ERICSSON

EDACS™ SYSTEM MANAGER SUPERVISOR'S GUIDE FOR VERSION 3.0 (GROUP 11)

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Supervisor's Guide

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INTRODUCTION

This manual has been designed as a reference guide for a supervisor level user of the EDACS System Manager software. The manual contains a representation of each menu along with help information for each screen. In addition, information is provided on the keyboard functions and log in procedures. The menu structure for the supervisor level operator is shown in Figure 1. Separate manuals cover general operator functions and Dynamic Regroup.

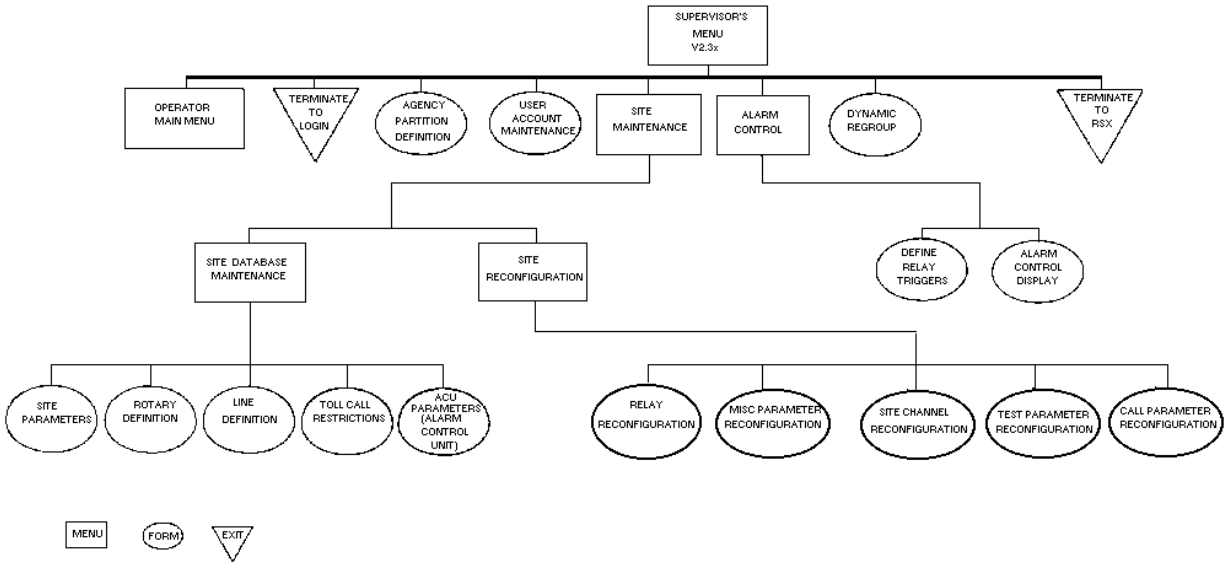


FIGURE 1 - SYSTEM MANAGER MENU STRUCTURE

KEYBOARD FUNCTIONS

The System Manager uses a standard keyboard (Figure 2). Through the use of the cursor (arrow) keys and the various function (F) keys, you will be able to enter or change information. A highlighted bar on each screen will show you which field is active and ready to receive information. A blinking cursor within the highlighted area shows you where the next character will be typed.

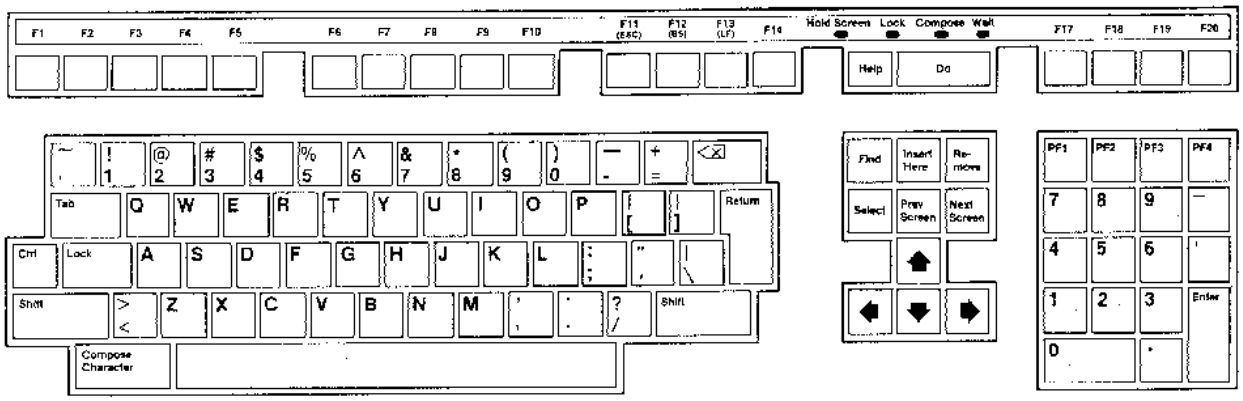


FIGURE 2 - KEYBOARD

RETURN	Enters information into a field and causes the cursor to move to the next field.
[Up Arrow]	Moves to the previous field.
[Right Arrow]	Moves the cursor right.
[Left Arrow]	Moves the cursor left.
[Down Arrow]	Moves to the next field.
Help	Displays help information for the current screen.
F1-F20	The function of these keys are defined on each screen (only active keys are displayed).
Ctrl V	Displays the version and group number of system Manager software.
PF1	Returns the cursor to the first position of the first field (homes the cursor).
>	Moves highlighted bar to next field to the right.
<	Moves highlighted bar to next field to the left.
Ctrl W	Repaints screen.

GETTING STARTED

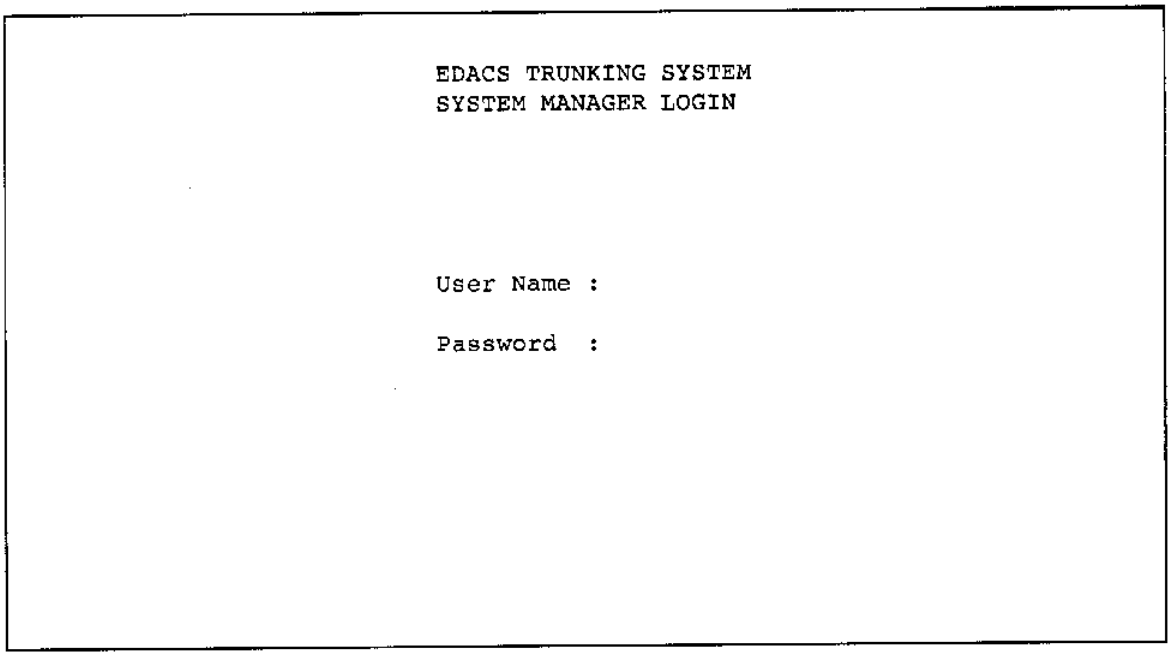
Once your terminal is turned on, the System Manager Login screen will be displayed with the cursor blinking at the User Name field. When you first log on the System Manager, your user name will be SYSMGR and your password will be SYSMGR SUPER.

NOTE

To protect the security of the system, use the User Account Maintenance function to change your password after the first log in. A 12-character password is recommended.

NOTE

If login to the System is via remote, the system will disconnect after 3 unsuccessful attempts to login to the system manager.



Log on the System Manager as follows:

NOTE

The first time you log in, press Ctrl V to display the version of software running on the System Manager. The software version should match the version described in this manual. Ctrl V can be used at the System Manager Login screen or later screens.

1. Type in your user name and press Return.
2. Type in your password and press Return.
3. The Supervisor's Menu will now appear.

MAKING MENU SELECTIONS

The supervisor's menu is divided into five categories. Each category lists numbered functions. Enter the function number and press Return to make a selection. Advance to the operator's menu (covered in a separate manual) by pressing the "Next" key.

ENDING A SESSION

After you have finished using the System Manager, you should exit to the System Manager Login screen. This will terminate the log in and prevent unauthorized use of the System Manager. Log off the System Manager as follows:

1. If the Supervisor's Menu is not displayed, exit the current screen and return to the Supervisor Main Menu.
2. Press F6 (EXIT/LOGIN). If you are logging in from a remote terminal, you will be asked if you want to login the system manager again. If you enter Y, you will be returned to the system manager log in screen. If you enter N you will be logged out and disconnected from the System Manager.

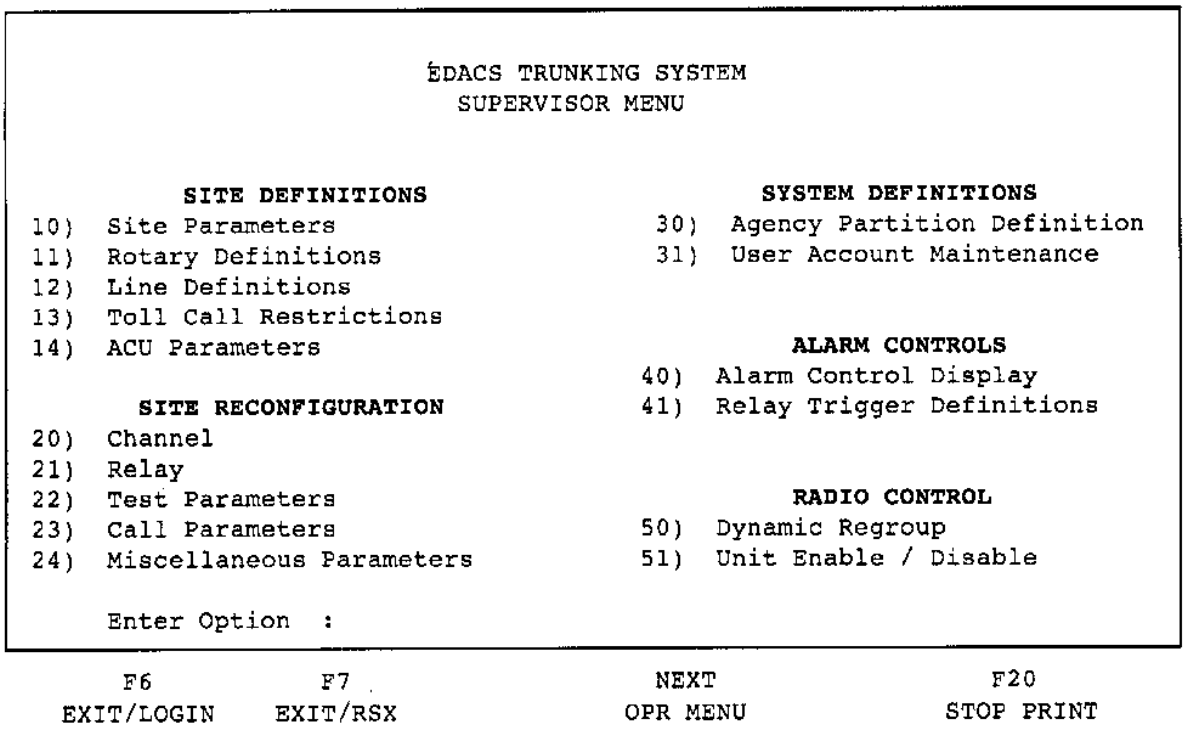
NOTE

It is recommended that you log off the System Manager when you are away from the terminal or at the end of a session. This will prevent unauthorized use of the System Manager.

There may be times you wish to exit to the RSX operating system to use various system commands. Pressing F7 (EXIT/RSX) when the supervisor's menu (or operator's menu) is displayed will return to the RSX operating system. Enter "LGN" to return to the system manager.

SUPERVISOR'S MENU

The Supervisor's Menu is divided into five different categories. Each of the categories has several functions listed below the heading. These functions allow the supervisor to define certain system parameters that control how the radio units will relate to the system, to each other, and how the system will handle different operating events. These functions are accessed when the system is first put on-line and not used extensively after the initial system configuration.



Each of the menu selections and following screens are discussed in this manual. After each screen there is a discussion of what type of information must be entered in each field. All information in Required fields must be entered in order for the System Manager to accept information on the screen.

It is recommended that you read through this manual to get familiar with System Manager operation, before making entries on the screens. Remember you must use the Database Upload function in some cases before changes to the database will be sent to the site.

SUPERVISOR'S MENU FUNCTION KEYS

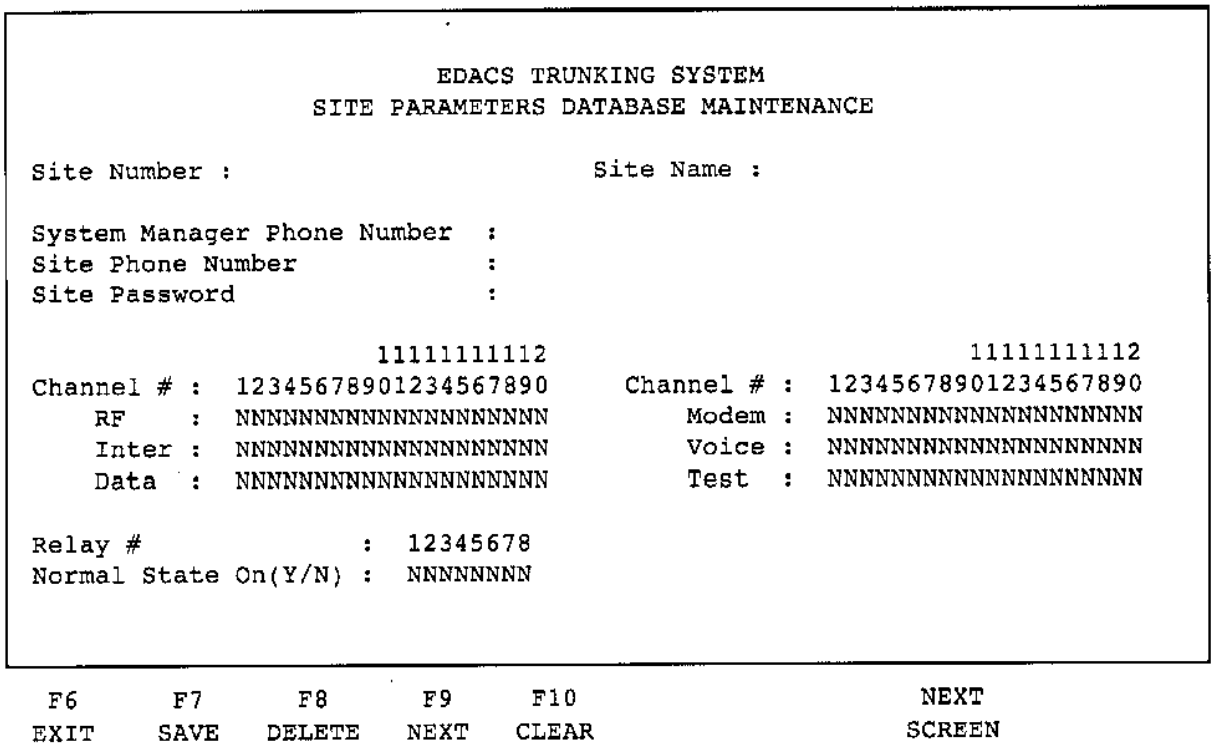
The following function keys are active at the supervisor's menu:

F6 EXIT/LOGIN	Use this key to log off the system manager. If you are logged on from a remote terminal, after F6 is pressed you will be asked if you wish to log on the system manager again. If you enter "Y" you will be returned to the system manager login screen. If you enter "N" you will be logged out and disconnected from the System Manager.
F7 EXIT/RSX	Use this key to exit to the RSX operating system. Enter "LGN" to return to the system manager from the operating system.
NEXT OPR MENU	Press the "Next" key to advance to the operator's menu. Selections on this menu are explained in the Operator's Manual.
F20 STOP PRINT	Stops current print job on the system printer.

SITE DEFINITIONS

10) Site Parameters

The Site Parameters Database Maintenance function defines the default channel configurations for each site. The function also defines various parameter values. These default values are used by the Site Controller when first powered up or until later changes are made to the database. Every site record created causes the System Manager to generate a Rotary Definition record, a Line Definition record, a Toll Call Restriction record, an ACU (Alarm Control Unit) Parameter record, and a Relay record.



Creating A Record

1. Enter a unique Site Name or Site Number. The word CREATE will appear in the upper right corner of the screen.
2. Enter all required fields.
3. Press F7 to save the screen.

Locating An Existing Record

1. Enter the Site Number or Site Name.
2. Press Return.

NOTE

If the requested record cannot be found, the closest record (in logical order) will be displayed.

Modifying An Existing Record

1. Locate the record. The word MODIFY will appear in the upper right corner of the screen.
2. Make desired changes on the screen.
3. F7 to save the screen.

Deleting A Record

1. Locate the record. The word MODIFY will appear in the upper right corner of the screen.
2. Press F8 to delete all entries from the screen.

Required Fields

Site Number — Numeric designation of the site.

Site Name — Up to an eight-character alphanumeric site name.

Password — Up to a 12-character password (used to access site System Manager) assigned to the site. This password must match the site controller password.

Channel # — Channel number (1-20) headings for the configuration fields directly below.

RF — Designates which channels are to be working channels and which channel is the control channel. Enter C in one position to designate the control channel. Enter Y (designates working channel) under all remaining channels. Enter N (default) under all unused channels.

Inter — Designates which channels are equipped to handle telephone interconnect. Enter Y under channels that are equipped for telephone interconnect or N (default) under unused channels and channels that are not equipped for interconnect.

Data — Designates which channels are equipped to handle data transmissions from mobile data terminals. Enter Y under channels equipped to handle data transmissions or N (default) under unused channels and channels not equipped for data transfers.

Modem — Designates which channels have modems on the downlink to the site. Enter Y under channels that use modems on the downlink or N (default) under channels that are unused or are not modem equipped.

Voice	Designates which channels are equipped to handle Voice Guard (r) transmissions. Enter Y under channels that handle Voice Guard or N (default) under unused channels and channels that are not Voice Guard equipped.
Test	Designates which channels will be used exclusively by radios designated as test radios. Enter Y under channels that will be used exclusively to handle transmissions by test radios. Enter N (default) under channels that will be available for normal trunked operation, but not used by test radios. Information on designating test radios can be found in the Operator's Manual. See "Secondary Partition Enable: under the Unit Identification Additional Parameters screen for more information.
Relay #	Relay number (1-8) headings for the relay state fields directly below. These numbers correspond to the eight control output relays at the Test and Alarm Unit (TAU). The relays are latching and are used to control customer-supplied equipment.
Normal State On(Y/N)	Designates which of the eight Control Output relays (DPDT latching) at the Test and Alarm Unit (TAU) are set when a reconfiguration request is submitted to the Site Controller. Enter Y under the number of the relays you want set when a reconfiguration request is submitted. Enter N (default) under numbers of relays you want to remain in the reset state. These relays are latched in the designated state.

Optional Fields

System Manager Phone Number	The telephone number* (up to 20-digit field) of the System Manager at the designated site. This field is only used if a dial-up line is available to the remote System Manager.
Site Phone Number	The telephone number* (up to 20 digits) of the Site Controller at the designated site. This field is only used if a dial-up line is available to the remote Site Controller

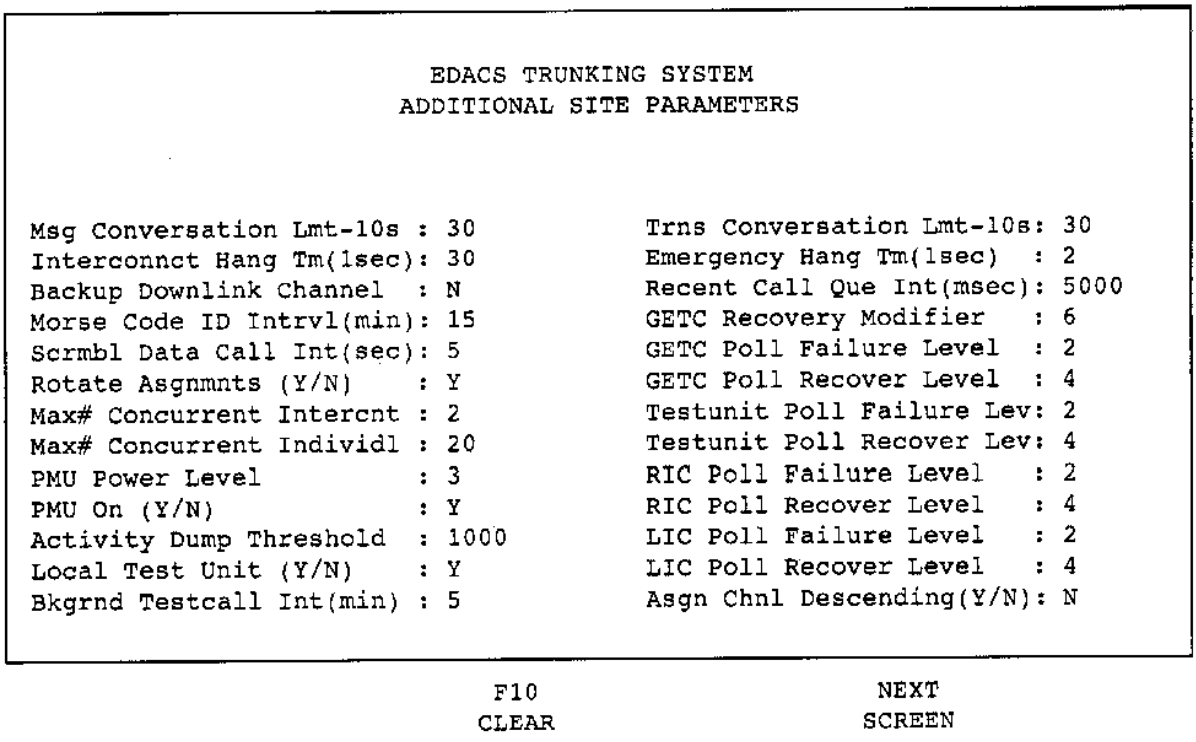
*Telephone number must contain all digits required to dial. The digits must have no spaces between them. For example, the phone number 1 (800) 555-1212 would be entered as 18005551212.

Function Keys

F6 EXIT	Returns to the Supervisor's Menu.
F7 SAVE	Saves the entered data to the System Manager data base.
F8 DELETE	Deletes the displayed data.
F9 NEXT	Searches for the next record in the file based on the last key field of reference.
F10 CLEAR	Clears all fields on the screen.
NEXT_SCREEN	Additional Parameters.

Additional Parameters

The additional parameters option on the Site Parameters Database Maintenance screen allows access to a secondary screen. The secondary screen displays several additional site parameters.



Entering The Additional Parameters Screen

1. Press the Next Screen key. The ADDITIONAL SITE PARAMETERS screen will be displayed.

Field Definitions

Msg Conversation Lmt-10s	Sets the transmission time limit for message-trunked transmissions. Time is expressed in 10-second increments, with a default setting of 30 (300 seconds or 5 minutes).
Trans Conversation Lmt-10s	Sets the transmission time limit for transmission-trunked transmissions. Time is expressed in 10-second increments, with a default setting of 30 (300 seconds or 5 minutes).
Interconnect Hang Tm(1sec)	The hang time between an unkey command and a channel drop for telephone interconnect calls. Hang time is expressed in seconds with a default of zero.
Emergency Hang Tm(1sec)	The hang time between an unkey command and a channel drop for emergency calls. Hang time is expressed in seconds with a default of zero.
Backup Downlink Channel	Shows the presences of a backup downlink to the site. Enter Y if a backup downlink is present or N (default) if no downlink is available.
Recent Call Queue Int(msec)	The time interval in milliseconds used to increment queue priorities. Interval range is from 0 to 30,000 milliseconds with a default of 5,000 milliseconds (5 seconds). During times when calls are queued, the queue priority of a call may be increased by one half. The queue priority is incremented if the time between the last call request and current request is less than the time interval.
Morse Code ID Intrvl(min)	The time interval in minutes between transmission of the Morse Code site ID. The time interval range is from 0 to 30 minutes with a default of 15 minutes. Enter a "0" to disable this feature.
GETC Recovery Modifier	Used for determining the failure of a test call. The range is from 0 to 255 with a default of 6.
Scrmbl Data Call int(sec)	The system is capable of placing data calls on working channels to prevent unauthorized monitoring using scanners. This field sets the length of time in seconds between scrambling data calls. The range is from 0 to 32,767 with a default of 5. A value of zero will inhibit scrambling data calls.

GETC Poll Failure Level	A three-digit numeric field representing the number of missed poll responses before a GETC failure is reported. This field defaults to 2.
Rotate Assignments (Y/N)	Enter Y (default) if you want the working channel assignment rotated by the system. Enter N to prevent automatic working channel rotation.
GETC Poll Recover Level	Sets the number of consecutive valid poll responses required from the GETC before a recover can be reported. The field range is from 1 to 255 with a default of 4.
Max# Concurrent Intercnt	Sets the maximum number of simultaneous telephone interconnect calls permitted on the system. This field defaults to two.
Testunit Poll Failure Lev	Represents the number of missed poll responses before a Test Unit (TU) failure is reported. This two-digit numeric field defaults to 2.
Max# Concurrent Individl	Sets the maximum number of simultaneous individual calls permitted on the system. This two-digit numeric field defaults to 20.
Testunit Poll Recover Lev	Sets the number of consecutive valid poll responses required from the Test Unit (TU) before a recovery is reported. The field range is from 1 to 255 with a default of 4.
PMU Power Level	Transmitter output power level in watts times 10. Sets the Power Monitor Unit output power level for each channel transmitter (defaults to 3 for 30 watts). If the power level drops below the specified level, a PMU alarm will be issued.
RIC Poll Failure Level	Represents the number of missed poll responses before a RIC failure is reported. This three-digit numeric field defaults to 2.
PMU On (Y/N)	Enter Y (default) to enable the Power Monitor Unit (PMU) or N to disable the PMU.
RIC Poll Recover Level	Sets the number of consecutive valid poll responses required from the RIC before a recover can be reported. The field range is from 1 to 255 with a default of 4.
Activity Dump Threshold	The number of activity records contained in the Site Controller activity file required before the start of a download (defaults to 1,000). A download will dump the activity file to the System Manager. The threshold range is from 0 to 16,383 records (or up to the size of the site activity buffer, whichever is smaller). Enter a "0" to disable this feature.
LIC Poll Failure Level	Represents the number of missed poll responses before a LIC failure is reported. This three-digit numeric field defaults to 2.
Local Test Unit (Y/N)	Enter Y (default) to enable the Local Test Unit (TU) or N to enable the remote TU.
LIC Poll Recover Level	Sets the number of consecutive valid poll responses required from the LIC before a recovery can be reported. The field range is from 1 to 255 with a default of 4.

Bkgrnd Testcall Int(min) — Length of time in minutes between background test calls. The range is from 0 to 1,440 (24 hours) with a default of 5. Entering a value of zero will inhibit background test calls.

Asgn Chanl Descending(Y/N) — This field sets the order the Site Controller makes working channel assignments. Enter N (default) to assign channels in ascending order starting at one. Enter Y to assign channels in descending order starting from the highest channel number. This field is only used if channel assignments are not rotated.

Function Keys

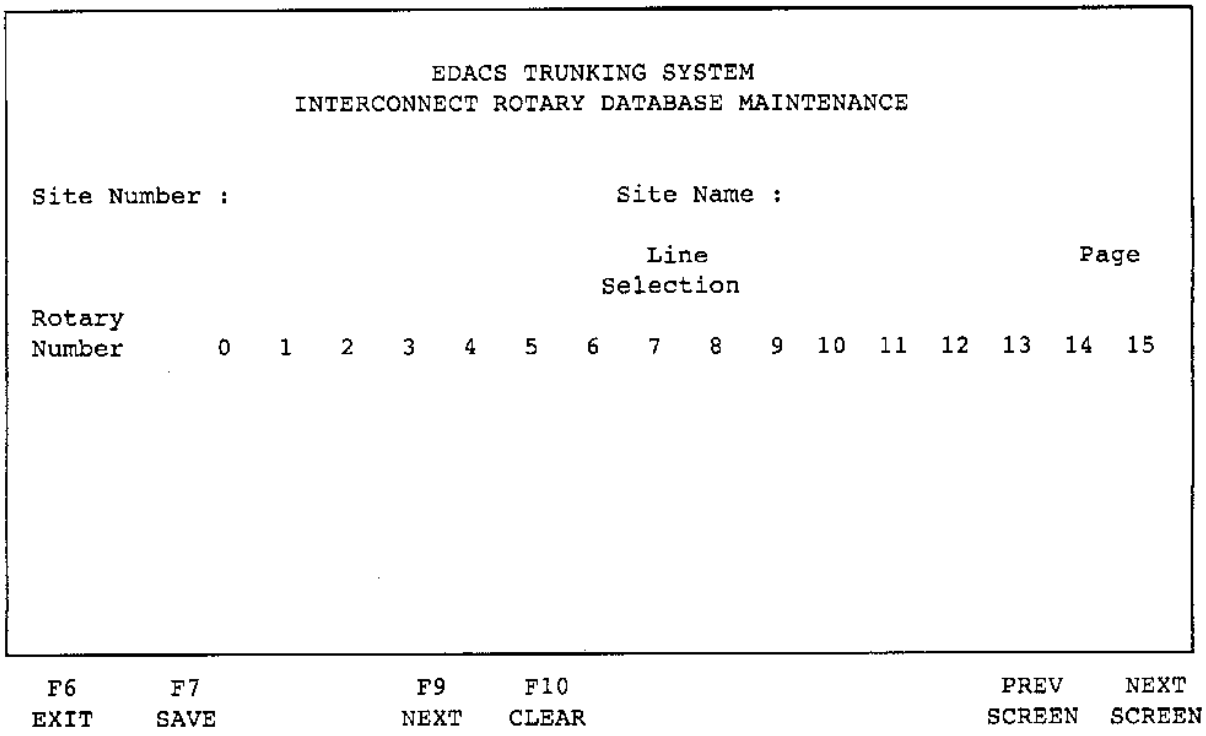
F10 CLEAR — Clears all fields on the screen.

PREV SCREEN — Returns to the Site Parameters Database Maintenance screen.

11) Rotary Definitions

Rotary definition designates the rotary hunt sequence used by the telephone equipment when placing an outbound call. Up to 15 rotary definitions can be used at each site in the EDACS system. These definitions are used when assigning telephone lines to radio units programmed for telephone interconnect operation. A maximum of 255 telephone lines may be used at each site.

Each rotary definition may specify up to 16 telephone lines (numbers) to be used when placing outbound telephone calls. When a telephone call is placed by a radio unit, the telephone equipment will try (in sequence) each line specified in the rotary definition assigned that unit until a free line is found. If a free line is not found, the originating unit will receive a busy signal.



Each site has five screen pages to display the rotary definitions. The line fields default to 0. Valid lines are 1-255. Position the cursor to the desired line field, overwrite the field and press the down arrow key or the Return key to move to the next field. When the entries are completed, press F7.

NOTE

Changes must be transferred to the Site Controller using the Database Upload function (on the Operator's Menu) to become effective. If the Database Upload is not used, the Site Controller will implement the change when it is reset.

Creating A New Record

1. Enter the Site Number or Site Name of the site you wish to create a new interconnect rotary database.
2. Press Return.
3. Enter the rotary definitions on the screen.
4. Press F7 to save the record to the System Manager database.
5. Send the changes to the Site Controller using the Database Upload function on the operator's menu.

Locating An Existing Record

1. Enter the desired Site Number or Site Name. If the record cannot be located, the closest record in logical order will be displayed.
2. Press Return.

Changing An Existing Record

1. Locate the record.
2. Make the desired changes.
3. Press F7 to save the record to the System Manager database.
4. Send the changes to the Site Controller using the Database Upload function on the operator's menu.

Field Definitions

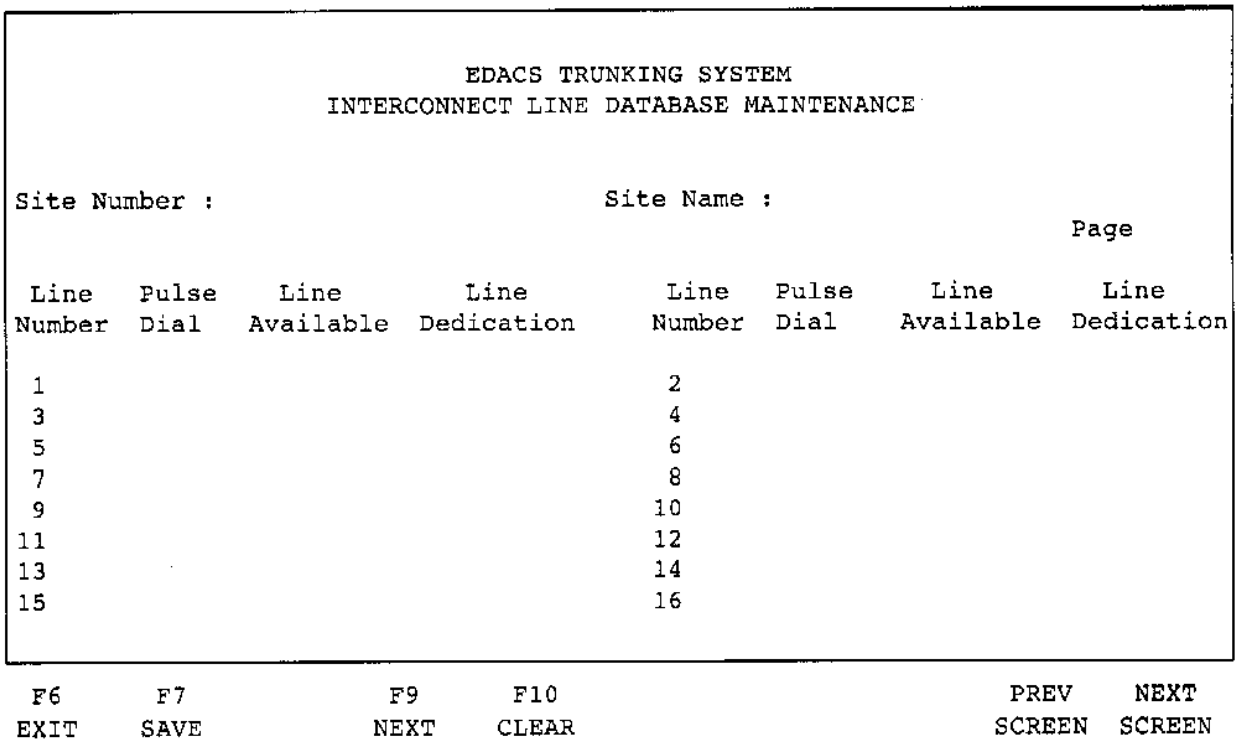
Site Number	Numeric designation of the site.
Site Name	Up to an eight-character alphanumeric site name.
Rotary Number	A logical number assigned by the System Manager for each rotary definition.
Line Selection	Column heading for each telephone line assigned to a rotary definition. Indicates the sequence the line will be tried in the rotary hunt.

Function Keys

F6 EXIT	Exits the Supervisor's Menu.
F7 SAVE	Saves the entered data to the System Manager database. Changes are not sent to the Site Controller.
F9 NEXT	Searches for the next record in the file based on the last key field of reference.
F10 CLEAR	Clears all fields on the screen.
PREV SCREEN	Displays the previous page.
NEXT SCREEN	Displays the next page.

12) Line Definitions

The Line Definition function is used to tell the system the characteristics of the telephone lines available at the site. This screen allows assigning inbound telephone lines to specific radio units in the system. There are 16 screen pages which allow assignments to be made to up to 255 telephone lines at the site.



NOTE

Changes must be transferred to the Site Controller using the Database Upload function (on the Operator's Menu) to become effective. If the Database Upload is not used, the Site Controller will implement the change when it is reset.

Creating A New Record

1. Enter the Site Number or Site Name.
2. Press Return.
3. Enter the line characteristics for each telephone line in the system.
4. Press F7 to save the data to the System Manager database. Changes are not sent to the Site Controller.
5. Send the changes to the Site Controller using the Database Upload function off the operator's menu.

Locating An Existing Record

1. Enter the desired Site Number or Site Name.
2. Press Return. If the record cannot be located, the closest record in logical order will be displayed.

Changing An Existing Record

1. Locate the record.
2. Make the desired changes on the screen.
3. Press F7 to save the data to the System Manager database.

Required Fields

Pulse Dial Defines the dial characteristics for each telephone line in the system. Enter Y for telephone lines that accept pulse dialing or N (default) for lines that accept tone (DTMF) dialing.

Line Available Defines for the system which telephone lines are available for use. Enter Y for telephone lines that are available on N for lines that are not available.

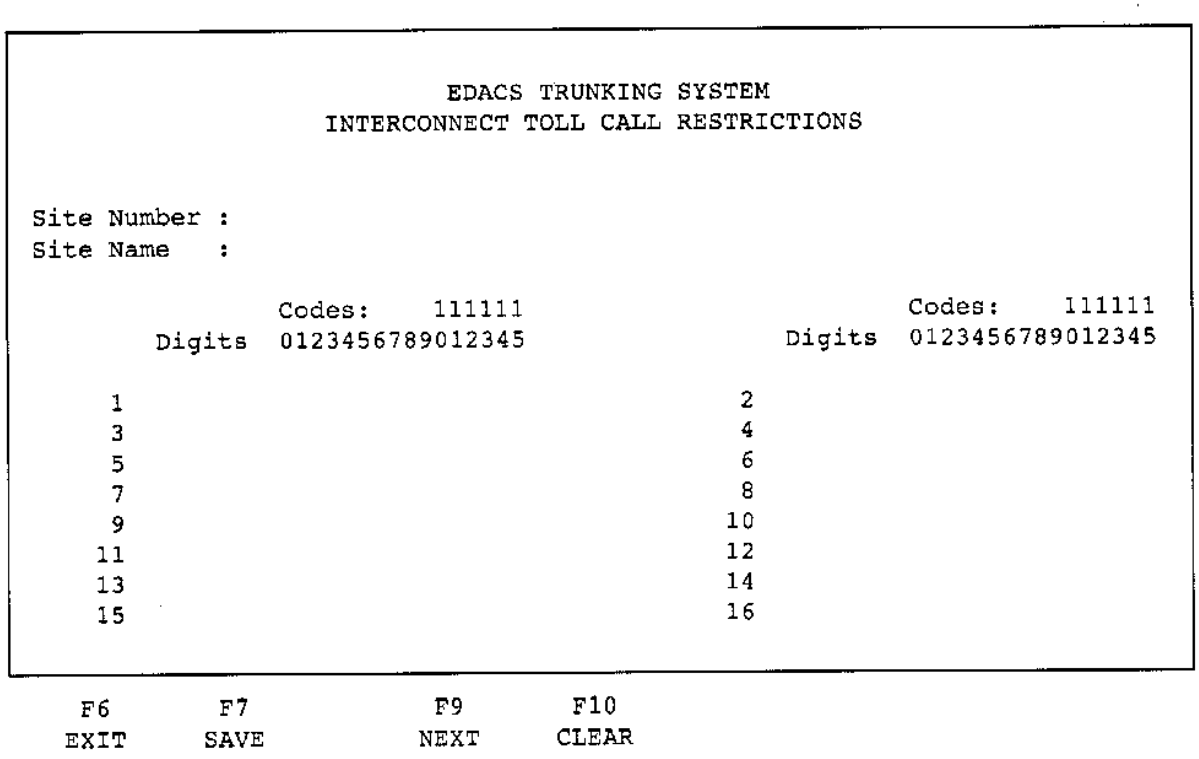
Line Dedication Defines the radio unit the system will ring if an incoming telephone call is detected on this line. Enter the radio unit logical ID (LID) for the radio unit the system should ring in an incoming call is detected on the line.

Function Keys

F6 EXIT	Returns to the Supervisor's Menu.
F7 SAVE	Saves the entered data to the System Manager database. Changes are not sent to the Site Controller.
F9 NEXT	Searches for the next record in the file based on the last key field of reference.
F10 CLEAR	Clears all data entries on the displayed screen.
PREV SCREEN	Displays the previous page.
NEXT SCREEN	Displays the next page.

13) Toll Call Restrictions

The Toll Call Restrictions function is used to identify which telephone call restrictions are assigned to various levels of radio users. Up to 16 restriction levels may be set up using this screen.



NOTE

Changes must be transferred to the Site Controller using the Database Upload function (on the Operator's Menu) to become effective. If the Database Upload is not used, the Site Controller will implement the change when it is reset.

Creating A New Record

NOTE

The digit list must be entered from the most restrictive (level 1) to the least restrictive (16). The following wild cards may be used in the Digits field: X may be used to represent any digit 0-9 and a space may be used to represent any DTMF code (0-9, *, and #).

1. Enter the Site Number or Site Name.
2. Press Return.
3. Enter the toll call restrictions for each user level. Level 1 is the most restrictive. Four periods (default value) must be entered in all unused levels.
4. Press F7 to save the data to the System Manager database. Changes are not sent to the Site Controller.
5. Send the changes to the Site Controller using the Database Upload function on the operator's menu.

Locating An Existing Record

1. Enter the desired Site Number or Site Name.
2. Press Return. If the record cannot be located, the closest record in logical order will be displayed.

Changing An Existing Record

1. Locate the record.
2. Make the desired changes on the screen.
3. Press F7 to save the data to the System Manager database. Changes are not sent to the Site Controller.
4. Send the changes to the Site Controller using the Database Upload function on the operator's menu.

Field Definitions

The following fields are available on the Interconnect Toll Call Restrictions screen. The vertical line of numbers (1-16) just below and to the left of the Digits heading are telephone call restriction levels. Level one is most restrictive and level 16 is the least restrictive. When call restrictions are checked by the Site Controller, the table is scanned from level one to level 16. The first matching restriction in the table is used for call access. Place the most restrictive entries at level one moving to the least restrictive at level 16.

For example, if you wish to restrict one user to no toll call access, but you wish to permit another user to make toll calls only to the 518 area, you would list the most restrictive entry first.

		Codes
	Digits	0 1 2 3 4 5 6
1	1518	Y Y N N N N N
2	1XXX	Y N N N N N N

Now unit 0 is permitted access to the 518 area code and any 1 plus number. Unit 1 is permitted access to the 518 area code, but can not access any other toll numbers.

Site Number Numeric designation of the site.

Site Name Up to an eight-character alphanumeric site name.

Digits The first four digits of the telephone number followed by a 16-position code field and preceded by a restriction level number. Enter the first four digits of the telephone number on which restrictions are to be based. The following wild cards may be used in the Digits field: X may be used to represent any digit 0-9 and a space may be used to represent any DTMF code (0-9, *, and #). All remaining positions should be filled with four periods.

Codes A 16-position field which indicates which telephone call restrictions apply to each radio unit. The code heading (0-15) corresponds to the code assigned to each radio unit (defined on another screen) that can make telephone interconnect calls. Enter a Y in this field under the code corresponding to the unit if the unit is permitted to make telephone calls with the first four digits as indicated. Enter N (default) under the unit code column if the radio unit may not make telephone calls to phone numbers starting with the digits indicated.

Function Keys

F6 EXIT Returns to the Supervisor's Menu.

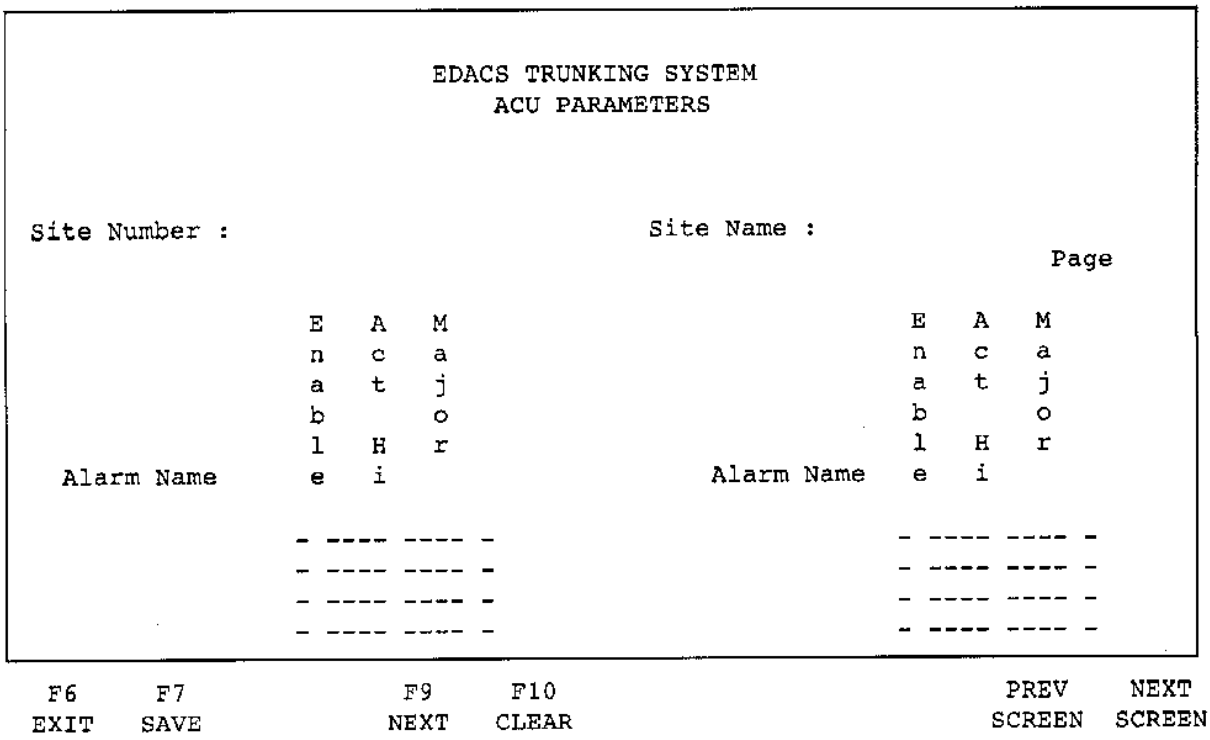
F7 SAVE Saves the entered data to the System Manager database. Changes are not sent to the Site Controller.

F9 NEXT Searches for the next record in the file based on the last key field of reference.

F10 CLEAR Clears all data entries on the displayed screen.

14) ACU Parameters

The ACU (Alarm Control Unit) screen displays a table of the 32 alarms associated with each site. The table allows you to define how each alarm will be interpreted.



NOTE

Changes must be transferred to the Site Controller using the Database Upload function (on the Operator's Menu) to become effective. If the Database Upload is not used, the Site Controller will implement the change when it is reset.

Locating An Existing Record

1. Enter the desired Site Number or Site Name.

2. Press Return. If the record cannot be located, the closest record in logical order will be displayed.

Changing An Existing Record

1. Locate the record.

2. Make the desired changes on the screen.

3. Press F7 to save the data to the System Manager database. Changes are not sent to the Site Controller.

4. Send the changes to the Site Controller using the Database Upload function on the operator's menu.

Field Definitions

Site Number	Numeric designation of the site.
Site Name	Up to an eight-character alphanumeric site name.
Page	Number of the screen page currently displayed.
Alarm Name	Alphanumeric field for entering the alarm name.
Enable	Designates which alarm lines are enabled for alarm reporting. Enter Y in this column next to the alarms you wish to enable for alarm reporting. Enter N (default) in this column next to the alarms you wish to disable or alarms that are not used.
Act Hi	Designates which enabled alarm lines are to be designated as active high alarms. Enter Y in this column next to all enabled led alarms where a low to high transition indicates an alarm condition. Enter N in this column next to all enabled alarms where a high to low transition indicates an alarm condition.
Major	Designates which alarms are to be treated as major alarms (immediate reporting and logging). Enter Y in this column next to all enabled alarms that are to be treated as major alarms. Enter N in this column next to all enabled alarms that are to be treated as minor alarms (alarm logged but not reported).

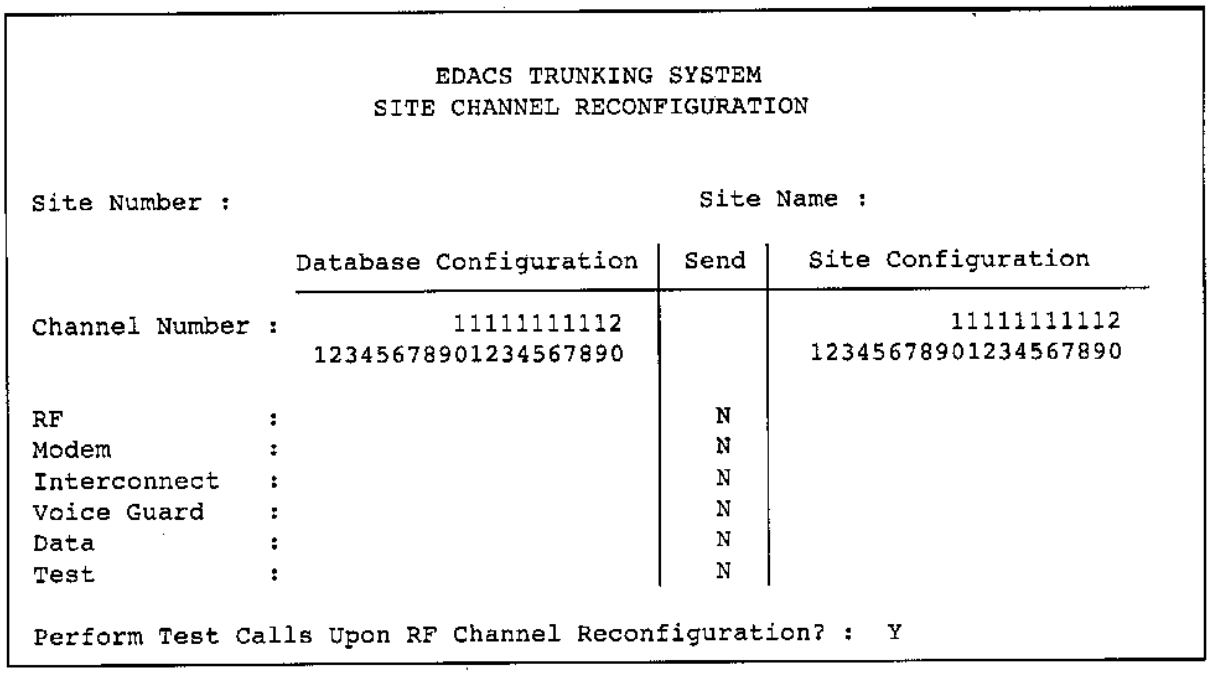
Function Keys

F6 EXIT	Returns to the Supervisor's Menu.
F7 SAVE	Saves the entered data to the System Manager database. Changes are not sent to the Site Controller.
F9 NEXT	Searches for the next record in the file based on the last key of reference.
F10 CLEAR	Clears all data entries on the displayed screen.
PREV SCREEN	Displays the previous page.
NEXT SCREEN	Displays the next page.

SITE RECONFIGURATION

20) Channel

This function allows you to modify the default database for the site. Changes made on this screen are sent immediately to the Site Controller.



Locating An Existing Record

1. Enter the desired Site Number or Site Name.
2. Press Return. If the record cannot be located, the closest logical record will be displayed.

Changing An Existing Record

1. Locate the record.
2. Make the desired changes on the screen.
3. Press F11 to send the marked changes to the Site Controller.

Field Definitions

Site Number	Numeric designation of the site.
Site Name	Up to an eight-character alphanumeric site name.
Channel #	Channel number (1-20) headings for the configuration fields directly below. Changeable fields are located under the Database Configuration heading.
RF	Designates which channels are to be working channels and which channel is the control channel. Enter C in one position to designate the control channel. Enter Y (designates working channel) under all remaining channels. Enter N (default) under all unused channels. Changeable fields are located under the Database Configuration heading.
Modem	Designates which channels have modems on the downlink to the site. Enter Y under channels that use modems on the downlink or N (default) under channels that are unused or are not modem equipped.
Interconnect	Designates which channels are equipped to handle telephone interconnect. Enter Y under channels that are equipped for telephone interconnect or N (default) under unused channels and channels that are not equipped for interconnect.
Voice Guard	Designates which channels are equipped to handle Voice Guard transmissions. Enter Y under channels that handle Voice Guard or N (default) under unused channels and channels that are not Voice Guard equipped.

Data — Designates which channels are equipped to handle data transmissions from mobile data terminals. Enter Y under channels equipped to handle data transmissions or N (default) under unused channels and channels not equipped for data transfers.

Test — Designates which channels will be used exclusively by radios designated as test radios. Enter Y under channels that will be used exclusively to handle transmissions by test radios. Enter N (default) under channels that will be available for normal trunked operation, but not used by test radios. Information on designating test radios can be found in the Operator's Manual. See "Secondary Partition Enable" under the Unit Identification Additional Parameters screen for more information.

Perform Test — Instructs the Test Unit (TU) to perform test calls on new channel configuration. Enter Y if you want the TU to perform an immediate test on the reconfigured channels. Enter N if you want the channels reconfigured and the TU to perform its normal testing sequence.

Database Configuration — Heading for the Site Parameters Database that is stored in the System Manager.

Send — Heading for the Send column. Tells the System Manager which channel configurations to send to the Site Controller when the send (F11) key is pressed. Enter Y in rows where you want the changed data sent to the Site Controller. Enter N in rows where you do not want to send the new data.

Site Configuration — This is the existing configuration read from the Site Controller.

Function Keys

F6 EXIT — Returns to the Supervisor's Menu.

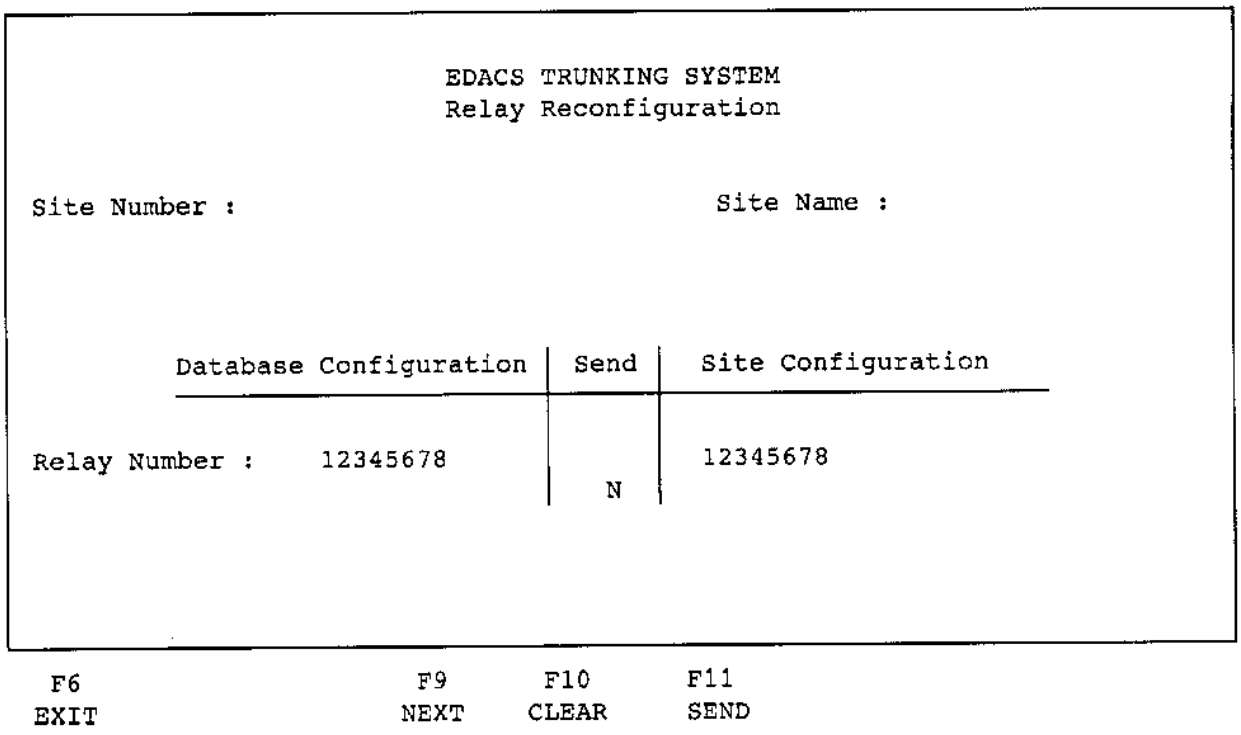
F9 NEXT — Searches for the next record in the file based on the last key field of reference.

F10 CLEAR — Clears all data entries on the displayed screen.

F11 SEND — Sends the configurations to the Site Controller. Only configurations with a Y entered in the Send column will be sent.

21) Relay

This function allows you to reconfigure the control output relays at the Test and Alarm Unit (TAU). The new configuration may then be sent to the specified site. After a valid site number (or name) is entered, this screen will show the current site configuration.



Locating An Existing Record

1. Enter the desired Site Number or Site Name.
2. Press return. If the record cannot be located, the closest record in logical order will be displayed.

Changing An Existing Record

1. Locate the record.
2. Make the desired changes on the screen.
3. Press F11 to send the changes to the Site Controller.

Field Definitions

Site Number	Numeric designation of the site.
Site Name	Up to an eight-character alphanumeric site name.
Database Configuration	Column heading for the site parameter fields.

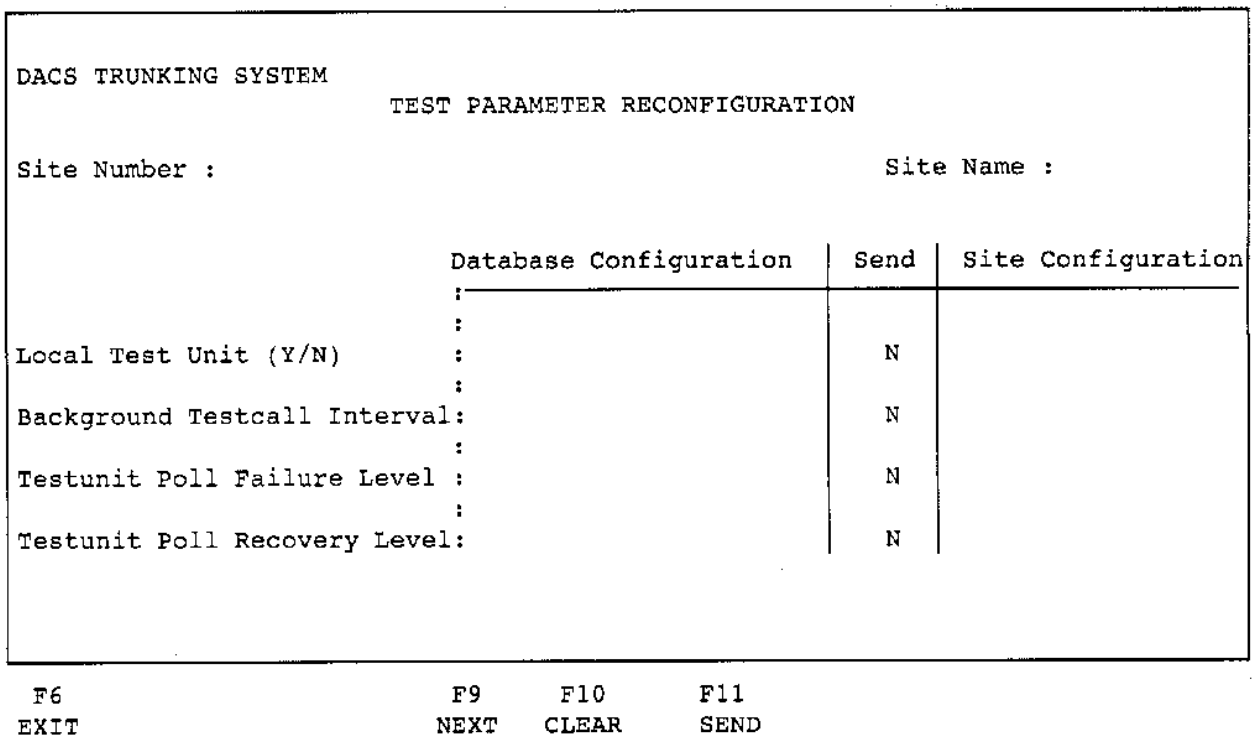
Send	Heading for the Send column. Tells the System Manager which configurations to send to the Site Controller when the send (F11) key is pressed. Enter Y in rows where you want the changed data sent to the Site Controller. Enter N in rows where you do not want to send the new data.
Site Configuration	Column heading for the most recently read site configuration.
Relay Number	Headings for relay numbers (1-8) that follow under Database Configuration and Site Configuration. These numbers correspond to the eight control output relays at the Test and Alarm Unit (TAU). The relays are latching and are used to control customer-supplied equipment.
12345678	Column headings for relay fields. Each number represents a control output relay at the site TAU. Designates which relays will be set when a reconfiguration request is submitted to the Site Controller. Enter Y under the number of the relays you want set when a reconfiguration request is submitted. Enter N (default) under numbers of relays you want in the reset state. The control output relays are DPDT latching relays which control customer-supplied equipment.

Function Keys

F6 EXIT	Returns to the Supervisor's Menu.
F9 NEXT	Searches for the next record in the file based on the last key field of reference.
F10 CLEAR	Clears only the Send fields (defaults to N).
F11 SEND	Sends the marked configurations to the Site controller. Only configurations with a Y in the Send column will be sent.

22) Test Parameters

This function allows you to reconfigure various site parameters related to testing for a specified site.



Locating An Existing Record

1. Enter the desired Site Number or Site Name.
2. Press Return. If the record cannot be located, the closest record in logical order will be displayed.

Changing An Existing Record

1. Locate the record.
2. Make the desired changes on the screen.
3. Press F11 to send the marked changes to the Site Controller.

Field Definitions

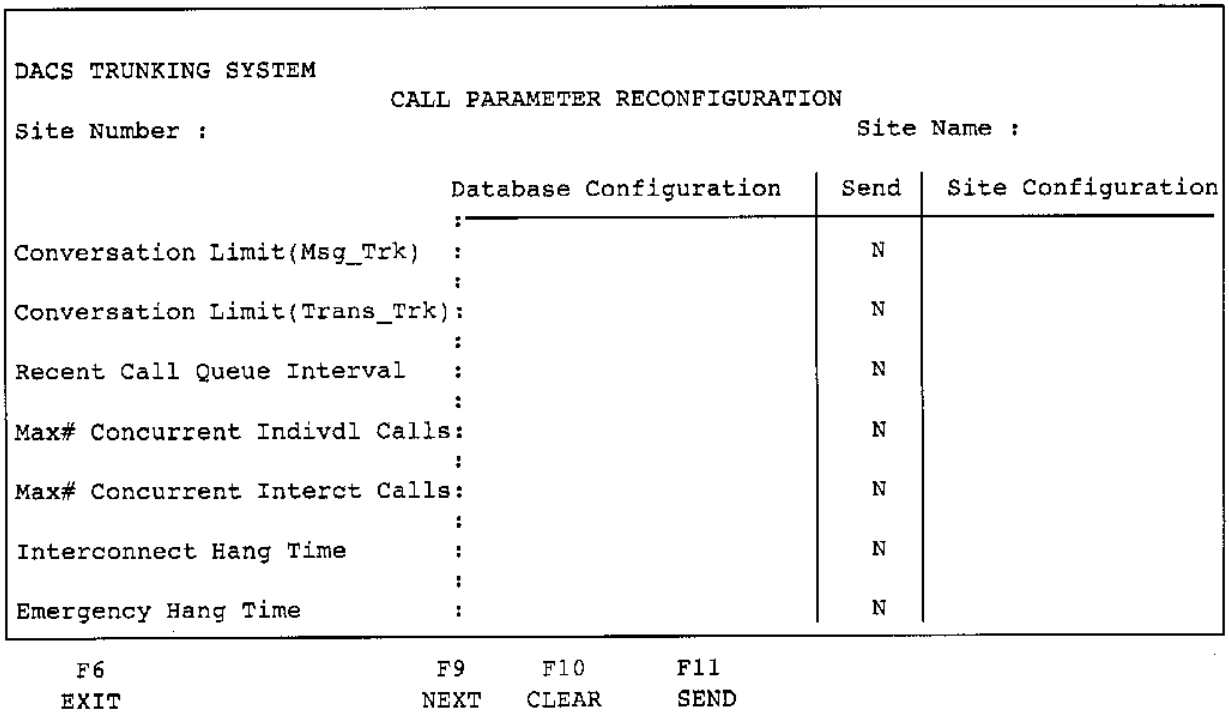
Database Parameters Configuration	Heading for the Site Database that is stored in the System Manager.
Send	Heading for the Send column. Tells the System Manager which configurations to send to the Site Controller when the send (F11) key is pressed. Enter Y in rows where you want the changed data sent to the Site Controller. Enter N in rows where you do not want to send the new data.
Site Configuration	This is the existing configuration read from the Site Controller.
Local Test Unit On (Y/N)	Enter Y (default) to enable the Local Test Unit (TU) or N to enable the Remote TU.
Background Testcall Interval	Length of time in minutes between background test calls. The range is from 0 to 1,440 (24 hours) with a default of 5. Entering a value of zero will inhibit background test calls.
Testunit Poll Failure Level	Represents the number of missed poll responses before a Test Unit (TU) failure is reported. This three-digit numeric field defaults to 2.
Testunit Poll Recovery Level	Sets the number of consecutive valid poll responses required from the Test Unit (TU) before a recovery is reported. The field range is from 1 to 255 with a default of 4.
Site Number	Numeric designation of the site.
Site Name	Up to an eight-character alphanumeric site name.

Function Keys

F6 EXIT	Return to the Supervisor's Menu.
F9 NEXT	Searches for the next record in the file based on the last key field of reference.
F10 CLEAR	Clears all data entries on the displayed screen.
F11 SEND	Sends the marked configurations to the Site Controller. Only configurations with a Y entered in the Send column will be sent.

23) Call Parameters

This function allows you to reconfigure various Site Parameters related to calls for the specified site.



Locating An Existing Record

1. Enter the desired Site Number or Site Name.
2. Press return. If the record is not located, the closest record in logical order will be displayed.

Changing An Existing Record

1. Locate the record.
2. Make the desired changes on the screen.
3. Press F11 to send the changes to the Site Controller.

Field Definitions

Site Number	Numeric designation of the site.
Site Name	Up to an eight-character alphanumeric site name.
Database Configuration	Column heading for the site parameter fields.
Send	Heading for the Send column. Tells the system Manager which configurations to send to the Site Controller when the send (F11) key is pressed. Enter Y in rows where you want the changed data sent to the Site Controller. Enter N in rows where you do not want to sent the new data.
Site Configuration	Column heading for the most recently read site configuration.
Conversation Limit (Trans_Trk)	Sets the transmission time limit for transmission-trunked transmissions. Time is expressed in 10-second increments, with a default setting of 30 (300 seconds or 5 minutes).
Conversation Limit(Msg_Trk)	Sets the transmission time limit for message-trunked transmissions. Time is expressed in 10-second increments, with a default setting of 30 (300 seconds or 5 minutes).
Recent Call Queue Interval	The time interval in milliseconds used to assign queue priorities. Interval range is from 0 to 30,000 milliseconds with a default of 5,000 milliseconds (5 seconds).
Max# Concurrent Indivdl Calls	Sets the maximum number of simultaneous individual calls permitted on the system. This two-digit numeric field defaults to 20.
Max# Concurrent Interct Calls	Sets the maximum number of simultaneous telephone interconnect calls permitted on the system. This two-digit numeric field defaults to two.
Interconnect Hang Time	The hang time between an unkey command and a channel drop for telephone interconnect calls. Hang time is expressed in seconds with a default of zero. This is a three-digit numeric field.
Emergency Hang Time	The hang time between an unkey command and a channel drop for emergency calls. Hang time is expressed in seconds with a default of zero. This is a three-digit numeric field.

Function Keys

F6 EXIT	Returns to the Supervisor's Menu.
F9 NEXT	Searches for the next record in the file based on the last key field of reference.
F10 CLEAR	Clears only the Send fields (defaults to N).
F11 SEND	Sends the marked configurations to the Site controller. Only configurations with a Y entered in the Send column will be sent.

24) Miscellaneous Parameters

This function allows you to reconfigure various Site Parameters for the specified site.

```
                          EDACS TRUNKING SYSTEM
                     MISC PARAMETER RECONFIGURATION
Site Number :                                          Site Name :

                              Database Configuration  | Send | Site Configuration
                              :-----------------------|------|-------------------
Scramble Data Call Interval   :                       |  N   |
                              :                       |      |
Activity Dump Threshold       :                       |  N   |
                              :                       |      |
Morse Code Site ID Interval   :                       |  N   |
                              :                       |      |
Rotate Assignments(Y/N)       :                       |  N   |
                              :                       |      |
PMU on(Y/N)                   :                       |  N   |
                              :                       |      |
PMU Power Level               :                       |  N   |
                              :                       |      |
Assign Chan Descending(Y/N)   :                       |  N   |

   F6                    F9      F10       F11
  EXIT                  NEXT    CLEAR     SEND
```

Locating An Existing Record

1. Enter the desired Site Number or Site Name.
2. Press return. If the record is not located, the closest record in logical order will be displayed.

Changing An Existing Record

1. Locate the record.
2. Make the desired changes on the screen.
3. Press F11 to send the changes to the Site Controller.

Field Definitions

Site Number	Numeric designation of the site.
Site Name	Up to an eight-character alphanumeric site name.
Database Configuration	Column heading for the site parameter fields.
Send	Heading for the Send column. Tells the system Manager which configurations to send to the Site Controller when the send (F11) key is pressed. Enter Y in rows where you want the changed data sent to the Site Controller. Enter N in rows where you do not want to sent the new data.
Site Configuration	Column heading for the most recently read site configuration.
Scramble Data Call Interval	Length of time in seconds between scrambling data calls. The range is from 0 to 32,767 with a default of 5. A value of zero will inhibit scrambling data calls.
Activity Dump Threshold	The number of activity records contained in the Site Controller activity file required before a download is started (defaults to 1,000). A download will dump the activity file to the System Manager. The threshold range is from 0 to 16,383 records (or up to the size of the site activity buffer, whichever is smaller). Enter a "0" to disable this feature.
Morse Code Site ID Interval	The time interval in minutes between transmission of the Morse Code site ID. The time interval range is from 1 to 30 minutes with a default of 15 minutes.
Rotate Assignments(Y/N)	Enter Y (default) if you want the working channel assignment rotated by the system. Enter N to prevent automatic working channel rotation.
PMU on(Y/N)	Enter Y (default) to enable the Power Monitor Unit (PMU) or N to disable the PMU.
PMU Power Level	Station output power level in watts divided by 10. Sets the Power Monitor Unit output power level for all channels. Power level may be set from 0 to 255 (0 to 2,550 watts) with a default of 3 (30 watts).
Assign Chan Descending(Y/N)	Directs the order channel assignments are made by the Site Controller. Enter N (default) to assign channels in ascending order starting at one. Enter Y to assign channels in descending order starting from the highest channel number.

Function Keys

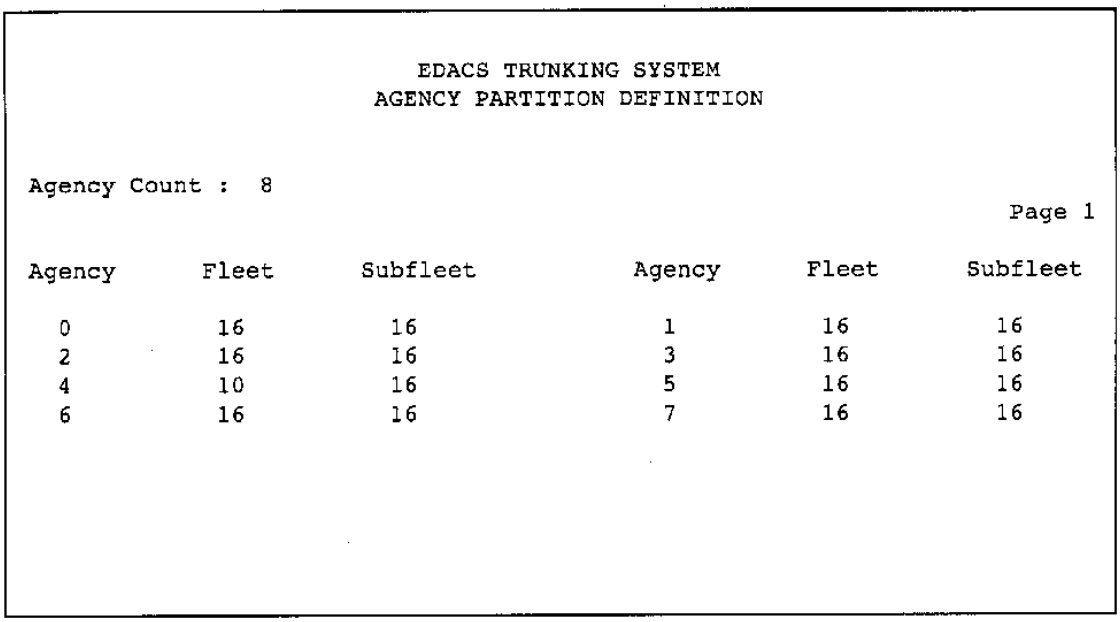
F6 EXIT	Returns to the Supervisor's Menu.
F9 NEXT	Searches for the next record in the file based on the last key field of reference.
F10 CLEAR	Clears only the Send fields (defaults to N).
F11 SEND	Sends the marked configurations to the Site controller. Only configurations with a Y in the Send column will be sent.

SYSTEM DEFINITIONS

30) Agency Partition Definition

The EDACS System allows you to group radio units together to allow radio users with common purposes to communicate freely with each other. The broadest grouping of radio users is an agency (such as Public Works or Police Department). Each agency may be further divided into fleets and fleets may be divided into subfleets.

Through the Agency Partition Definition function of the Supervisor's Menu, the number of agencies, fleets, and subfleets on the system are defined.



NOTE

The agency partition table must be created first when setting up a system. No user, unit, or group records can be created until this table is defined.

It is advisable to make up a chart showing the desired Agency, fleet, and subfleet groupings for your communication system before making entries on the Agency Partition Definition screen. Once entries are made on this screen and units have been assigned to groups, it is more difficult to make changes. Entries are made through the Agency Partition Definition screen as follows:

1. Enter the Agency Count Number (1-32). This is the number (maximum) of Agencies to be defined in your system.

2. Move the cursor to the Fleet field of the first Agency (Agency 0). Enter the number of fleets to be defined under this agency. Repeat this procedure for each Agency listed on the screen. The number of possible subfleets is automatically calculated by the System Manager based on the number of fleets and agencies.

3. Press F7 to save the information and press F6 to return to the Supervisor's Menu.

NOTE

The Agency count and Fleet numbers may be changed only if they have no units already assigned in the database (see Operator's Menu functions).

Changes may be made to the Agency Partition Definition screen by entering and saving new data.

Required Fields

Agency Count	Total number of agencies system wide (maximum of 32).
Agency	Agency number (0-31) based on the number entered in Agency Count.
Fleet	Number of Fleets to be defined for the Agency.
Subfleet	Maximum number of subfleets (calculated by the System Manager) possible based on number of agencies and fleets.

Function Keys

F6 EXIT	Returns to the Supervisor's Menu.
F7 SAVE	Saves the entered data to the System Manager database.
PREV SCREEN	Displays the previous page of the screen.
NEXT SCREEN	Displays the next page of the screen.

31) User Account Maintenance

Each user on the System Manager is assigned an account that defines which agency and fleet records the user may access. The account also defines which System Manager functions the user may access and whether the user will be able to exit to the RSX operating system. The supervisor may define and modify user accounts through the User Account Maintenance function on the Supervisor's Menu.

```
                        EDACS TRUNKING SYSTEM
                  SYSTEM MANAGER ACCOUNT MAINTENANCE


User Name           :                                  User Id =
Password            :
Alarm Enable (Y/N)  : N
User A-F-S Access   :
RSX Access          : N

                      1         2         3         4
User Menu Access    : 01234567890123456789012345678901234567890
    (1 - 49)          NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN

                      5         7         8         9
User Menu Access    : 01234567890123456789012345678901234567890
    (50 - 99)         NNNNNNNNNNYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY


   F6       F7       F8       F9       F10      F11
  EXIT     SAVE    DELETE    NEXT    CLEAR    RESET
```

New user accounts must be created when the EDACS system is first put into operation. Existing accounts may be modified or deleted to accommodate changes in system operation. Modifications to existing accounts become active the next time the user logs in.

Creating A New User Account

Create a new user account as follows:

1. Enter up to a six-character user name in the User Name field.

2. Enter up to a 12-character password to be associated with the account in the Password field.

3. Enter the access restrictions in the User A-F-S fields. Enter an agency number to allow the operator to access all records pertaining to radio units associated with the agency (including all associated fleets and subfleets). Restrict access to a fleet (and associated subfleets) by entering the agency number followed by the fleet number.

4. Define RSX access by entering a Y or N in the RSX Access field. Entering an N (default) in this field will prevent the account user from exiting to the RSX operating system.

5. Define the account user's menu access by entering Y or N in the User Menu Access fields. Enter Y under all menu option numbers that the user is allowed to access. For example, enter Y under 41 if the user will be allowed to use Relay Trigger Definitions (a supervisor level feature). The default settings give the user access to all Operator Menu functions.

6. Press F7 to save the account information.

7. Press F6 to return to the Supervisor's Menu.

NOTE

Change passwords periodically to protect system security.

Modifying A User Account

1. Enter the user name in the User Name field. The recalled account information will appear on the screen.

2. Modify the desired fields (deleting all fields will remove the user account).

3. Press F7 to save the account information.

4. Press F6 to return to the Supervisor's Menu.

Required Fields

User Name Six-character field to enter the account name.

User ID A numeric value (read only) calculated by the System Manager. A unique number derived from the user name.

Password A 12-character field used to assign a password to the user account.

Alarm Enable For future use.

User A-F-S Access A set of two fields (one for agency number and one for fleet number). When an agency number is specified, the operator may access all records pertaining to radio units associated with the designated agency and associated fleets and subfleets. When an agency and fleet number are specified, the operator may access all records pertaining to radio units associated with the designated fleet and associated subfleets.

RSX Access Defines account user access to the RSX operating system. A Y in this field will allow the account user to exit the system manager and use the RSX operating system. An N in this field (default) will not allow the account user access to the RSX operating system.

User Menu Access Defines account user access to System Manager menu selections. The numbered fields (10-99) correspond to supervisor and operator menu selections. Place a Y under all menu selections the account user will be allowed to access. An N in a field blocks the account user from access to the particular selection. The default settings give the account user access to all operation level functions (selections 70 and above).

Function Keys

F6 EXIT Returns to the Supervisor's Menu.

F7 SAVE Saves the entered data to the system Manager database.

F8 DELETE Deletes field data from the screen.

F9 NEXT Searches for the next record in the file based on the last key of reference.

F10 CLEAR Clears the form for new data entry (erases previous fields on the screen).

F11 RESET Resets the file selector to the first record in the file. Press F9 to display the record.

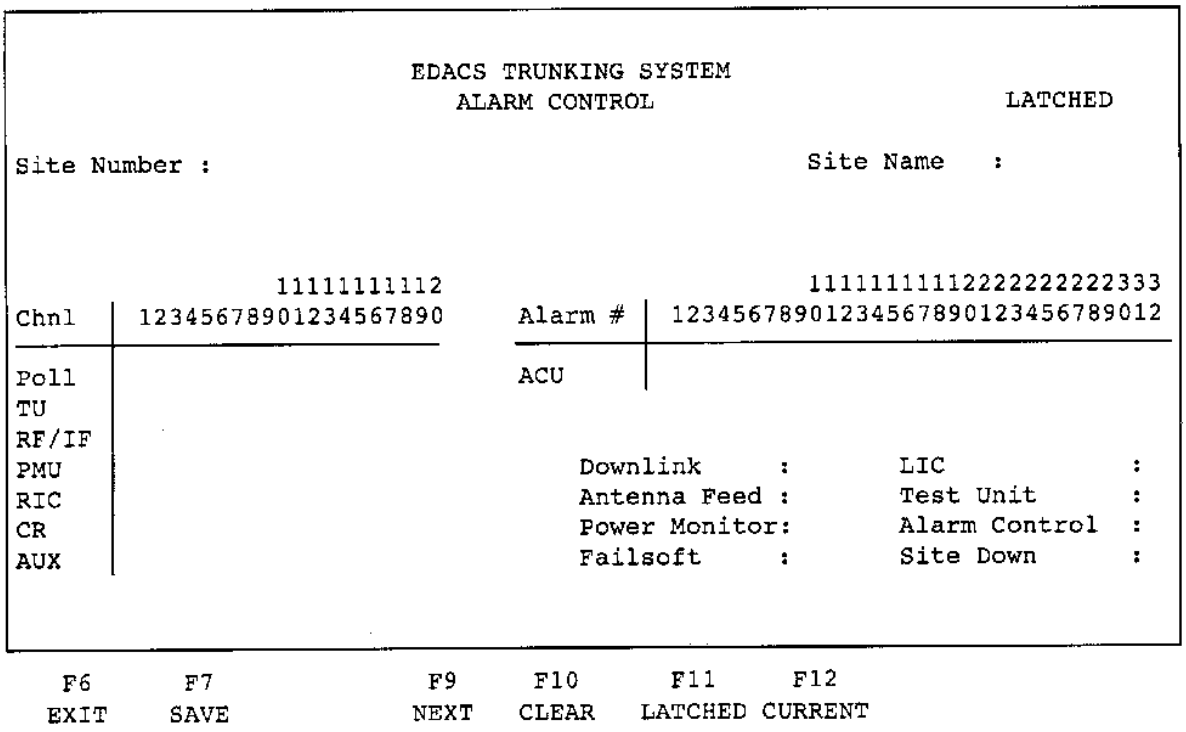
ALARM CONTROLS

40) Alarm Control Display

The Alarm Control screen allows you to tell the system how to report alarms associated with each channel. Changes made to the screen must be saved using the F7 key.

NOTE

This screen is not automatically updated (refreshed).



Locating An Existing Record

1. Enter the desired Site Number or Site Name.
2. Press return. If the record is not located, the closest record in logical order will be displayed.

Changing An Existing Record

1. Locate the record.
2. Press F11 to enter the latched state.
3. Press F7 to save the current alarm control settings.

Field Definitions

The following are displays for the alarm control fields:

A	Alarm is active on the device for this channel and alarm notification is enabled.
a	Alarm is active on the device for this channel and alarm notification is disabled.
d	Alarm is not active on the device for this channel and alarm notification is disabled.
Blank	Alarm is not active on the device for this channel, but alarm notification is enabled.

Field Entries

E	Enables a disabled alarm (D in field) for alarm reporting.
D	Disables alarm notification.
R	Resets an active alarm (A in field).

NOTE

Alarms may be Enabled, Disabled, or Reset only in the latched state. Changes latched state. Changes made to the alarms must be saved with the F7 key.

Field Definitions

Site Number	Numeric designation of the site.
Site Name	Up to an eight-character alphanumeric site name.
Chnl (1-20)	Column headings for the channel associated with each alarm.
Alarm #	Column heading for the ACU alarms.
Poll	A 20-position field that gives the status of poller alarms for each Channel.
TU	A 20-position field that gives the Test Unit (TU) alarm status for each Channel.
RF/IF	A 20-position field that gives the Console RF/IF (rf interface) alarm status for each Channel.

PMU	A 20-position field that gives the Power Monitor Unit (PMU) alarm status for each channel.
RIC	A 20-position field that gives the Repeater Interconnect Controller (RIC) alarm status for each channel.
CR	A 20-position field that gives the Trunking Card (GETC) alarm status for each channel. The alarm is issued for an unexpected carrier on the channel.
AUX	A 20-position field that gives the alarm status of auxiliary alarms issued by the GETC
ACU	A 32-position field that indicates Alarm Control Unit alarms. Alarms are posted whenever they occur.
Downlink	The status of the poller alarm associated with the downlink GETC.
LIC	An Equipment alarm associated with the LIC.
Antenna Feed	The status of the alarms associated with the PMU sensors on the two transmit antennas.
Test Unit	An equipment alarm associated with the Test Unit (TU).
Power Monitor	An equipment alarm associated with the Power Monitor Unit (PMU).
Alarm Control	An equipment alarm associated with the Alarm Control Unit (ACU).
Failsoft	An equipment alarm indicating the site is in failsoft mode.
Site Down	An equipment alarm indicating the site is down.

Function Keys

F6 EXIT	Returns to the Supervisor's menu.
F7 SAVE	Saves the entered data to the System Manager database.
F9 NEXT	Searches for the next record in the file based on the last key of reference.
F10 CLEAR	Clears all data entries on the screen.
F11 LATCHED	Displays the latched alarm state as stored by the System Manager
F12 CURRENT	Displays the current alarm state reported by the Site Controller. No alarm changes are allowed in this state.

41) Relay Trigger Definitions

The Define Relay Triggers function (Alarm Activated Relays screen) allows you to specify combinations of alarm occurrences that will trigger the alarm relay. Each relay combination defined on this screen must have a relay connected to the proper alarm class. Alarm classes are defined on the DEFINE RELAY CONNECTION screen.

```
Page 1                      EDACS TRUNKING SYSTEM                    (((((( 
                           Alarm Activated Relays
Site Number  :                                          Site Name   :
Relay Number :                                          Relay Name  :

Normal State Off(Y/N)      : Y
Reset If Alarm Clears(Y/N) : N
                                          11111111112222222222333
                                    123456789012345678901234567890 12
Sites Affected                      NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN

Alarm Triggers(N=NO,1=AND,0=OR)           11111111112222222222333  Connect
                                    123456789012345678901234567890 12
CLASS 1 POLL                        NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN     N
CLASS 2 TU                          NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN     N
CLASS 3 ACU                         NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN     N
CLASS 4 RF/IF                       NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN     N
CLASS 5 PMU                         NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN     N
CLASS 6 RIC                         NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN     N

  F6      F7        F8       F9      F10                          PREV     NEXT
 EXIT    SAVE    DELETE     NEXT    CLEAR                       SCREEN   SCREEN
```

Locating An Existing Record

1. Enter the desired Site Number or Site Name.
2. Press return. If the record cannot be located, the closest record in logical order will be displayed.

Changing An Existing Record

1. Locate the record.
2. Make the desired changes on the screen.
3. Press F7 to save the current alarm control settings.

Field Definitions

Site Number	Numeric designation of the site.
Site Name	Up to an eight-character alphanumeric site name.
Relay Number	The Relay (1-8) which is to be set upon occurrence of the specified alarm trigger. The relay number corresponds to the control output relays at the Test and Alarm Unit (TAU).
Relay Name	An optional name that can be given to the relay for identification.
Normal State Off (Y/N)	A single character (Y or N) showing the normal state of the relay. Enter Y to cause the normal relay state to be de-energized. An N in this field causes the relay to be energized in the normal state.
Reset if Alarm Clears (Y/N)	Allows you to specify if the alarm will remain latched after the cause of the alarm is removed. Enter Y to allow the alarm to reset when the cause of the alarm is removed. Enter N to latch the alarm state even after the alarm cause is removed.
Sites Affected	A 32-position field indicating which sites receive the relay outputs. Relay outputs are sent to the site once the alarm triggers have occurred. This allows controlling relays at multiple sites by alarms occurring at any other the site. The site numbers are shown directly above this field.
Alarm Triggers	Fifteen 32-position fields (one for each of the 15 alarm classes) used to indicate the combinations needed to trigger the relay. Three screen pages are used to display the 15 alarm classes. Allowable field entries are:: N - This alarm does NOT cause the relay to set. 1 -- Allows a logical AND to be performed on alarms in the same class. All alarms marked with 1 must be set before the alarm is reported. 0 -- Allows a logical OR to be performed on alarms in the same class. This alarm will cause the relay to set, regardless of other alarm states. It is permissible to have both 1 and 0 triggers in the same class. Also, triggers can be specified in any or all alarm classes.

The different alarm classes are defined as follows:

1-Poll alarms -- Alarms issued by the Poller for each Channel.

2-TU alarms -- Alarms issued by the Test Unit for each Channel.

3-ACU alarms -- Alarms issued by user-supplied equipment connected to the ACU. User equipment may be connected to any of the 32-position alarm inputs.

4-RF/IF alarms -- Alarms issued by the Console RF/IF cards for each Channel.

5-PMU alarms -- Alarms issued by the Power Monitor Unit for each Channel.

6-RIC alarms -- Alarms issued by the Repeater Interconnect Controller for each Channel.

7-CR alarms -- Alarms issued by the GETC for an unexpected carrier on the Channel.

8-AUX alarms -- Alarms issued by the GETC for Auxiliary Input alarms for each Channel.

9-14 -- not used.

15-EQIP alarms -- Alarms showing failure of various equipment, such as the LIC, PMU, etc. A single character indicates alarms associated with each equipment module.

Connect Enter Y to connect the relay with the indicated site. Enter N if the relay is not to be connected to the site.

Function Keys

F6 EXIT Returns to the Supervisor's Menu.

F7 SAVE Saves the displayed record by creating a new record or updating the existing record.

F8 DELETE Deletes the displayed record from the database.

F9 NEXT Searches for the next record in the file based on the last key field of reference. Keys of reference may be site number and relay number, or site name and relay number.

F10 CLEAR Clears the screen of entered data.

PREV SCREEN Returns to the previous screen page.

NEXT SCREEN Advances to the next screen page.

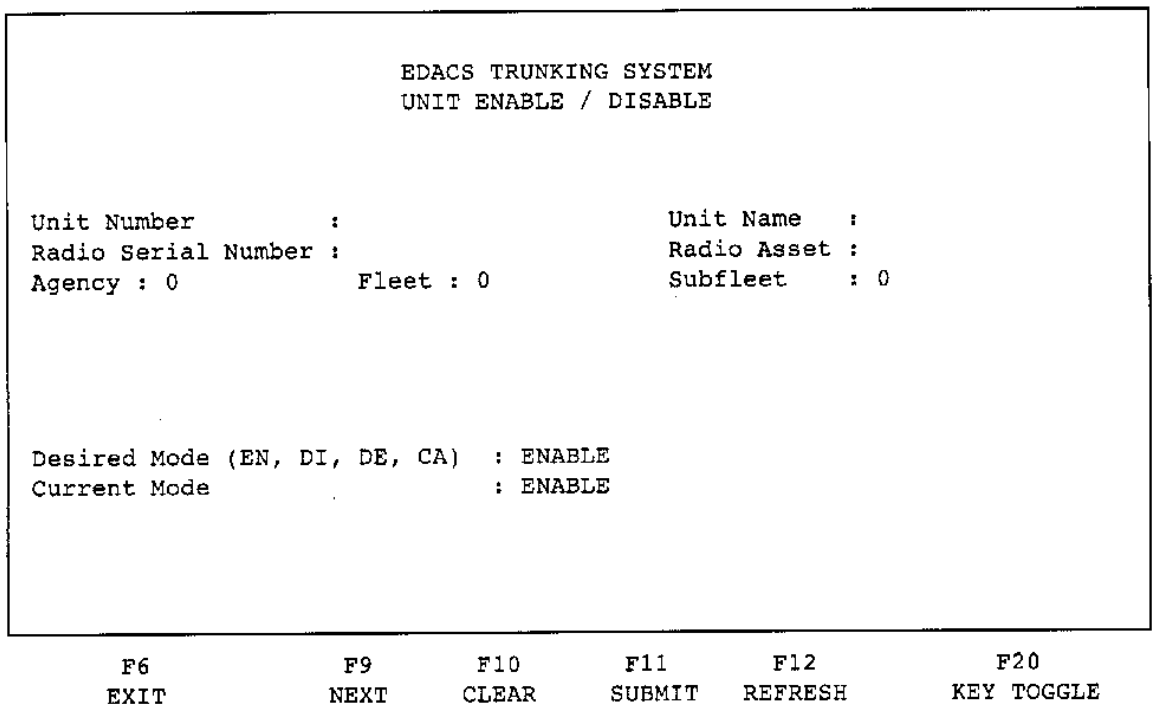
RADIO CONTROL

50) Dynamic Regroup

See separate Dynamic Regroup manual.

51) Unit Enable/Disable

The System Manager has the ability to disable radio units remotely. This feature may be used if a radio unit is stolen or if the radio is disrupting communications on the system.



Remotely Disabling A Radio

Radio Units may be temporarily disabled through the System Manager to prevent their unauthorized used. For the disable command to be effective, the radio unit must be operational and within range of the site.

1. Enter DI in the Desired Mode field.

2. Press F11 to submit the request to the Site Controller. The Site Controller will attempt to disable the radio unit. If the disable is successful, a confirmation message will be displayed.

Remotely Enabling A Radio

Radio Units that have been temporarily disabled by the DI command, may be enabled for operation using the System Manager. For the enable command to be effective, the radio unit must be operational and within range of the site.

1. Enter EN in the Desired Mode field.

2. Press F11 to submit the request to the Site Controller. The Site Controller will attempt to enable the radio unit If the enable is successful, a confirmation message will be displayed.

Remote Destruct Of A Radio

The operating personality (programming stored in the radio) may be destroyed through the System Manager. Once the destruct command is used, the radio must be brought in for reprogramming in order to restore operation. For the destruct command to be effective, the radio must be operational and within range of the site.

1. Enter DE in the Desired Mode field.

2. Press F11 to submit the request to the Site Controller. The Site Controller will attempt to destroy the personality of the radio unit. If the destruct is successful, a confirmation message will be displayed.

Cancelling A Remote Enable/Disable Command

You may cancel an enable, disable, or destruct command through the System Manager. For the cancel command to be effective, the previous command must not have affected the radio.

1. Enter CA in the Desired Mode field.

2. Press F11 to submit the request to the Site Controller.

Field Definitions

Radio Number	A number (1 to 16383) that is associated with each radio unit in the system.
Radio Serial Number	Serial number of the radio unit. This is a 16-character alphanumeric field.
Agency	The number (0 to 31) of the agency to which the radio unit has been assigned.
Fleet	The number (0 to 511) of the fleet to which the radio unit has been assigned.
Subfleet	The number (0 to 1023) of the subfleet to which the radio unit has been assigned.
Unit Name	An alphanumeric field (1 to 8 characters) which identified the unit.

Radio Asset

Desired Mode (EN, DI, DE, CA)	EN (Enable), DI (Disable), DE (Destruct), CA (Cancel). To change the mode, enter the desired mode and press F11. Mode change is sent to all sites.
Current Mode	Displays the current operating mode of the radio unit.

Function Keys

F6 EXIT	Exits to the Supervisor's Menu.
F9 NEXT	Searches for the next record in the file based on the key of reference.
F10 CLEAR	Clears entered data and returns to screen to default values.
F11 SUBMIT	Submits the request to the Site Controller.
F12 REFRESH	Refreshes the screen and updates the "Current Mode" status.
F20 KEY TOGGLE	Changes the key field of reference. The field of reference is indicated by an arrow next to the field name.

SYSTEM MANAGER MESSAGES

Agency Partition Table Not Found; Must Be Defined By Supervisor -- The Supervisor has not defined the Agency Partition table.

Invalid Entry -- The class entered is our of range.

Invalid Fleet Number -- Reenter a valid fleet number.

Multiple Control Channels Indicated; Please Reenter -- More than one control channel has been designated.

No Control Channel Indicated; Please Reenter -- One channel must be designated the control channel.

Operation Permitted On Latched Alarm State Only -- You are trying to alter the Current alarm state. Press F11 to get to the Latched state.

Supervisor Access Not Permitted -- This is a supervisor function and may not be accessed by a general operator.

Unable To Modify Value -- Changing this entry would effect related records. Associated records must be changed (deleted) before this value can be changed.

Unable To Read Site Channel Configuration -- The System Manager is unable to communicate with the Site Controller. Check the communications link to the Site Controller. Also, check that the Site Controller is running (system not in failsoft).

Unable To Read Site Parameters Configuration -- The System Manager is unable to send the new configuration data to the Site Controller. Check the communications link to the Site Controller. Also, check that the Site Controller is running (system not in failsoft).

Unable To Reconfigure Site Channels -- The System Manager is unable to send the new configuration data to the Site Controller. Check the communications link to the Site Controller. Also, check that the Site Controller is running (system not in failsoft).

Unable To Reconfigure Site Parameters -- The System Manager is unable to send the new configuration data to the Site Controller. Check the communications link to the Site Controller. Also, check that the Site Controller is running (system not in failsoft).

Undefined Alarm Class Input; Please Reenter -- Alarm class must be R (Reset), E (Enable), or D (Disable).

Undefined Site -- The requested site has not been defined.

Unable To Read Site Relay Configuration -- The System Manager is unable to send the new configuration data to the Site Controller. Check the communications link to the Site Controller. Also, check that the Site Controller is running (system not in failsoft).

Unable To Reconfigure Site Relays -- The System Manager is unable to send the new configuration data to the Site Controller. Check the communications link to the Site Controller. Also, check that the Site Controller is running (system not in failsoft).

GLOSSARY

Cursor	An indicator that shows your current position on the screen.
Download	The process of receiving information from the Site Controller.
Field	An area on a program screen where data is entered.
Key of reference	1) The data field (key) the System Manager uses to search through a file. 2) The field that must be entered to retrieve a data record from the System Manager database.
Menu	A program screen that lists processing choices available to the user.
Password	A 12-character word which authorized the user to access the System Manager.
Rotary definition	Defines the rotary hunt sequence used by the telephone equipment when assigning telephone lines. When several lines are used at a site, the telephone equipment will try each line defined in the rotary sequence until a free line (not busy) is found.
Screen	A display generated by a program. Information displayed on the screen of a video display terminal.
Site	The location of the Site Controller and associated equipment.
Site Controller	The main computer and software at the site which directs the operation of a trunked radio system.
System Manager	A software package and computer system used to manage the database associated with the EDACS system. The System Manager maintains its own database and communicated with the Site Controller.
Upload	The process of sending information from the System Manager to the Site Controller.
User Name	An eight-character designation which identifies the operator to the System Manager.

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