memory by depressing the following keys in the order given: **SPKR # * 3 00 01 04 05 08 09 12 13 HOLD** . | Appropriate LEDs indicate data entered.<br>LCD: (displays codes entered)<br>New data is stored, previous data is erased. |
| 7) Release the **SET** switch. | SET LED goes off.<br>Station 13/17 LED 19 goes off. |

*NOTE:*
*This test checks basic programming and DTU operation, and should be completed before continuing with Remote Administration/Maintenance installation.*

5) If a terminal is to be utilized on-site ($XII_e$/$XX_e$ only), refer to Paragraph **05**.

## 05 LOCAL TERMINAL

### 05.00 Requirements

**05.01** The HKSU must have the HDTU card installed.

**05.02** The local terminal must have an EIA RS-232 interface, communicate in ASCII code at 300 or 1200 bps, a standard typewriter-type keyboard, and display data via a CRT display or printer. A personal computer capable of emulating the described terminal may also be used (see Figure 2 and Paragraph **14**).

**05.03** Operating the terminal, local or remote, is identical. The only difference is the physical connection and the method used to establish initial communications.

### 05.10 Set-up

**05.11** Refer to Figure 2 and verify that the local terminal is connected and set-up as follows:

1) Connect the RS-232 cable to the terminal's connector and the HDTU's female RS-232 connector.

*NOTE:*
*If a personal computer is being used, connect the cable to the serial "COM" port.*

2) Set the terminal baud rate to match the HDTU or vice versa.

3) Set the terminal for "Full Duplex" operation.

4) Set the keyboard for "Caps Lock" on.

5) Set the terminal parameters to:
Word length: 7 bits
Stop bits: 1
Parity: Even

*NOTE:*
*Hereafter, whenever the term "CR" is used, it means the return or enter key, depending on the keyboard being used. "SPACE"*

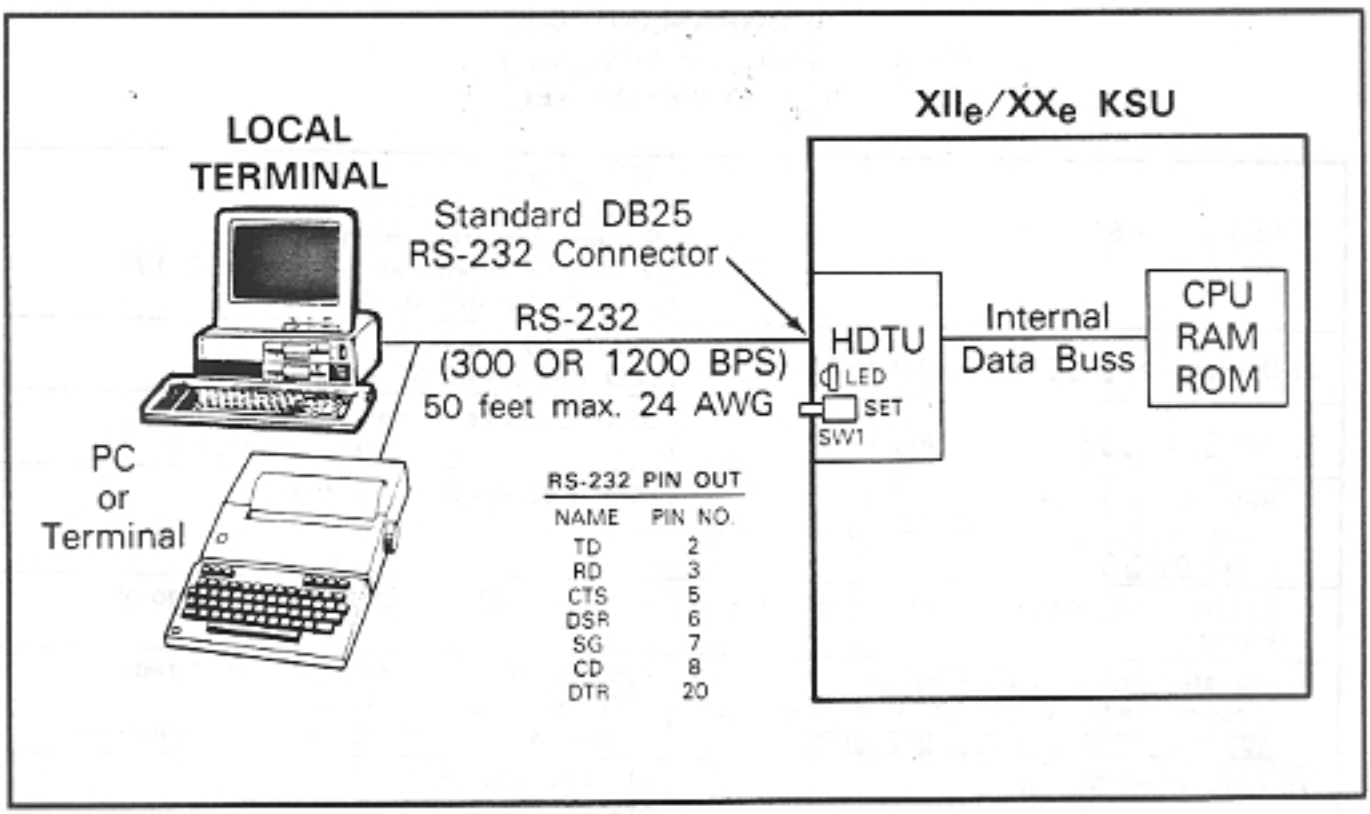



FIGURE 2—LOCAL TERMINAL CONNECTION

*means the space bar. An empty square indicates one of several characters will appear in that location (either on the terminal's screen or in a printout).*

### 05.20 Local Operation

**05.21** Use the procedure below to establish communications between the local terminal and the HDTU so that programming may be accomplished via the terminal.

1) Set-up the terminal as described in Paragraph **05.10**.
2) Verify that the **SET** switch on the HCAU is in the unlocked (out) position and the SET LED is **OFF**.
3) Depress the **SET** switch on the HDTU and allow it to lock (in).
4) Verify that the SET LED is **ON**.
5) Set the terminal to on-line.
6) Set "Caps Lock" on (upper case).
7) Depress CR key.
   - The system responds, and the terminal displays:
     CODE STRATA$_e$ RELEASE:2 REVISION: X#

*NOTE:*
*X = STRATA XII$_e$ or XX$_e$.*
*# = the software revision number.*

8) Type the 4-digit security code, and depress CR.
   - The system responds, and the terminal displays:
     OK
     MODE

*NOTE:*
*The security code can be entered any time the CODE prompt appears.*

9) To continue, go to Paragraph **07**.

## 06 REMOTE TERMINAL SITE

### 06.00 Requirements

**06.01 Terminal:** The terminal must interface with an asysncronous modem, communicate in ASCII code at 300 or 1200 bps, have a standard typewriter-type keyboard, and display data via a CRT display or printer. A personal computer capable of emulating the described terminal may also be used (see Figure 1 and Paragraph **14**).

**06.02 Modem:** The modem must be asysncronous, operate at 300 or 1200 bps and have an RS-232 interface to connect with a terminal or PC (as described in Paragraph **05**). It must interface with the public telephone network and be compatible with Bell 103 or 212 modem specifications.

### 06.10 Set-up

**06.11** Refer to Figure 1 and verify that the remote terminal is connected and set-up as follows:

1) Connect the terminal and modem together with the RS-232 cable.

   *NOTE:*
   *If a personal computer is being used, connect the cable to the serial "COM" port.*

2) Connect the modem line input to a CO/PBX line for access to the public telephone network.
3) Set the terminal and modem baud rate to match the HDTU or vice versa.
4) Set the terminal and modem for "Full Duplex" operation.
5) Set the terminal parameters to:
   Word length: 7 bits
   Stop bits: 1
   Parity: Even

   *NOTE:*
   *Hereafter, whenever the term "CR" is used, it means the return or enter key, depending on the keyboard being used. "SPACE" means the space bar. An empty square indicates one of several characters will appear in that location (either on the terminal's screen or in a printout).*

### 06.20 Remote Operation

**06.21** Automatic connection via ringing assignments: To establish communication between the remote terminal and the DTU, call the number of the system CO line assigned to ring the DTU via the remote terminal/modem set-up:

1) Observe the following:
   - When the CO line rings-in, it will connect

to the DTU and the DTU will respond by returning modem tone to the remote modem.
- The remote modem will return modem tone to the DTU and communication will be established.
- When communication is established, the terminal will display something like: CONNECTED or COMMUNICATIONS (see Note).

2) To continue, enter the security code per Paragraph **06.30**.

**06.23** Manual connection via call transfer:

1) Using a telephone (at the remote location) that can switch to the terminal/modem, dial the number of a system CO line.

2) When the call is answered, request that it be transferred to station 69 (the DTU).

3) After the call is transferred and communication is established with the DTU, switch the call from the telephone to the terminal/modem.

4) Observe the following:
- When the CO line is transferred, it will connect to the DTU.
- The DTU and the remote modem will respond to each other with modem tone and communication is established.
- When communication is established, the terminal will display: CONNECTED or COMMUNICATIONS (see Note)

5) To continue, enter the security code per Paragraph **06.30**.

*NOTE:*
*If the connection is not completed or communication is unsuccessful, the remote terminal will display:*
*NO CARRIER*

6) If this is the case, check that the equipment is installed per Paragraph **05.10** or **06.10** of this section and try again.

### 06.30 Operation

**06.31** Once communication is established between the remote terminal and the DTU, follow the steps below to enter the security code and receive the MODE prompt.

1) Set the keyboard for "Caps Lock" on.

2) Depress the CR key.
- The system responds, and the terminal displays:
  CODE STRATA$_e$ RELEASE:2 REVISION: S#, VI#, or X#

*NOTE:*
*S = STRATA $S_e$*
*V = STRATA $VI_e$*
*X = STRATA $XII_e$ or $XX_e$*
*# = the software revision number*

3) Enter the 4-digit security code and press the CR key.
- The system responds, and the terminal displays:
  OK
  MODE

4) To continue, go to Paragraph **07**.

## 07 MODE SELECTION

### 07.00 Making Selection

**07.01** To enter an operating mode (Program, Data Dump, Test, or Messages), establish communication with the terminal, enter the security code, and depress the CR key to receive the MODE prompt.

*NOTE:*
*Refer to Paragraphs* **05.10** *or* **06.10** *to accomplish the above.*

1) Set the keyboard for "Caps Lock" on (the mode name must be entered in capital letters).

2) At the MODE prompt, enter the desired mode name (Table C).

3) Depress the CR key.

4) Verify the correct prompt return (Table C).

**TABLE C—PROGRAMMING PROMPTS**

| Mode Function | Mode Name | Prompt Return |
|---|---|---|
| Program | PROG | P |
| Data Dump | DUMP | D |
| Test | TEST | T |
| Message | MESG | OK* |

**OK is only displayed once when first entering the Message Mode.*

# 08 PROGRAM MODE

## 08.00 General

**08.01** Data governing overall system operation and feature execution for the systems are 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, are stored in random-access memory (RAM) and can easily be changed according to individual installation requirements.

**08.02** All 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.

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

## 08.10 System Record Sheets

**08.11** Before system data can be programmed, the System Record Sheet which contain the customer data base must be available. (See Paragraph **03** of the appropriate programming section in this manual.)

## 08.20 Program Types

**08.21** There are two types of programs:

**Type 1:** In the majority of programs (Type 1), each key/LED has a different meaning, depending on the program number being used. The status of these data is reviewed, changed, and stored in system memory using Type 1 program procedures.

The terminal displays the data in Type 1 programs as follows:

Y = LED "ON"
N = LED "OFF"
U = In group programs, the LED is "ON" for at least one, but not all stations in the group.

**Type 2:** In this type program, the information shown in the System Record Sheet indicates the data to be stored in system memory. Each program has a different meaning, and the data is reviewed, changed or stored in memory using an individual procedure for each program.

## 08.30 Multiple Station Programming

**08.31** **Programs 3XX ~ 89XX** select options for individual stations (where XX represents the station number(s) being programmed). To save time, it is possible to program all stations or groups of stations simultaneously.

**08.32** Multiple station programming is accomplished by substituting a special group code for the station number part (XX) of the program.

**00:** All stations; all systems
**01:** Stations 10 ~ 17
**02:** Stations 18 ~ 25
} $VI_e$, $XII_e$, $XX_e$
**03:** Stations 26 ~ 33
**04:** Stations 34 ~ 41
} $XII_e$, $XX_e$
**05:** Stations 42 ~ 49
**06:** Stations 50 ~ 57
**07:** Stations 58 ~ 65
} $XX_e$

**08.33** When the multiple station group code is entered, the terminal displays existing data as follows:

**Y or N:** Data is the same for all stations in the dialed group.

**U:** Data is selected for at least one, but not all stations in that group.

**08.34** To store data in temporary memory and exit the current program: At any time when in the programming mode, press the CR key.

**08.35** To store data in working memory: At the "P" prompt, enter #*9$003333 and press the CR key.

***IMPORTANT!***
***Data must be in working memory to affect system operation.***

## 08.40 Programming Procedures

1) Refer to a completed System Record Sheet.

2) Place the terminal into the program mode per Paragraph **07**.

3) Program procedures are categorized and given in the order below. Use these procedures to store System Record Sheet data in working memory.
   a) Initialization Procedures
   b) Type 1 Programs:
      Station Assignments
      System Assignments (Basic/Toll Restriction)

c) Type 2 Programs:
Miscellaneous Program Procedures
Toll Restriction Assignment Procedures
Least Cost Routing (LCR) Assignment Procedures

**08.50 Initialization Procedures**

**08.51** Use the procedure in Table D to clear data in the various memory locations as required. This data must be cleared whenever a system is installed.

**08.60 Type 1 Programs**

**08.61** Use the procedure in Table E to enter data for the following programs.

01: System Assignments (Basic)
0#1: Door Phone Selection
02: System Assignments (Options)
0#2: Account Code Digit Length Modem/ABR/TIE Line/OPX Selection
03: System Assignments (Options)
04: CO Line Outpulsing Selection
05: Automatic Recall From Hold Timing
0#5: Camp-on Timeout
06: Automatic Release On Hold Enable
0#6: Trunk-to-Trunk Connection Enable
07: Automatic Release On Hold Timing
0#7: 1A2 Interface
08: Tenant Service Selection
0#8: Night Ringing Over External Page
09: Single CO Line (Dial 9) Group Selection
09X: CO Line (Dial 91 ~ 98) Group Assignments
0#9: Off-Premises Line Hunting
190: PBX Backup
100: Toll Restriction System Parameters
101: Toll Restriction Disable
102: Forced Account Code Check
3XX: Station CO Line Access
3#XX: HOXB, HMDB, HTIB and HIOB Module Enable
4XX: Station Type Assignment
5XX: Station Class of Service #1
5#XX: Station Class of Service #2
6XX: Station Toll Restriction/LCR Classification
7XX: Station Outgoing Call Restriction
81XX~83XX: CO Ringing Assignments-DAY
84XX~86XX: CO Ringing Assignments-DAY 2
87XX~89XX: CO Ringing Assignments-NIGHT
9#XX: Door Phone Ringing Assignment

**08.62** The following steps outline the procedures found in Table E. Table E and those tables following can then be used as quick reference guides and not detailed step-by-step instruction sheets. The step numbers in this paragraph will also appear in Table E.

*NOTE:*
*Must be in Security Level 1 to perform this example.*

1) Enter Program Mode.

2) Enter the program number. For example, to review or change **Program 0#2**, enter [0] [#] [2].

*NOTE:*
*For group program numbers, see Paragraph* **08.30**.

3) Enter the Key/LED number. For example, Key/LED 00 entry is [0] [0].

*NOTES:*
1. *Always start with the lowest number to be reviewed or changed.*
2. *In programs dealing with CO lines, 01 ~ 21 represent COs 01 ~ 21, respectively.*
3. *The Key/LED status (N, Y or U) is displayed when the entry is made.*

4) Refer to the System Record Sheet and change the Key/LED status if necessary (Y or N). For example, enter [Y].

*NOTE:*
*In group programming, Y or N changes all stations in the selected group.*

5) This is an optional step and is not required to save data. Entering [DEL] [SPACE] will review the previous Key/LED status change.

6) Press [SPACE] to advance upward to next higher Key/LED number. Continue to use [SPACE] to advance as needed.

7A) To exit a program and store data in temporary memory, press [CR].

7B) Continue to return to Step 2 until all data input is completed for the program.

7C) Enter [#] [1] [9] [5] [0] [0] [3] [3] [3] [3] [CR] to store data in working memory.

*NOTE:*
*The steps and/or step numbers may or may not change depending upon the program. This is the sequence followed, however.*

**08.63 Type 2, Miscellaneous Program Procedures:** Use the procedures in Tables F ~ L to enter data for the following programs.

- **4#XX:** Flexible Key Assignments
- **#4:** CO Line Identification
- ***X#:** Flexible Access Code Numbering
- ***XX:** Flexible Intercom Numbering
- **#1XX*YY:** Automatic Dialing (optional)
- **6#XX:** Station-to-Station Hunting
- **19X:** PBX Access Codes

**08.64 Type 2, Toll Restriction Assignment Procedures:** Use the procedures in Tables M ~ V to enter data for the following programs:

- **103:** Equal Access #1
- **104:** OCC Authorization Code Length #1
- **105:** Equal Access #2
- **106:** OCC Authorization Code Length #2
- **108:** Toll Restriction Override Code #1
- **109:** Toll Restriction Override Code #2
- **1X0:** Toll Restriction Class Parameters
- **1XY:** Toll Restriction Class Area Code Entry
- **1XZ:** Toll Restriction Class—Office Code Entry
- **2XY:** Toll Restriction Area/Office Code Exception Table
- **1X1:** Toll Restriction Class Area/Office Code Exception Table Selection

**08.65 Type 2, Lease Cost Routing (LCR) Assignment Procedures:** Use the procedures in Tables W ~ AG to enter data for the following programs.

- **1#00:** LCR Home Area Code
- **1#0X:** LCR Special Codes
- **1#06:** LCR Parameters
- **1#07X:** Select Long Distance Information Route
- **1#08X:** Select Local Call Route
- **1#09:** Dial Zero (0) Timeout
- **1#XY:** LCR Area Code Table
- **1#X8Y:** LCR Route Definition
- **1#X50 ~ 53:** Start Time A Schedule
- **1#X60 ~ 63:** Start Time B Schedule
- **1#X70 ~ 73:** Start Time C Schedule
- **1#9XY:** Modified Digits Table
- **2#XY:** LCR Area/Office Code Exception Table

## 09 DATA DUMP MODE

### 09.00 General

**09.01** This mode allows three types of data to be displayed or output to a printer. 1) STRATA$_e$ Programs (Customer Data Base). 2) Automatic Dialing Numbers (Personal/System). 3) LCD Messages (Personal/System).

**09.02** The three procedures for the Data Dump mode are called: 1) Program Dump. 2) Automatic Dialing Dump. 3) LCD Messages Dump.

**09.03 Program Dump:** While in the dump mode, enter PRG and up to three characters and press CR. The three alphanumeric characters represent a program group or a particular program, i.e., ALL, 0, 1, 1#, 2, 2#, 3, 3#, 4, 4#, 5, 5#, 6, 6#, 7, 81, 84, 87, 9#. For a printout example, see the appropriate programming section in this manual.

*NOTE:*
*Programs are output only in the groups indicated. To printout or review a program not included above, use Program Mode procedures.*

**09.04 Automatic Dialing Dump:** While in the dump mode, enter "REP" and two or three characters and press CR. The characters represent the automatic dialing codes for either an individual station, ALL (all stations and system data) SYS (system data only). For a printout example, see the appropriate programming section in this manual.

**09.05 LCD Messages Dump:** While in the dump mode, enter "MSG" and two or three characters and press CR. The characters represent stored messages for either an individual station, ALL (all stations and system data) SYS (system data only). For a printout example, see Figure 3.

**09.06** Tables AH ~ AJ provide a quick reference to the step-by-step procedures to output the appropriate data.

```
>MODE DUMP
D MSG SYS

   #00   M60   OUT TO LUNCH
   #00   M61   IN A MEETING
   #00   M62   CALL
   #00   M63   BACK AT
   #00   M64   RETURN ON
   #00   M65
   #00   M66
   #00   M67
   #00   M68
   #00   M69
D
```

**FIGURE 3—SAMPLE PRINTOUT OF SYSTEM MESSAGES**

## 10 TEST MODE

### 10.00 General

**10.01** The remote test mode can be used to test STRATA$_e$ stations and CO line circuits from an off-site location.

**10.02** This testing function is accomplished by accessing stations from the remote terminal, and activating various keys on the EKT to make telephone calls, set function keys, change the system time and date, etc. (see Figure 4).

***IMPORTANT!***

***Any EKT key can be activated from the remote terminal at any time while in the Test Mode (even while the end user is using the EKT). Therefore, caution must be used to prevent service interruption or interference. The Test Mode provides status tests to check whether or not a station or CO line is in use. The status checks should always be made before performing other tests.***

### 10.10 CO Line Testing

**10.11** To test CO line transmission, two or three CO lines must be available at the remote site (see Figure 4).

**10.12** CO line testing is accomplished by using all of the following three methods:

1) Call Station B at the remote site via the STRATA system and then place the line on hold (transmission is checked at the remote site via MOH).

2) Establish a talk path between the two remote stations (B & C) via a trunk-to-trunk connection through STRATA.

3) Establish a talk path between a remote station and the time or weather service via a trunk-to-trunk connection through STRATA.

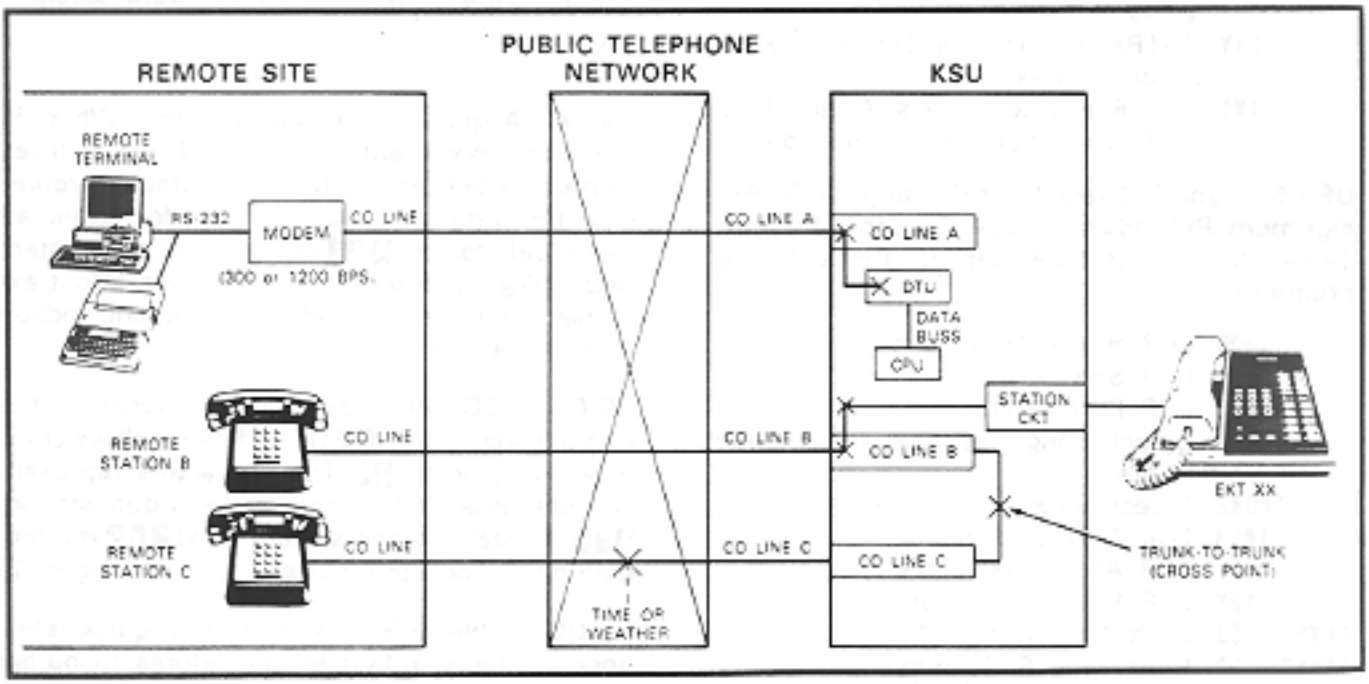



**FIGURE 4—TEST MODE FUNCTION DIAGRAM**

**10.13** The procedures in Tables AK ~ AN provide examples of the types of tests and functions that can be accomplished with the Test Mode. These procedures do not cover all the possible tests that can be performed remotely; however, by using the principles given other tests are possible.

## 11 MESSAGE MODE

### 11.00 General

**11.01** This mode allows a local or remote terminal to set Called and Calling Station LCD messages for station users. The messages may be system or personal and are stored in their respective memory locations when set.

### 11.10 Remote Called Station Message Mode

**11.11** Allows the terminal to set a Called Station Message for an originating station with the destination of the message being a station or group of stations.

**11.12** When the message is set, the MW/FL LED(s) on the destination station(s) flash.

**11.13** When a destination station calls the originating station, the message is displayed on the destination station's LCD.

**Mode 94:** To edit and/or review a Called Station Message before setting it, use this mode. It will printout the existing message and allow additions to it (such as a time or a date) before it is set. (The message cannot be changed with this mode—just added to.)

**Mode 96:** To add or change a Called Station Message before setting it, use this mode. It does not display the existing message, but allows a completely new message to be entered before it is set.

### 11.20 Remote Calling Station Message Mode

**11.21** Allows the terminal to set a Calling Station Message for a station. The message will be set on the station's LCD and is automatically displayed on other stations' LCDs whenever they call that station.

**Mode 95:** To edit and/or review a Calling Station Message before setting it, use this mode. It will display the existing message and allow additions to it (such as a time or a date) before it is set. (The message cannot be changed with this mode—just added to.)

**Mode 97:** To add or change a Calling Station Message before setting it, use this mode. It does not display the existing message, but allows a completely new message to be entered before it is set.

**11.22** Use the procedures in Tables AO ~ AR to set messages via Modes 94/96 and 95/97.

## 12 MODE EXIT

**12.01** Exit the current mode per Paragraph **12.02** and select the desired mode via Paragraph **07**.

**12.02** To exit the PROG, DUMP, or TEST modes:

- At the P, D, or T prompt, enter: Q U I T CR and observe:
  MODE

**12.03** To exit the MESG mode:

- At anytime while in the message mode, enter: m 0 0 and observe:
  MODE

*NOTE:*
*To exit the message mode, the terminal keyboard must be in lower case.*

## 13 DISCONTINUE OPERATION

### 13.00 Local Terminal

**13.01** Exit current operating mode via Paragraph **12** and observe that the MODE prompt is displayed on terminal.

**13.02** To discontinue local terminal operation:

1) Depress and release (out) the **SET** switch on the HDTU.

2) Verify that the HDTU SET LED turns OFF.

***IMPORTANT!***
***If this is not completed, Remote Administration/Maintenance via the HDTU will be blocked.***

### 13.10 Remote Terminal:

**13.11** Exit current operating mode via Paragraph **12** and observe that the MODE prompt is displayed on terminal.

**13.12** To discontinue remote operation:

1) Take the terminal off-line.

2) Verify that the modem drops the line.

## 14 EQUIPMENT COMPATIBILITY

**14.01** This is a list of equipment that is known to be compatible with STRATA$_e$, **Release 2**, Remote Administration/Maintenance. This list does not show all of the equipment that will work, only the equipment that has been proven compatible in the field or lab.

**14.02** As additional equipment is proven compatible, it will be added to an up-dated list.

| TERMINALS | MODEMS | COMPUTERS | SOFTWARE |
|---|---|---|---|
| Texas Instruments Silent 700<br>Panasonic KXD-4920 | Hayes: Smartmodem 1200<br>Universal Data Systems: Model 103J LP<br>U.S. Robotics: Password | Toshiba: T3100/20 & T1100 | Crosstalk |

## TABLE D—INITIALIZATION PROCEDURE

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | **Enter Program Mode**<br>At the >MODE prompt, enter: PROG CR<br>(See Paragraph **05** or **06** to get >MODE prompt.) | >MODE<br>PROG<br>*NOTE:*<br>*P = Program prompt.* |
| 2 | **To Initialize (clear) Automatic Dialing**<br>Stations 10 ~ 33 Enter: #*1S002222 CR<br>Stations 34 ~ 57 Enter: #*2S004444 CR<br>Stations 58 ~ 65 and system Enter: #*3S008888 CR | <br>P #*1 $002222<br>P<br>P #*2 $004444<br>P<br>P #*3 $008888<br>P |
| 3 | **To Initialize (clear) Messages:**<br>System (60 ~ 99) Enter: #*4S001111 CR<br>All personal (10 ~ 19) Enter: #*5S002222 CR | <br>P #*4 $001111<br>P<br>P #*5 $002222<br>P |
| 4 | **To Initialize (clear) Timer Reminders**<br>All stations reminders (05 ~ 09) Enter: #*7S008888 CR | <br>P #*7 $008888<br>P |
| 5 | **To Store Data in Working Memory**<br>At the P prompt, enter: #*9S003333 CR | <br>P #*9 $003333<br>DATA PROGRAMMED<br>P |

*NOTE:*
*The spaces between characters are for clarification only. DO NOT type in spaces!*

## TABLE E—TYPE 1 PROGRAM PROCEDURE EXAMPLE

This procedure shows how to review and/or change Type 1 program data.

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | **Enter Program Mode**<br>At the >MODE prompt, enter: PROG CR | >MODE<br>PROG |
| 2 | **Enter Program Number**<br>Refer to the System Record Sheet and enter the desired program number.<br>Example: **Program 0#2**, enter: 0#2. | <br><br><br>P 0#2 |
| 3 | **Enter Key/LED Number**<br>Enter the desired Key/LED number.<br>Example: Key/LED 00, enter: 00. | <br><br>P 0#2 00 N |
| 4 | **To Change Key/LED Status**<br>Refer to the System Record Sheet and change the Key/LED status, if required (Y or N).<br>Example: Enter Y. | <br><br><br>P 0#2 00 N Y |
| 5 | **To Review Key/LED Status Change**<br>Press: DEL SPACE<br>*NOTE:*<br>*This step is optional and not required to save data.* | <br>P 0#2 00 N Y<br>00 Y |
| 6 | **To Advance To Next Key/LED**<br>Press: SPACE | <br>P 0#2 00 N Y<br>00 Y<br>01 Y |
| 7 | **To Exit Program/Store Data**<br>A) To exit this program and store data in temporary memory, press CR.<br>B) Continue returning to Step 2 until all Type 1 programs are completed.<br>C) If data entries for Type 1 programs are complete, store new data in working memory. Enter: #*9$003333 CR | <br>P<br><br><br>P #*9 $003333<br>DATA PROGRAMMED<br>P |

## TABLE F
## PROGRAM 4#XX—FLEXIBLE KEY ASSIGNMENTS

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | **Enter Program Mode**<br>At the >MODE prompt, enter: PROG CR | >MODE<br>PROG |
| 2 | Enter 4 # X X (XX = the station number or group to be programmed) | P 4#XX |
| 3 | Refer to the System Record Sheet and enter the lowest key/LED to be programmed. The existing feature code is displayed after the number is entered. | P 4#XX □□ □□ |
| 4 | Enter the new feature (see the Feature Code Table).<br>*NOTE:*<br>*Most feature codes are two digits; however, the three keys shown below require more digits.*<br>• *MODEM (80WW): WW = modem station number.*<br>• *DSS (#YY): YY = destination station number.*<br>• *LOCKED AD (*ZZ): ZZ = Auto Dial code.* | P 4#XX □□ □□ □□ |
| 5 | Press SPACE to review the next key. Use Step 4 to enter new code, if necessary. | □□ □□ |
| 6 | Press CR to store data and exit this program. | P |
| 7 | Continue returning to Step 2 until all new station key assignments are complete. | |
| 8 | A) Go to the next program in the Miscellaneous Assignments list<br>. . . or . . .<br>B) Enter: #*9$003333 CR to store data in working memory. | P #*9 $003333<br>DATA PROGRAMMED<br>P |

| CODE | DESCRIPTION | CODE | DESCRIPTION | CODE | DESCRIPTION |
|---|---|---|---|---|---|
| 01 | CO1 | 20 | CO20 | 80 | Modem Key |
| 02 | CO2 | 21 | CO21 | 81 | MSG |
| 03 | CO3 | * | AD Key | 82 | CPU2 |
| 04 | CO4 | 61 | Pooled Line Group 1 | 83 | CPU1 |
| 05 | CO5 | 62 | Pooled Line Group 2 | 84 | CPU |
| 06 | CO6 | 63 | Pooled Line Group 3 | 85 | SAVE |
| 07 | CO7 | 64 | Pooled Line Group 4 | 87 | CFD |
| 08 | CO8 | 65 | Pooled Line Group 5 | 88 | MCO |
| 09 | CO9 | 66 | Pooled Line Group 6 | 90 | TONE |
| 10 | CO10 | 67 | Pooled Line Group 7 | 93 | PRV |
| 11 | CO11 | 68 | Pooled Line Group 8 | 94 | ACB |
| 12 | CO12 | 70 | ABR | 95 | PAU |
| 13 | CO13 | 71 | DP1 (Door Lock) | 96 | RDL |
| 14 | CO14 | 72 | DP2 (Door Lock) | 97 | REP |
| 15 | CO15 | 73 | DP3 (Door Lock) | 98 | DND |
| 16 | CO16 | 74 | DP4 (Door Lock) | 99 | MW/FL |
| 17 | CO17 | 78 | Modem MM/MA | #YY | DSS/BLF |
| 18 | CO18 | 79 | Modem Ans/Call | *ZZ | Locked AD Key |
| 19 | CO19 | | | | |

## TABLE G
## PROGRAM #4—CO LINE IDENTIFICATION

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | **Enter Program Mode**<br>At the >MODE prompt, enter: PROG CR. | >MODE<br>PROG |
| 2 | Enter # 9. | P #4 |
| 3 | Refer to the System Record Sheet and enter the CO line number. | P #4 □□ |
| 4 | Enter the name to be applied to the CO line (16 characters maximum). | □□□□□ |
| 5 | Press CR to store data in temporary memory and exit this program. | P |
| 6 | Continue returning to Step 2 until all data input is complete for this program. | |
| 7 | A) Go to the next program in the Miscellaneous Assignments list<br>. . . or . . .<br>B) Enter: #P9 $003333 CR to store data in working memory. | <br><br><br>P #*9 $003333<br>DATA PROGRAMMED<br>P |

## TABLE H
## PROGRAM *X#—FLEXIBLE ACCESS CODE NUMBERING

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | **Enter Program Mode**<br>At the >MODE prompt, enter: PROG CR | >MODE<br>PROG |
| 2 | Enter * X # (X = existing 1st digit of feature access code). | P *X# □ |
| 3 | Refer to the System Record Sheet and enter the new 1st digit. | P *X# □ □ |
| 4 | Press CR to store data in temporary memory and exit this program. | P |
| 5 | Continue returning to Step 2 until all data input is complete for this program. | |
| 6 | A) Go to the next program in the Miscellaneous Assignments list<br>. . . or . . .<br>B) Enter: #P9 $003333 CR to store data in working memory. | <br><br><br>P #*9 $003333<br>DATA PROGRAMMED<br>P |

## TABLE I

## PROGRAM *XX—FLEXIBLE INTERCOM NUMBERING

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | **Enter Program Mode**<br>At the >MODE prompt, enter: PROG CR | >MODE<br>PROG |
| 2 | Enter * X X (XX = Station Number) | P *XX □□□□ |
| 3 | Refer to the System Record Sheet and enter the new number. | P *XX □□□□ □□□□ |
| 4 | Press CR to store data in temporary memory and exit this program. | P |
| 5 | Continue returning to Step 2 until all data input is complete for this program. | |
| 6 | A) Go to the next program in the Miscellaneous Assignments list<br>. . . or . . .<br>B) Enter: # * 9 $ 0 0 3 3 3 3 CR to store data in working memory. | <br><br><br>P #*9 $003333<br>DATA PROGRAMMED<br>P |

## TABLE J

## PROGRAM #1XX*YY—AUTOMATIC DIALING PROGRAMMING

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | **Enter Program Mode**<br>At the >MODE prompt, enter: PROG CR | >MODE<br>PROG |
| 2 | Enter # 1 X X * Y Y (XX = Station number and YY = Auto dial code).<br>*NOTE:*<br>*To program System Auto Dial numbers, XX must be 10.* | P #1XX *YY □□□□□ *(after YY is entered, an N for no data or previous data is displayed)* |
| 3 | Refer to the System Record Sheet and enter the new data.<br>*NOTE:*<br>*P = pause; F = flash** | □□□□□□□□ . . . (16 max) |
| 4 | Press CR to store data in temporary memory and exit this program. | P |
| 5 | Continue returning to Step 2 until all data input is complete for this program. | |
| 6 | A) Go to the next program in the Miscellaneous Assignments list<br>. . . or . . .<br>B) Enter: # * 9 $ 0 0 3 3 3 3 CR to store data in working memory. | <br><br><br>P #*9 $003333<br>DATA PROGRAMMED<br>P |

** Flash may be programmed on the 1st digit only; or, if the 1st digit is a pause, after 1st digit.*

## TABLE K
## PROGRAM 6#XX—STATION-TO-STATION HUNTING

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | Enter Program Mode<br>At the >MODE prompt, enter: PROG CR | >MODE<br>PROG |
| 2 | Enter 6#XX (XX = Station number). | P 6#XX ☐☐ |
| 3 | Refer to the System Record Sheet and enter the "Hunt" destination number*. | P 6#XX ☐☐ ☐☐ |
| 4 | Press CR to store data in temporary memory and exit this program. | P |
| 5 | Continue returning to Step 2 until all data input is complete for this program. | |
| 6 | A) Go to the next program in the Miscellaneous Assignments list<br>. . . or . . .<br>B) Enter: #*9$003333 CR to store data in working memory. | <br><br><br>P #*9 $003333<br>DATA PROGRAMMED<br>P |

**Press DEL SPACE to program each station to hunt to the next higher staiton, as necessary.*

## TABLE L
## PROGRAM 19X—PBX ACCESS CODE

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | Enter Program Mode<br>At the >MODE prompt, enter: PROG CR | >MODE<br>PROG |
| 2 | Enter 19X (X = 1 – 8) | P 19X ☐☐ (N = No data) |
| 3 | Refer to the System Record Sheet and enter the 1- or 2-digit access code.<br>*NOTE:*<br>*If the access code is one digit, enter N as the second digit.* | P 19X ☐☐ ☐☐ |
| 4 | Press CR to store data in temporary memory and exit this program. | P |
| 5 | Continue returning to Step 2 until all data input is complete for this program. | |
| 6 | A) Go to the next program in the Miscellaneous Assignments list<br>. . . or . . .<br>B) Enter: #*9$003333 CR to store data in working memory. | <br><br><br>P #*9 $003333<br>DATA PROGRAMMED<br>P |

## TABLE M

## PROGRAM 103—EQUAL ACCESS #1

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | **Enter Program Mode**<br>At the >MODE prompt, enter: PROG CR | >MODE<br>PROG |
| 2 | Enter 103 | P 103 □□□□□ |
| 3 | Refer to the System Record Sheet and enter the first five digits of the OCC number.<br>*NOTE:*<br>*Enter N for blank spaces.* | P 103 □□□□□ □□□□□ |
| 4 | Press CR to store data in temporary memory and exit this program. | P |
| 5 | A) Go to the next program in the Toll Restriction Assignments list<br>. . . or . . .<br>B) Enter: #*9$003333CR to store data in working memory. | P #*9 $003333<br>DATA PROGRAMMED<br>P |

## TABLE N

## PROGRAM 104—OCC AUTHORIZATION CODE #1 LENGTH

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | **Enter Program Mode**<br>At the >MODE prompt, enter: PROG CR | >MODE<br>PROG |
| 2 | Enter 104. | P 104 □□ |
| 3 | Refer to the System Record Sheet and enter the quantity of digits needed. | P 104 □□ □□ |
| 4 | Press CR to store data in temporary memory and exit this program. | P |
| 5 | A) Go to the next program in the Toll Restriction Assignments list<br>. . . or . . .<br>B) Enter: #*9$003333CR to store data in working memory. | P #*9 $003333<br>DATA PROGRAMMED<br>P |

## TABLE O
## PROGRAM 105—EQUAL ACCESS #2

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | Enter Program Mode<br>At the >MODE prompt, enter: PROG CR | >MODE<br>PROG |
| 2 | Enter 105. | P 105 □□□□□ |
| 3 | Refer to the System Record Sheet and enter the first five digits of the OCC number. | P 105 □□□□□ □□□□□ |
| 4 | Press CR to store data in temporary memory and exit this program. | P |
| 5 | A) Go to the next program in the Toll Restriction Assignments list<br>. . . or . . .<br>B) Enter: #1*9$003333CR to store data in working memory. | P #*9 $003333<br>DATA PROGRAMMED<br>P |

## TABLE P
## PROGRAM 106—OCC AUTHORIZATION CODE LENGTH #2

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | Enter Program Mode<br>At the >MODE prompt, enter: PROG CR | >MODE<br>PROG |
| 2 | Enter 106. | P 106 □□ |
| 3 | Refer to the System Record Sheet and enter the quantity of digits needed. | P 106 □□ □□ |
| 4 | Press CR to store data in temporary memory and exit this program. | P |
| 5 | A) Go to the next program in the Toll Restriction Assignments list<br>. . . or . . .<br>B) Enter: #1*9$003333CR to store data in working memory. | P #*9 $003333<br>DATA PROGRAMMED<br>P |

## TABLE Q

## PROGRAM 108/109—TOLL RESTRICTION OVERRIDE CODES #1 and #2

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | **Enter Program Mode**<br>At the >MODE prompt, enter: PROG CR. | >MODE<br>PROG |
| 2 | Enter 108 (109). | P 108/109 □□□□ |
| 3 | Refer to the System Record Sheet and enter the new number. | P 108/109 □□□□ □□□□ |
| 4 | Press CR to store data in temporary memory and exit this program. | P |
| 5 | A) Go to the next program in the Toll Restriction Assignments list<br>. . . or . . .<br>B) Enter: #*9$003333CR to store data in working memory. | P #*9 $003333<br>DATA PROGRAMMED<br>P |

*NOTE:*
*These codes may be changed from stations enabled in* **Program 5#XX** *with LED 13 on. The procedure for changing override codes from a station is:*

*From station: Dial #*
*Dial 4-digit code*
*Depress the # key to store the code.*
*From station: Dial #55 (override code #2)*
*Dial 4-digit code*
*Depress the # key to store the code.*

## TABLE R
## PROGRAM 1X0—TOLL RESTRICTION CLASS PARAMETERS

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | **Enter Program Mode**<br>At the >MODE prompt, enter: P R O G CR | >MODE<br>PROG |
| 2 | Enter 1 X 0 (X = class 1 – 4). | P 1X0 |
| 3 | Refer to the System Record Sheet and enter the lowest key/LED to be reviewed or changed. | P 1X0 ☐☐ ☐ |
| 4 | To change the key/LED status, enter Y or N. | P 1X0 ☐☐ ☐ ☐ |
| 5 | Press SPACE to advance to the next key/LED. | ☐☐ ☐ |
| 6 | Use Steps 4 and 5 to review/change each key/LED as needed. | |
| 7 | Press CR to store data in temporary memory and exit this program. | P |
| 8 | Continue returning to Step 2 until all data input is complete for this program. | |
| 9 | A) Go to the next program in the Toll Restriction Assignments list<br>. . . or . . .<br>B) Enter: # 9 $ 0 0 3 3 3 3 CR to store data in working memory. | <br><br><br>P #*9 $003333<br>DATA PROGRAMMED<br>P |

## TABLE S

## PROGRAM 1XY—TOLL RESTRICTION CLASS/AREA CODE ENTRY

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | **Enter Program Mode**<br>At the >MODE prompt, enter: PROG CR | >MODE<br>PROG |
| 2 | Enter 1 X 4 (X = class 1 — 4). | P 1X4 |
| 3 | Press SPACE to page through and review all allowed area codes. | P 1X4<br>ALLOWED □□□ □□□ |
| 4 | Press CR to store data in temporary memory and exit this program. | P |
| 5 | Enter 1 X Y again. Y = 2 (allow) or 3 (deny) in allowing/denying access to area codes. (X = class 1 ~ 4) | P 1XY |
| 6 | Press SPACE to allow for data entry. | ALLOW? OR DENY? |
| 7 | Refer to the System Record Sheet and enter the area code or the area code group. Single □□□, Group □□□-□□□. | ALLOW □□□ □□□<br>OR DENY |
| 8 | Press SPACE to store data in temporary memory and allow for the next entry. | ALLOW? OR DENY? |
| 9 | Continue returning to Step 2 until all data input is complete for this program. | |
| 10 | A) Press SPACE CR when entry is complete<br>. . . or . . .<br>B) Go to the next program in the Toll Restriction Assignments list.<br>. . . or . . .<br>C) Enter: # * 9 $ 0 0 3 3 3 3 CR to store data in working memory. | P<br><br><br><br>P #*9 $003333<br>DATA PROGRAMMED<br>P |

## TABLE T

## PROGRAM 1XZ—TOLL RESTRICTION CLASS/OFFICE CODE ENTRY

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | **Enter Program Mode**<br>At the >MODE prompt, enter: PROG CR | >MODE<br>PROG |
| 2 | Enter 1 X 8 (X = class 1 ~ 4). | P 1X8 |
| 3 | Press SPACE to page through and review all allowed office codes. | P 1X8<br>ALLOWED □□□ □□□ |
| 4 | Press CR to store data in temporary memory and exit this program. | P |
| 5 | Enter 1 X Z again. Z = 6 (allow) or 7 (deny) in allowing/denying access to area codes. (X = class 1 ~ 4) | P 1XY |
| 6 | Press SPACE to allow for data entry. | ALLOW? OR DENY? |
| 7 | Refer to the System Record Sheet and enter the office code or the office code group. Single □□□, Group □□□-□□□. | ALLOW □□□ □□□<br>OR DENY |
| 8 | Press SPACE to store data in temporary memory and allow for the next entry. | ALLOW? OR DENY? |
| 9 | Continue returning to Step 2 until all data input is complete for this program. | |
| 10 | A) Press SPACE CR when entry is complete<br>. . . or . . .<br>B) Go to the next program in the Toll Restriction Assignments list.<br>. . . or . . .<br>C) Enter: # 9 S 0 0 3 3 3 3 CR to store data in working memory. | P<br><br><br><br>P #*9 S003333<br>DATA PROGRAMMED<br>P |

## TABLE U

## PROGRAM 2XY—TOLL RESTRICTION AREA/OFFICE CODE ENTRY

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | **Enter Program Mode**<br>At the >MODE prompt, enter: PROG CR | >MODE<br>PROG |
| 2 | Enter 2X1 (X = Table 1 ~ 8). | P 2X1<br>AREA CODE □□□ |
| 3 | Enter area code. | P 2X1<br>AREA CODE □□□ □□□ |
| 4 | Press CR to store data in temporary memory and exit this program. | P |
| 5 | Enter 2X4 (X = Table 1 ~ 8). | P 2X4 |
| 6 | Press SPACE to page through and review all allowed office codes. | P 2X4<br>EXCEPT □□□ |
| 7 | Press CR to store data in temporary memory and exit this program. | P |
| 8 | Enter 2XY. Y = 2 (allow) or 3 (delete) in allowing/deleting office codes (X = Table 1 ~ 8). | P 2XY |
| 9 | Press SPACE to allow for data entry. | EXCEPT/DELETE |
| 10 | Refer to the System Record Sheet and enter the office code or the office code group. Single □□□, Group □□□;□□□. | EXCEPT □□□ □□□ |
| 11 | Press SPACE to store data in temporary memory and allow for the next entry. | EXCEPT |
| 12 | Continue returning to Step 2 until all data input is complete for this program. | |
| 13 | A) Press SPACE CR when entry is complete<br>. . . or. . .<br>B) Go to the next program in the Toll Restriction Assignments list<br>. . . or . . .<br>C) Enter: #*9$003333 CR to store data in working memory. | P #*9 $003333<br>DATA PROGRAMMED<br>P |

## TABLE V

## PROGRAM 1X1—TOLL RESTRICTION CLASS AREA/OFFICE CODE EXCEPTION TABLE SELECTION

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | **Enter Program Mode**<br>At the >MODE prompt, enter: PROG | >MODE<br>PROG |
| 2 | Enter 1X1 (X = Restriction class 1 ~ 4). | P 1X1 |
| 3 | Refer to the System Record Sheet and enter the key number: NN (NN = 00 ~ 07). | P 1X1 ☐☐ TABLE# ☐ |
| 4 | Enter N or Y. | P 1X1 ☐☐ TABLE# ☐ ☐ |
| 5 | Press SPACE CR to step to the next key/LED if required. | |
| 6 | Press CR to store data in temporary memory and exit this program. | P |
| 7 | Continue returning to Step 2 until all data input is complete for this program. | |
| 8 | A) Go to the next program in the Toll Restriction Assignments list<br>. . . or . . .<br>B) Enter: #*9$003333CR to store data in working memory. | <br><br><br>P #*9 $003333<br>DATA PROGRAMMED<br>P |

## TABLE W

## PROGRAM 1#00—LCR HOME AREA CODE ENTRY

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | **Enter Program Mode**<br>At the >MODE prompt, enter: PROG | >MODE<br>PROG |
| 2 | Enter 1#00 | P 1#00 ☐☐☐ |
| 3 | Refer to the System Record Sheet and enter the system's home area code.<br>*NOTE:*<br>*To clear data, enter:* NNN | P 1#00 ☐☐☐ ☐☐☐ |
| 4 | Press CR to store data in temporary memory and exit this program. | P |
| 5 | A) Go to the next program in the Least Cost Routing Assignments list<br>. . . or . . .<br>B) Enter: #*9$003333CR to store data in working memory. | <br><br><br>P #*9 $003333<br>DATA PROGRAMMED<br>P |

## TABLE X
## PROGRAM 1#0X—LCR SPECIAL CODES

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | **Enter Program Mode**<br>At the >MODE prompt, enter: PROG CR | >MODE<br>PROG |
| 2 | Enter 1#0X (X = Special codes 1 ~ 5). | P 1#0X □□□□ |
| 3 | Refer to the System Record Sheet and enter the desired Special Code.<br>*NOTE:*<br>*If entering a 3-digit code such as 911, enter:* 911N . | P 1#0X □□□□ □□□□ |
| 4 | Press CR to store data in temporary memory and exit this program. | P |
| 5 | Continue returning to Step 2 until all data input is complete for this program. | |
| 6 | A) Go to the next program in the Least Cost Routing Assignments list<br>. . . or . . .<br>B) Enter: #*9$003333CR to store data in working memory. | P #*9 $003333<br>DATA PROGRAMMED<br>P |

## TABLE Y
## PROGRAM 1#06—LCR PARAMETERS

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | **Enter Program Mode**<br>At the >MODE prompt, enter: PROG CR | >MODE<br>PROG |
| 2 | Enter 1#06 . | P 1#06 |
| 3 | Refer to the System Record Sheet and enter the lowest key/LED to be programmed. | P 1#06 □□ □ |
| 4 | Enter N or Y if necessary. | P 1#06 □□ □ □ |
| 5 | Press SPACE to display next key/LED. | □□ □ |
| 6 | Continue returning to Step 4 until all data input is complete for this program. | |
| 7 | Press CR to store data in temporary memory and exit this program. | P |
| 8 | A) Go to the next program in the Least Cost Routing Assignments list<br>. . . or . . .<br>B) Enter: #*9$003333CR to store data in working memory. | P #*9 $003333<br>DATA PROGRAMMED<br>P |

## TABLE Z
## PROGRAM 1#07—LONG DISTANCE INFORMATION ROUTE SELECTION

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | **Enter Program Mode**<br>At the >MODE prompt, enter: PROG CR | >MODE<br>PROG |
| 2 | Enter 1#07. | P 1#07 ☐ |
| 3 | Refer to the System Record Sheet and enter the new Route Table number (1 ~ 8). | P 1#07 ☐ ☐ |
| 4 | Press CR to store data in temporary memory and exit this program. | P |
| 5 | A) Go to the next program in the Least Cost Routing Assignments list<br>. . . or . . .<br>B) Enter: #*9S003333 CR to store data in working memory. | <br><br><br>P #*9 $003333<br>DATA PROGRAMMED<br>P |

## TABLE AA
## PROGRAM 1#08—LOCAL CALL ROUTE SELECTION

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | **Enter Program Mode**<br>At the >MODE prompt, enter: PROG CR | >MODE<br>PROG |
| 2 | Enter 1#08. | P 1#08 ☐ |
| 3 | Refer to the System Record Sheet and enter the new Route Table number (1 ~ 8). | P 1#08 ☐ ☐ |
| 4 | Press CR to store data in temporary memory and exit this program. | P |
| 5 | A) Go to the next program in the Least Cost Routing Assignments list<br>. . . or . . .<br>B) Enter: #*9S003333 CR to store data in working memory. | <br><br><br>P #*9 $003333<br>DATA PROGRAMMED<br>P |

## TABLE AB

## PROGRAM 1#09—DIAL ZERO TIMEOUT

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | **Enter Program Mode**<br>At the >MODE prompt, enter: PROG CR | >MODE<br>PROG |
| 2 | Enter 1#09 | P 1#09 |
| 3 | Refer to the System Record Sheet and enter the lowest key/LED to be programmed. | P 1#09 ☐☐ ☐ |
| 4 | Enter N or Y if necessary. | P 1#09 ☐☐ ☐ ☐ |
| 5 | Press SPACE to display next key/LED. | ☐☐ ☐ |
| 6 | Press CR to store data in temporary memory and exit this program. | P |
| 7 | Continue returning to Step 4 until all data input is complete for this program. | |
| 8 | A) Go to the next program in the Least Cost Routing Assignments list<br>. . . or . . .<br>B) Enter: #1*9\$003333CR to store data in working memory. | P #*9 $003333<br>DATA PROGRAMMED<br>P |

## TABLE AC
## PROGRAM 1#XY—LCR AREA CODE TABLE

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | **Enter Program Mode**<br>At the >MODE prompt, enter: PROG CR | >MODE<br>PROG |
| 2 | Enter 1#X4 (X =Route table number 1 ~ 8). | P 1#X4 |
| 3 | Press SPACE to page through previous data (will be blank if no data). | □□□ |
| 4 | Press CR to store data in temporary memory and exit this program. | P |
| 5 | Enter 1#XY. Y = 2 (set) or 3 (delete) in setting/deleting area codes. (X = Route table number 1 ~ 8) | P 1#XY |
| 6 | Press SPACE to allow data entry. | |
| 7 | Refer to the System Record Sheet and enter the required data. To set: single (□□□) or range (□□□-□□□).<br>*NOTE:*<br>*When Y = 3, the area code must be entered in the range format.* | □□□ |
| 8 | Press SPACE to store data in temporary memory or allow the next entry. | |
| 9 | Continue returning to Step 5 until all data input is complete for this program. | |
| 10 | A) Press SPACE CR when entry is complete<br>. . . or . . .<br>B) Go to the next program in the Least Cost Routing Assignments list<br>. . . or . . .<br>C) Enter: #*9$003333CR to store data in working memory. | P<br><br><br><br>P #*9 $003333<br>DATA PROGRAMMED<br>P |

## TABLE AD
## PROGRAM 1#X8Y—ROUTE DEFINITION GROUP

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | **Enter Program Mode**<br>At the >MODE prompt, enter: PROG CR | >MODE<br>PROG |
| 2 | Enter 1#X8Y. X = Route Table number (1 ~ 8) and Y = Route Definition Group number (1 ~ 4). | P 1#X8 Y □□ |
| 3 | Refer to the System Record Sheet and enter the new data. | P 1#X8 Y □□ □□ |
| 4 | Press CR to store data in temporary memory and exit this program. | P |
| 5 | Continue returning to Step 2 until all data input is complete for this program. | |
| 6 | A) Go to the next program in the Least Cost Routing Assignments list<br>. . . or . . .<br>B) Enter: #*9$003333 CR to store data in working memory. | <br><br><br>P #*9 $003333<br>DATA PROGRAMMED<br>P |

## TABLE AE

## PROGRAMS 1#X50 ~ 53/1#X60 ~ 63/1#X70 ~ 73—LCR START TIME SCHEDULES A/B/C

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | **Enter Program Mode**<br>At the >MODE prompt, enter: PROG CR | >MODE<br>PROG |
| 2 | Enter 1#X50 ( 1#X60 or 1#X70 ). X = Route Table number (1 ~ 8). | P 1#X5 0 |
| 3 | Refer to the System Record Sheet and enter the start time (in 24-hour format) for this route table: HHMM. | P 1#X5 0 □□□□ □□□□ |
| 4 | Press CR to store data in temporary memory and exit this program. | P |
| 5 | Enter 1#X5Y ( 1#X6Y or 1#X7Y ). Y = Priority class 1, 2 or 3. | P 1#X5 □ □□□□ |
| 6 | Refer to the System Record Sheet and enter the Priority class data. | P 1#X5 1 □□□□ □□□□ |
| 7 | Press CR to store data in temporary memory and exit this program.<br>*NOTE:*<br>*Use the same procedure for entering data for* **Programs 1#X60 ~ 63/1#X70 ~ 73** | P |
| 8 | Continue returning to Step 5 until all data input is complete for this program. | |
| 9 | A) Go to the next program in the Least Cost Routing Assignments list<br>. . . or . . .<br>B) Enter: #*9$003333CR to store data in working memory. | P #*9 $003333<br>DATA PROGRAMMED<br>P |

## TABLE AF
## PROGRAM 1#9XY—MODIFIED DIGITS TABLE

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | **Enter Program Mode**<br>At the >MODE prompt, enter: PROG CR. | >MODE<br>PROG |
| 2 | Enter 1#9XY X = Modified Digits table number (1 ~ 6) and Y = 1 (add digits) or 0 (delete digits). | P 1#9X 1 □□ |
| 3 | Refer to the System Record Sheet and enter the digits to be added (22 max).<br>*NOTE:*<br>*To insert pauses press P Y= 1 ~ 8 (2 ~ 16 seconds). Each pause reduces memory by two digits.* | □□□ . . . □□□ (up to 22) |
| 4 | Press CR to store data in temporary memory and exit this program. | P |
| 5 | Enter 1#9X0. | P 1#9X 0 □□ |
| 6 | Refer to the System Record Sheet and enter the quantity of digits to be deleted (00 ~ 10). | P 1#9X 0□□ □□ |
| 7 | Press CR to store data in temporary memory and exit this program. | P |
| 8 | Continue returning to Step 2 until all data input is complete for this program. | |
| 9 | A) Go to the next program in the Least Cost Routing Assignments list<br>. . . or . . .<br>B) Enter: #*9$003333CR to store data in working memory. | <br><br><br>P #*9 $003333<br>DATA PROGRAMMED<br>P |

## TABLE AG
## PROGRAM 2#XY—AREA/OFFICE CODE TABLE

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | **Enter Program Mode**<br>At the >MODE prompt, enter: PROG CR. | >MODE<br>PROG |
| 2 | Enter 2#X0. X = Area/Office Code Table number 1 ~ 8 and Y = 0 (Route Table), 1 (Area Code) or 2 (Office Code). | P 2#X0 □ |
| 3 | Refer to the System Record Sheet and enter the new Route Table number. | P 2#X0 □ □ |
| 4 | Press SPACE CR to store data in temporary memory and exit this program. | P |
| 5 | Enter 2#X1. | P 2#X1 □□□ |
| 6 | Refer to the System Record Sheet and enter the new area code (enter *** to clear data). | P 2#X1 □□□ □□□ |
| 7 | Press SPACE CR to store data in temporary memory and exit this program. | P |
| 8 | Enter 2#X4. | P 2#X4 |
| 9 | Press SPACE to display previous data (blank indicates no data available). | □□□ |
| 10 | Press SPACE CR to store data in temporary memory and exit this program. | P |
| 11 | Enter: 2#XY Y = 2 (set) or 3 (delete) office codes. | P 2#XY |
| 12 | Press SPACE to allow data entry. | |
| 13 | Refer to the System Record Sheet and enter the required data (□□□ or □□□-□□□ | □□□ |
| 14 | Press SPACE to tremporarily store data and allow next entry. | |
| 15 | Continue returning to Step 13 until all codes are entered. | |
| 16 | Press SPACE CR to store data in temporary memory and exit this program. | P |
| 17 | Continue returning to Step 2 until all data input is complete for this program. | |
| 18 | A) Go to the next program in the Least Cost Routing Assignments list<br>. . . or . . .<br>B) Enter: #193003333 CR to store data in working memory. | <br><br><br>P #*9 $003333<br>DATA PROGRAMMED<br>P |

## TABLE AH
## PROGRAM DUMP

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | **Enter the Data Dump Mode**<br>At the >MODE prompt, enter: D U M P CR | >MODE<br>DUMP |
| 2 | **To output Program Data:**<br>Enter: P R G □□□ CR<br>□□□ = Program Group (1 ~ 3 characters—All, 0, 1, 1#, 2, 2#, 3, 3#, 4, 4#, 5, 5#, 6, 6#, 7, 81, 84, 87, 9#). | D PRG □□□ |
| 3 | To stop the printout at any time, enter DEL CR | D |

*NOTE:*
*000000 00000000 00000000*
↑ ↑
*LED 21* *LED 00*

## TABLE AI
## AUTOMATIC DIALING DUMP

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | **Enter the Data Dump Mode**<br>At the >MODE prompt, enter: D U M P CR | >MODE<br>DUMP |
| 2 | **To output Automatic Dialing Data:**<br>Enter: R E P □□□ CR<br>. . . or . . .<br>□□<br>□□□ = All or system<br>□□ = Station number | D REP □□□ |
| 3 | To stop the printout at any time, enter DEL CR | D |

## TABLE AJ
## LCD MESSAGING DUMP

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | **Enter the Data Dump Mode**<br>At the >MODE prompt, enter: DUMP CR | >MODE<br>DUMP |
| 2 | **To output Message Data:**<br>Enter: MSG □□□ CR<br>. . . or . . .<br>□□.<br>□□□ = All or system<br>□□ = Station number | D MSG □□□ |
| 3 | To stop the printout at any time, enter DEL CR | D |

## TABLE AK
## STATION/CO LINE STATUS CHECK

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | **Enter the Test Mode**<br>At the >MODE prompt, enter: TEST CR | >MODE<br>TEST |
| 2 | **To Check Station Line Status:**<br>Enter STXX. XX = Station Number.<br>Possible Status: Idle on-hook, Idle off-hook, Busy on-hook, Busy off-hook.<br>*CAUTION!*<br>***To prevent service interference, station line status must be idle on-hook before initiating a test from that station.*** | T STXX-IDLE-ON-HOOK<br>T |
| 3 | **To Check CO Line Status:**<br>Enter SCOYY. YY = CO line number.<br>Possible Status: Idle, Busy. | T SCOYY-IDLE<br>T |
| 4 | To exit the Test Mode, at the "T" prompt enter QUIT CR | T QUIT<br>>MODE |

## TABLE AL
## GENERAL STATION ACCESS AND KEY ACTIVATION

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | **Enter the Test Mode**<br>At the >MODE prompt, enter: T E S T CR | >MODE<br>TEST |
| 2 | **To Activate a Key:**<br>Enter T X X K Y Y CR . XX = Station number and YY = Key number<br>*NOTE:*<br>*K00 = INT key for all stations except those equipped with DSS consoles.* | T TXX KYY<br>T |
| 3 | **To Activate a Function Key:**<br>Enter T X X F CR . F = Function key designator.<br>SPKR = S<br>HOLD = H<br>CONF = C<br>MIC = M | T TXX F<br>T |
| 4 | **To Dial Special System/Station Codes**<br>(#*51 ~ #*56 sets system time/date, etc.)<br>Enter T X X □□□□□□□□ CR . □ = Dialed characters. | T TXX □□□□□□□□<br>T |
| 5 | **To Access a CO Line (via CO access code) and Dial Out:**<br>Enter T X X K 0 0 A A A □□□□□□□□ CR . AAA = 1-, 2- or 3-digit CO line access code and □ = Telephone number. | T TXX K00 AAA□□□□□□□□<br>T |
| 6 | **To Access a CO Line (via CO line key) and Dial Out:**<br>Enter T X X K Y Y □□□□□□□□ CR . YY = CO line key number. | T TXX KYY □□□□□□□□<br>T |
| 7 | To exit the Test Mode, at the "T" prompt enter Q U I T CR | |

## TABLE AM
## CO LINE TEST

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | **Enter the Test Mode**<br>At the >MODE prompt, enter: TEST CR. | >MODE<br>TEST |
| 2 | **To Verify Station/CO Line Status:**<br>• Station line status, enter: STXX (XX = station number).<br>• CO line status, enter: SCOYY (YY = CO line number). | T STXX-IDLE-ONHOOK<br>T<br>T SCOYY-IDLE |
| 3 | **Call Remote Station B (from STXX and CO line B):**<br>Enter TXXKYY □□□□□□□□ CR (□ = CO line B's telephone number).<br>Answer station B.<br>*NOTE:*<br>*If the system is equipped with MOH, go to Step 4. If the line must be tested via a trunk-to-trunk connection, go to Step 6.* | TTXX KYY□□□□□□□□<br>T |
| 4 | A) Depress the HOLD key on STXX (station B on-hold).<br>Enter TXXH CR<br>B) Listen at station B and check that the transmission from the music source is acceptable.<br>C) Depress the SPKR key on STXX (to release the call).<br>Enter TXXS CR | T TXXH<br>T<br>T TXXS |
| 5 | Continue returning to Step 2 until all CO lines are tested. | |
| 6 | **To Set-up a Trunk-to-trunk Connection:**<br>Depress the CONF key on STXX and enter TXXC CR.<br>*NOTES:*<br>*1. Station B is connected via Steps 2 & 3.*<br>*2. Verify that* **Programs 01, 02** *and* **0#6** *allow trunk-to-trunk connections.*<br>*3. The next step must be completed immediately to avoid dial tone time-out.* | T TXXC<br>T |
| 7 | Call station C (or local time/weather) via CO line C.<br>Enter TXXKYY □□□□□□□□ CR. (YY = CO line C's key number and □ = telephone number of station C or time/weather.)<br>Answer station C (or verify time/weather connection) and go to the next step. | T TXX KYY □□□□□□□□<br>T |
| 8 | Depress the CONF on STXX to establish a trunk-to-trunk connection between COs B and C.<br>Enter TXXC CR<br>Check for clear transmission between stations B and C or station B and time/weather service. | T TXXC<br>T |
| 9 | Depress the SPKR key on STXX to release call.<br>Enter TXXS CR | T TXXS<br>T |
| 10 | Continue returning to Step 2 until all CO lines are tested. | |
| 11 | To exit the Test Mode, at the "T" prompt enter QUIT CR | |

## TABLE AN

## SYSTEM DATE/DAY/TIME SETTING PROCEDURE

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | **Enter the Test Mode**<br>At the >MODE prompt, enter: T E S T CR | >MODE<br>TEST |
| 2 | **To Set Data:**<br>Enter T 1 0 # *5 1 Y Y M M D D # CR (YY = year, MM = month and DD = day of month). | T T10 #*51YYMMDD#<br>T |
| 3 | **To Set Time-of-day:**<br>Enter T 1 0 # *5 2 H H M M S S # CR (HH = hour, MM = minute and SS = second). | T T10 #*52HHMMSS#<br>T |
| 4 | **To Set Day-of-week:**<br>Enter T 1 0 # *5 3 D # CR (D = day-of-week with Sunday = 1 and Saturday = 7). | T T10 #*53D#<br>T |
| 5 | To exit the Test Mode, at the "T" prompt enter Q U I T CR | |

## TABLE AO

## MODE 94: REMOTE CALLED STATION MESSAGING (EDIT/REVIEW)

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | **Enter the Message Mode**<br>At the >MODE prompt, enter: M E S G CR | >MODE<br>OK |
| 2 | **To add to or review a Called Station Message:**<br>Set the terminal keyboard to the lower case (cap lock off) and enter: m 9 4<br>*NOTE:*<br>*Enter "m" (lower case) anytime it is desired to start over in this procedure.* | m94 |
| 3 | Enter: X X (XX = Destination station number or destination group number—80 = All stations, 81 ~ 84 per system **Program 5XX**). | m94 XX |
| 4 | Enter: p Y Y (p = Page command (lower case) and YY = Originating station number). | m94 XX pYY |
| 5 | Enter: p □□ (p = Page command (lower case) and □□ = 2-digit message memory location: 10 ~ 19 = personal messages and 60 ~ 99 = system message).<br>After p □□ is entered, the previously stored message [M] is displayed (if there is no stored message, nothing is displayed). | m94 XX pYY p□□ [M] |
| 6 | **To edit the message [M+]**<br>Set the terminal keyboard to upper case and add to message as required (alphanumber, 32-character max for total message). | m94 XX pYY p□□ [M+] |
| 7 | **To set message:**<br>Set the terminal keyboard to lower case and enter: p m 0<br>**Destination station:** MW/FL LED flashes, "Call YYM" is displayed.<br>**Origination station:** "Sent XXM" is displayed on LCD. | m94 XX pYY p□□ [M+] pm0 |
| 8 | To exit the message mode, at anytime enter m 0 0 (lower case). | m0<br>>MODE |

## TABLE AP

## MODE 96: REMOTE CALLED STATION MESSAGING (NEW/CHANGE)

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | **Enter the Message Mode**<br>At the >MODE prompt, enter: M E S G CR | >MODE<br>OK |
| 2 | **To change or enter a New Called Station Message:**<br>Set the terminal keyboard to lower case (cap lock off) and enter: m 9 3<br>*NOTE:*<br>*Enter "m" (lower case) anytime it is desired to start over in this procedure.* | m96 |
| 3 | Enter: X X (XX = Destination station number or destination station group number—80 = All EKTs, 81 ~ 84 per system **Program 5XX**). | m96 XX |
| 4 | Enter: p Y Y (p = Page command and YY = Originating station number). | m96 XX pYY |
| 5 | Enter: p □□ (p = Page command and □□ = 2-digit message memory location: 10 ~ 19 = personal messages and 60 ~ 99 = system message). | m96 XX pYY p□□ |
| 6 | **Enter new message [M]**<br>Set the terminal keyboard to upper case and enter message as required (alphanumber, 32-character max). New message displays at it is entered. | m96 XX pYY p□□ [M] |
| 7 | **To set the message:**<br>Set the terminal keyboard to lower case and enter: p m 0.<br>**Destination station:** MW/FL LED flashes, "Call YYM" is displayed on LCD.<br>**Origination station:** "Sent XXM" is displayed on LCD. | m96 XX pYY p□□ [M] pm0 |
| 8 | To exit the message mode, at anytime enter m 0 3 (lower case). | m0<br>>MODE |

*NOTE:*
*To cancel called station messages, use this procedure and skip step 6.*

## TABLE AQ

## MODE 95: REMOTE CALLING STATION MESSAGING (EDIT/REVIEW)

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | **Enter the Message Mode**<br>At the >MODE prompt, enter: M E S G CR | >MODE<br>OK |
| 2 | **To add to or review a Calling Station Message:**<br>Set the terminal keyboard to the lower case (cap lock off) and enter: m 9 5<br>*NOTE:*<br>*Enter "m" anytime it is desired to start over in this procedure.* | m95 |
| 3 | Enter: X X (XX = Station number for which the message will be set and stored) | m95 XX |
| 4 | Enter: p ☐☐ (p = Page command and ☐☐ = 2-digit message memory location: 10 ~ 19 = personal messages and 60 ~ 99 = system message).<br>*NOTES:*<br>*1. To store system messages permmantly, EKTXX must be station 10.*<br>*2. After p ☐☐ is entered, the previously stored message is displayed. If there is no stored message, nothing is displayed.* | m95 XX p☐☐ [M] |
| 5 | **To edit the previous message**<br>Set the terminal keyboard to upper case and add to message edit (alphanumber, 32-character max). | m95 XX p☐☐ [M+] |
| 6 | **To set the message on EKTXX's LCD:**<br>Set the terminal keyboard to lower case and enter: p m 1. | m95 XX p☐☐ [M+] pm0 |
| 7 | To exit the message mode, at anytime enter m 0 9 (lower case). | m0<br>>MODE |

## TABLE AR

## MODE 97: REMOTE CALLING STATION MESSAGING (NEW/CHANGE)

| STEP | ACTION | DISPLAY/PRINTOUT |
|---|---|---|
| 1 | **Enter the Message Mode**<br>At the >MODE prompt, enter: M E S G CR. | >MODE<br>OK |
| 2 | **To enter a New Message or change a previously stored message:**<br>Set the terminal keyboard to lower case (cap lock off) and enter: m 9 7.<br>*NOTE:*<br>*Enter "m" at anytime to start over in this procedure.* | m97 |
| 3 | Enter: X X (XX = Station number for which the message will be set and stored. | m97 XX |
| 4 | Enter: p ☐☐ (p = Page command and ☐☐ = 2-digit message memory location: 10 ~ 19 = personal messages and 60 ~ 99 = system message).<br>*NOTE:*<br>*To store system message change permenantly, EKTXX must be station 10.* | m97 XX p☐☐ |
| 5 | **Enter the new message**<br>Set the terminal keyboard to upper case and enter message (alphanumber, 32-character max). New message displays at it is entered. | m97 XX p☐☐ [M] |
| 6 | **To set the message on the EKT's LCD:**<br>Set the terminal keyboard to lower case and enter: p m 0. | m97 XX p☐☐ [M] pm0 |
| 7 | To exit the message mode, at anytime enter m 0 g (lower case). | m0<br>>MODE |

*NOTE:*
*To cancel calling station messages, use this procedure and skip step 5.*

## MESSAGE RECORD SHEET—Use several sheets if necessary