



**DEFINITY® AUDIX® System**  
Screens Reference

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## About This Document

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This manual is a reference to the administration and maintenance screens for the DEFINITY® AUDIX® System R3.1. The screens described here can be used to fully administer the system from a low-cost, screen-based terminal. You can administer and maintain the DEFINITY AUDIX system using the same terminal that you use to administer the switch, without changing options such as baud rate. Alternatively, you can use separate administration terminals for the DEFINITY AUDIX system and the switch. The “look and feel” of the DEFINITY AUDIX system Administration and Maintenance interface is similar to that of System 75.

This chapter describes the purpose and organization of this document, its intended audience, and provides suggestions on how to use it. Information about the typographic conventions used in this document, the Trademarks and Service Marks referenced, and where to find additional related information is also provided.

## Overview

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The screens described in this reference manual can be used to perform over 100 administrative and maintenance tasks. The command format and the screens are described in more detail in Chapter 1, Using the DEFINITY AUDIX Screens. This chapter also lists the screen-access commands.

## Intended Audience

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This document is designed for DEFINITY AUDIX customers, such as system administrators and maintenance engineers, and for AT&T personnel, such as the installers and service technicians for the DEFINITY AUDIX system.

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## Organization

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The first two chapters provide introductory information about this document, and describe the screens and how to use them.

Chapter 1, Using the DEFINITY AUDIX Screens, describes the screen layout and the commands used to access the screens. It also contains two tables that summarize the set of DEFINITY AUDIX administration and maintenance screens and their access commands. These tables can help you locate specific screen descriptions in this document.

Chapter 2, Screens Organized by Verb and by Object, contains two tables that summarize the set of DEFINITY AUDIX administration and maintenance screens and their activation commands. These tables help you locate specific screen descriptions in this document.

Chapter 3, Screen Descriptions, contains the screen descriptions organized alphabetically by screen name. The description of each screen contains the following information:

<i>Description</i>	Summarizes the purpose of the screen.
<i>Commands</i>	Shows all possible versions of the commands that can access the screen. Where appropriate, <i>login permissions</i> and the <i>state</i> of the DEFINITY AUDIX system that can run the command are described in a note.
<i>Screen Layout</i>	Shows the screen layout of the screen as it would appear on your terminal.
<i>Field Descriptions</i>	Describes each field that appears on the screen. For data-entry fields, gives the valid entries and default values.
<i>Sample Tasks</i>	For more complicated commands, lists the steps to accomplish typical tasks for which the screen is used.
<i>Additional Specifications</i>	Lists any special restrictions or other useful information, if any, not covered in the previous sections.

A screen description varies in length from 1 to 10 pages.

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## How to Use This Document

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This document is a reference manual for the DEFINITY AUDIX system administration and maintenance screens. The screen descriptions are arranged in alphabetical order by screen name. Use the following procedure to locate a screen:

If	Then
You know the exact screen name	Look directly in Chapter 2, alphabetically, or look in the Table of Contents
You don't know the exact screen name but you know the command	Look in the Table 2-1, <i>Screens Organized by Verb</i>
You are not sure of the command or the screen name	Look in the Table 2-2, <i>Screens Organized by Screen Name</i>
You cannot find the screen by any of the above methods	Look in the index for a word that you associate with the screen

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More information about using the screens is given in Chapter 1, Using the DEFINITY AUDIX Screens.

## Conventions Used in This Document

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The following typographic conventions are used in this document:

- **Bold** type is used to refer to characters that you type on your keyboard exactly as shown, such as commands.
- *Italic* type is used for the titles of documents, chapters, sections, tables, and figures, and occasionally for emphasis.
- ***Bold italic*** type is used to refer to variable information that you type in, such as the variable ***extension*** in the command **change subscriber *extension***. In this example you would substitute an extension number for ***extension*** when typing the command.
- Brackets, [ ], are used to enclose optional parts of a command.

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## Related Resources

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A partial list of documents related to the Screens Reference is given below.

Title	Document Number
DEFINITY AUDIX System — Installation	585-300-111
DEFINITY AUDIX System — Administration	585-300-507
DEFINITY AUDIX System — Feature Descriptions	585-300-206
DEFINITY AUDIX System — System Description	585-300-205
DEFINITY AUDIX System — Maintenance	585-300-110

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For a complete description of the DEFINITY AUDIX system documentation set, see *DEFINITY AUDIX System — Documentation Guide*, 585-300-011.

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This chapter describes how to access and how to use the DEFINITY AUDIX screens. It describes the layout of the screens, how to use help, how to move around the screen, and how to invoke or cancel a screen operation.

**NOTE:**

See the *DEFINITY AUDIX System — System Description*, 585-300-205, for a list of the supported terminals and modems.

### DEFINITY AUDIX Overview

The DEFINITY AUDIX voice messaging system is a computerized method of using a touch-tone telephone to send and receive verbal messages (voice mail). It allows subscribers (individuals who have DEFINITY AUDIX service) to use keypad commands on a touch-tone telephone to create, edit, send, receive, save, and delete voice mail messages. The DEFINITY AUDIX system can also answer calls and record verbal messages from callers. For more information on the features of DEFINITY AUDIX voice messaging, see *DEFINITY AUDIX System — Feature Descriptions*, 585-305-206.

### Using the DEFINITY AUDIX Screens

The DEFINITY AUDIX screens are used by two groups of people, system administrators and maintenance personnel. The responsibilities of each are briefly described below. For a more detailed description of system administration and maintenance, refer to *DEFINITY AUDIX System — Administration*, 585-300-507, and *DEFINITY AUDIX System — Maintenance*, 585-300-110.

## **System Administration**

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Administration is the ongoing process of making the DEFINITY AUDIX system work to the satisfaction of each subscriber. The system administrator is responsible for making the system work efficiently from both the system side and the subscriber side. During this ongoing process the administrator uses the DEFINITY AUDIX screens as tools to perform several tasks, including the following:

- Setting up subscribers and customizing their service options
- Recording voice fragments, including subscriber names and customized system announcements
- Determining which DEFINITY AUDIX features to make available to subscribers, and enabling, disabling, modifying, or monitoring these features
- Establishing and maintaining communication with the subscriber community, responding to problems, and correcting misconceptions
- Coordinating switch and DEFINITY AUDIX system administration when new features are activated
- Analyzing audits and traffic reports and taking corrective action when appropriate
- Maintaining and monitoring system security
- Troubleshooting and fixing problems as they occur as well as anticipating problems before they occur

## **System Maintenance**

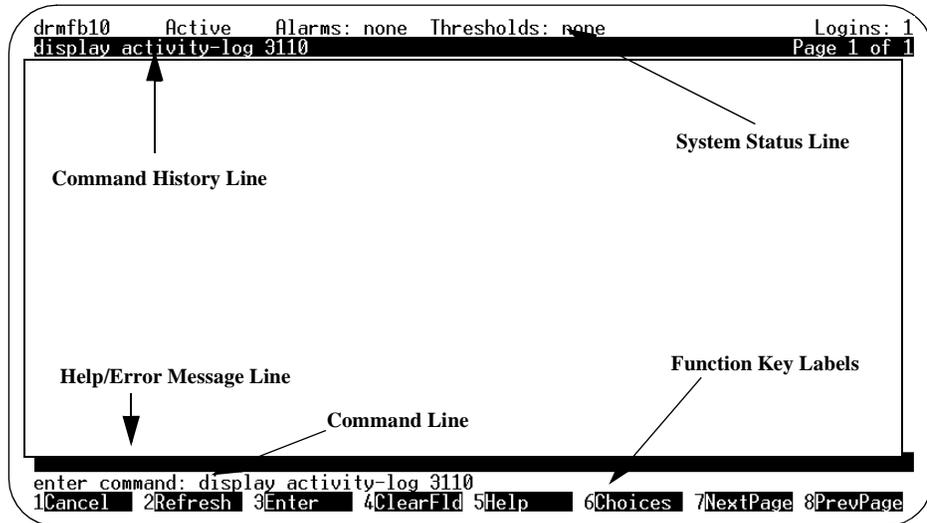
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Maintaining the DEFINITY AUDIX system involves ensuring that the system is operating satisfactorily and, in many cases, performing preventative maintenance. These tasks may be performed by the customer system administrator; other tasks are limited to the Technical Service Organization (TSO) Tier 3 engineers and the AT&T Tier 1 technicians. Maintenance personnel use the DEFINITY AUDIX screens as tools to perform several tasks, including the following:

- Monitoring and correcting system alarms and errors that occur during system operation
- Testing system components such as the tape drive, multi-function board (MFB), alarm board (ALB) processor, and communication ports
- Performing data backups
- Restoring data from tape
- Shutting down and restarting the system

## Screen Layout

The screen layout for the DEFINITY AUDIX administration screens is shown below. With multiple-page screens, each page has the screen layout shown here.



There are seven areas of the screen used for the following purposes:

<i>System Status Line</i>	Shows status indicator, number of current logins, and active alarms.
<i>Command History Line</i>	Displays the fully expanded command line. For multipage screens, displays current page number and page count. Indicates if the activity window contains help instead of the screen itself.
<i>Activity Window</i>	Contains: <ul style="list-style-type: none"> <li>— Data-entry fields for typing in new or changed data</li> <li>— Display-only fields</li> <li>— Reports displaying requested system information</li> <li>— Screen and field help accessed by the Help or Choices keys</li> </ul>
<i>Help/Error Message Line</i>	Displays short error messages and prompts.
<i>Command Line</i>	Accepts and processes the command/screen name/identifier(s) that you enter to access a screen.
<i>Function Key Labels</i>	Identifies function keys F1 through F8.

## Screen-Labeled Function Keys

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The screen-labeled function keys shown on the last line of the screen appear in the default DEFINITY AUDIX order. However, you may change the order in which these keys are displayed to match the order in which keys appear on the System Access Terminal (SAT) or Manager 1 administration tool. See “Changing the Sequence of the AUDIX Screen-labeled Keys.”

The purpose of each key is as follows:

Key	Command Line	Screen
<b>CANCEL</b> (F1)	Erases the entire contents of the command line.	Halts the current activity and places the cursor on the command line. <i>In a help screen</i> , returns to the screen.
<b>REFRESH</b> (F2)	N/A	Repaints the screen.
<b>ENTER</b> (F3)	Executes the command.	Submits a completed screen for the action specified on the command line, such as add, display, or remove.
<b>RETURN</b>	Executes the command.	Moves the cursor forward from one field to the next.
<b>CLEAR_FLD</b> (F4)	Clears a single word.	Clears an entire field.
<b>HELP</b> (F5)	Displays a screen explaining the types of help available.	Requests screen help. Identical to the <b>help</b> command.
<b>CHOICES</b> (F6)	Displays valid entries for the command, screen name, or identifier, if a choices are available. Pressing this key again selects the highlighted item.	Requests field help which displays valid entries for the field. Pressing this key again selects the highlighted item.
<b>NEXTPAGE</b> (F7)	N/A	Moves forward through multiple-page screens, reports, or help.
<b>PREVPAGE</b> (F8)	N/A	Moves backward through multiple-page screens, reports, or help.

## **Function Key Equivalents**

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Keyboard equivalents are available for users whose terminals cannot accommodate the DEFINITY AUDIX function keys. Each function key and its control key combination is shown below:

<b>Function Key</b>	<b>Screen Label</b>	<b>Control Key</b>	<b>Purpose</b>
1	Cancel	cntl-x	Cancel current operation.
2	Refresh	cntl-l	Refresh (repaint) current screen.
3	Enter	cntl-e	Execute current command or enter current data.
4	Clear Fld	cntl-k	Clear data in current field.
5	Help	cntl-w	Get Screen Help.
6	Choices	cntl-c	Get Field help (and display field choices, if any).
7	Next Page	cntl-n	Go to next page (if any).
8	Prev Page	cntl-f	Go to previous page (if any).

## **The Command Line**

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This section describes the syntax for the screen-activation commands.

### **Verb-Object Orientation**

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The screen-activation commands for the DEFINITY AUDIX system follow a verb-object syntax. This gives the DEFINITY AUDIX interface the look and feel of the interface on the AT&T System Access Terminal (SAT) or Manager 1 switch administration tools, which are used with the System 75 and DEFINITY Generic 1 and 3 switches. See Chapter 2, Screens Organized by Verb and by Object, for a complete list of the screen-activation commands.

The structure of the DEFINITY AUDIX screen-activation commands is:

VERB OBJECT-PHRASE QUALIFIERS

Each of these three command-line elements is described below.

## Command-Line Verbs

The first command-line element is the verb, which specifies the type of action.

The DEFINITY AUDIX command-line verbs are the following:

<b>add</b>	<b>copy</b>	<b>help</b>	<b>remove</b>	<b>set</b>
<b>audit</b>	<b>disable</b>	<b>list</b>	<b>reset</b>	<b>status</b>
<b>busyout</b>	<b>display</b>	<b>logoff</b>	<b>restore</b>	<b>test</b>
<b>change</b>	<b>enable</b>	<b>release</b>	<b>save</b>	

Each screen name can be preceded by one or more of these verbs (one at a time), and (possibly) followed by qualifiers, to compose a command that activates the screen.

## Command-Line Objects

The second command-line element is the screen name, or object-phrase. The screen names consist of one or more words (nouns and adjectives) that identify the screen. The screen names are generally (but not always) the same as the title of the screen as it appears on your screen when activated. Examples of object phrases are **alarms**, **measurements**, **remote-messages**, and **attendants**.

## Command-Line Qualifiers

The third command-line element is the qualifier. A command-line qualifier can be a subscriber extension number (**12345**), a date (**7/21/94**), a subscriber name, and other specific parameters.

Wherever possible, the key that uniquely specifies an administrative record is entered on the command line rather than in the screen. For example, you enter **change subscriber 12345** on the command line rather than just **change subscriber** followed by entry **12345** in the screen. This is consistent with the System 75 user interface and eliminates some multiple-stage entries.

Most screens can be activated by more than one version of a command. The different versions of the screen-activation command are distinguished by the verb that begins the command line and by the qualifiers that end the command line. For

example, the Subscriber screen can be activated by four versions of the command:

**add subscriber *subscriber-id***

**change subscriber *subscriber-id***

**display subscriber *subscriber-id***

**remove subscriber *subscriber-id***

All of these commands activate the Subscriber screen, which displays information about the subscriber specified by *subscriber-id*. The **display** and **remove** versions of the command activate a display-only version of the screen. The **add** and **change** version of the command activate a data-entry version of the screen that allows you to make changes to the features assigned to the DEFINITY subscriber specified by *subscriber-id*.

## Command-Line Help

When you enter a command, the **(CHOICES)** (F6) function key displays valid selections for the command part on which the cursor rests. You can select one of the displayed options by using **(TAB)** (Tab), **(←TAB)** (Backtab), and arrow keys, or by typing the initial characters of menu entries.

## Command-Line Abbreviation

You may abbreviate most commands. For example, you could abbreviate **change system-parameters sending-restrictions** as **ch sy s**. You may abbreviate the verb, object, or qualifier(s) by typing the first few letters of each word, in the correct spelling order. (Two exceptions are announcement-set, which is abbreviated **annc**, and class-of-service, which is abbreviated **cos**). Note that hyphenated words such as **system-parameters** are treated as single words.

You can build a command one word at a time. For example, at the beginning of the command line you can press **(CHOICES)** (F6) to see a list of all valid command verbs. If you then type **ch** and press **(RETURN)**, the system expands **ch** to **change** and lists all valid words that can follow **change**. If you then type **sy** and press **(CHOICES)** (F6) the system expands the command line to **change system-parameters** and lists all valid words that can follow.

By using **(CHOICES)** (F6), you can access all possible commands without any prior knowledge of specific commands, command components, or even of the command structure.

The system notifies you if you enter an invalid abbreviation. If you omit a required command qualifier (such as a subscriber name or extension, or a port address) the system will prompt you for the missing information.

**⇒ NOTE:**

The screen-activation commands are listed in the screen descriptions in Chapter 3 as fully expanded commands

## Command History and Command Line Editing

The system maintains a command history of the 10 most recently entered commands. After a screen has been entered, the user can “scroll” back through previous commands by pressing the **▲** (up arrow) key. You can retrieve a previous command to the command line by pressing the **▼** (down arrow) key retrieves the *next* command in the command stack. You can press the following keys to move the cursor or edit the retrieved command line:

<b>CANCEL</b> (F1)	Erases the entire line.
<b>◀</b> (left arrow)	Moves the cursor to the previous word.
<b>TAB</b> (Tab) or <b>▶</b> (right arrow)	Moves the cursor to the next word.
<b>backspace</b>	Deletes the previous character.
<b>CLEAR_FLD</b> (F4)	Erases a single word.
<b>CHOICES</b> (F6)	Displays valid command-line entries for the portion of the command to the left of the cursor.
<b>ENTER</b> (F3)	Expands the command on the entire line, then accesses the screen.

**⇒ NOTE:**

Characters typed in the middle of the command line are inserted, shifting characters to the right of the cursor.

For example, you have just entered the following command and added information for a subscriber with extension 1000:

**add subscriber 1000**

Now you want to add a subscriber with extension 2000. You could perform the following to access the Subscriber screen to add subscriber 2000:

- Press **▲** (up arrow) to retrieve the previous command
- Press **CLEAR\_FLD** (F4) to remove **1000**
- Type **2000**
- Press **ENTER** (F3)

If you added a subscriber then wanted to change the record you just added, you could:

- Press **▲** to retrieve the previous command
- Press **◀** several times to move to the beginning of the line
- Press **CLEAR\_FLD** (F4) to remove **add**
- Type **change** in its place
- Press the **ENTER** (F3) key

## Working in the DEFINITY AUDIX Screen

---

After you log on to the DEFINITY AUDIX, system a blank screen appears with the cursor on the command line. When you type a valid command on the command line and press **ENTER** (F3), or **RETURN**, the requested screen replaces the blank screen.

Some screens have one or more fields into which you can enter data, such as subscriber extension numbers, announcement IDs, or class of service names, etc. All other fields are display-only fields. You cannot enter data into display-only fields.

When you activate a screen, the cursor is initially rests in the first data-entry field. If there are no data-entry fields, the cursor rests at the command line for a one-page screen and rests on the help/error message line for multiple-page screens.

## Screen Help

---

For data-entry screens, the **CHOICES** (F6) function key displays information about the valid entries for the field where the cursor rests. If there are several valid entries, the activity menu displays these entries. You can select a choice by using **TAB** (Tab), **←TAB** (Backtab), and arrow keys, or by typing the initial characters of menu entries.

## Data Entry

---

When a screen with data-entry fields is active, the following keys can be used for navigating through the screen and entering data in fields:

Key	What it Does
<b>TAB</b> or <b>RETURN</b>	Moves the cursor to the next field. From the bottom field, wraps to the top field.
<b>←TAB</b>	Moves to the previous field. From top field, wraps to the bottom field.
<b>▶</b>	Moves to the next field. From bottom field, wraps to the top field.
<b>◀</b>	Moves to the next field to the previous field. From top field, wraps to the bottom field.
<b>▲</b>	Moves to the nearest field on the previous line. From top field, wraps to the bottom field.
<b>▼</b>	Moves to the nearest field on the next line. From bottom field, wraps to the top field.
<b>backspace</b>	Deletes the last character entered in the current field.
<b>CLEAR_FLD</b> (F4)	Clears the current field.

Typing in the fields replaces its original contents. If there are specific entries, the **CHOICES** (F6) key displays valid entries that field. The system also validates and expands fields according to the **CHOICES** entries, when you change a field.

## Windowing on the 715 Terminal

---

If you are using the 715 BCT terminal, you may use its windowing capabilities. You can use the 715 terminal to log on to both the switch and the DEFINITY AUDIX system to perform administration tasks and easily toggle back and forth between the two sessions. The windowing functions are controlled by the four function keys, F1, F2, F3, and F8 as described in the following table.

Key	Operation
Ctrl+F3	Enables the windowing function keys and displays their labels
F1	Turns off the windowing function keys
F2	Switches between the DEFINITY AUDIX system window and the switch window
F3	Switches between split-screen and full-screen modes
Ctrl+F8	Enables the DEFINITY AUDIX function keys and displays their labels. Ctrl+F3 enables the windowing keys again and displays their labels.

---

## Screens Organized by Verb and by Object

# 2

---

This chapter provides two tables that show how administration and maintenance operations can be invoked by combining an action (verb) with a form name (object) and qualifiers. The tables can also help locate the form descriptions in Chapter 3.

The first table shows all possible screen access commands sorted alphabetically by verb, and form name within each verb. The second table lists all forms sorted alphabetically by form name.

### Screens Organized by Verb

Table 2-1, Screens Organized by Verb, lists the commands sorted alphabetically, followed by screen name and identifier. The table consists of the following four columns:

- The Verb column shows all valid verbs that can begin a command to access a DEFINITY AUDIX administration and maintenance screen.
- The Object column shows the objects on which the verbs can act. Each object corresponds to a DEFINITY AUDIX administration and maintenance screen. Note that an object, or screen name, may consist of more than one word.
- The Qualifiers column shows the command qualifiers. The qualifiers, if any, are shown to the right of the screen name (object). Optional qualifiers are shown enclosed in brackets [ ].
- The Login/other column shows the login ID that can execute the command. You may execute most commands with a *cust* (customer) login ID, however several commands require the *craft* login ID. All commands that can be executed with *cust* can also be executed with *craft*. One command, **change system-parameters customer-options**, requires the *init* login ID.

- The Login/other column also identifies the following restrictions that affect the execution of a command:
  - Blank indicates that you may run the command from the *AUDIX* state, but may not run it from the *OA&M* state described below.
  - *OA&M* indicates that these commands can be executed from the *Operations, Administration, and Maintenance* state, at which time only a few core processes are running. These commands may also be run from *AUDIX* state as well, except for the **restore backups** command which may only be run from the *OA&M* state.
  - *AMIS* indicates that the command may only be run if the Audio Messaging Interchange Specification (AMIS) Analog Networking and Message Delivery option has been purchased and enabled from the System-Parameters Customer-Options screen.

Table 2-1. Screens Organized by Verb

Verb	Object	Qualifiers	Login /other	
add	annc-set	<i>set-name</i>	cust	
	machine	<i>machine-name</i>	cust/ AMIS	
	remote-subscriber	<i>name</i>	cust/ AMIS	
	subscriber	<i>[extension]</i>	<i>[name]</i>	cust
		<i>[name]</i>	<i>[extension]</i>	cust
tape		cust O&AM		
audit	mailboxes		cust	
	mailing-lists		cust	
	maintenance-logs		cust	
	names		cust	
	network-data		cust	
	personal-directories		cust	
	subscriber-data		cust	
	switch names (DP mode)		cust	
	switch-translations		cust	
	voice-files		cust	
busyout	port	<i>port-location</i>	<i>[forced]</i>	cust
	switch link (CL mode)			cust
	voice-group	<i>[forced]</i>		cust

Table 2-1. Screens Organized by Verb

Verb	Object	Qualifiers	Login /other	
change	announcement	<i>announcement-ID</i>	cust	
	cos	<i>name or number</i>	cust	
	machine	<i>[machine-name]</i>	cust	
	password		cust	
	remote-subscriber	<i>name   address   machine-name extension</i>	cust/ AMIS	
	subscriber	<i>name   extension</i>	cust	
	switch-link (DP mode)		cust	
	switch-link (CL mode)		cust	
	switch-time-zone		cust	
	system-parameters	activity-log		cust
		analog-network		cust/ AMIS
		customer-options		init
		features		cust
		imapi-options		cust
		limits		cust
		link-log (CL mode)		craft
		maintenance		craft
		outcalling		cust
		password		cust
	sending-restrictions		cust	
thresholds		cust		
tape		cust		
voice-group		cust		
copy	annc-set		cust	
	announcement		cust	
	fragment		cust	
disable	alarm-origination		craft	

Table 2-1. Screens Organized by Verb

Verb	Object	Qualifiers	Login /other	
display	activity-log	<i>extension</i>	cust	
	administration-log		cust	
	alarms		cust	
	announcement	<i>announcement-ID</i>	<i>[annc-set]</i>	cust
	backups		cust/ OA&M	
	cos	<i>name or number</i>	cust	
	errors		craft	
	events		craft	
	fragment	<i>fragment-id</i>	<i>[annc-set]</i>	cust
	machine	<i>machine-name</i>	.	cust
	remote-subscriber	<i>[machine-name]</i>	<i>name or extension</i>	cust/ AMIS
	subscriber	<i>name or extension</i>		cust
	switch-link (DP mode)			cust
	switch-link (CL mode)			cust
	switch-time-zone			cust
		system-parameters	activity-log	cust
			analog-network	cust/ AMIS
			customer-options	cust
			features	cust
			imapi-options	cust
			limits	cust
			link log (CL mode)	craft
			maintenance	cust/ OA&M
			outcalling	cust
			sending-restrictions	cust
		thresholds	cust	
		tape	cust/ OA&M	
		time	cust	
		voice-group	cust	
	enable	alarm-origination		craft
	help			cust

Table 2-1. Screens Organized by Verb

Verb	Object	Qualifiers	Login /other		
list	address-ranges	[starting-address]	cust		
	annc-sets		cust		
	attendants	[starting-extension]	cust		
	configuration		cust/ OA&M		
	cos		cust		
	extensions	[starting-extension]	cust		
	machines	[starting-machine-name]	cust		
	measurements	community	day	[starting-date]	cust
			hour	[starting-date] [starting- hour]	cust
		feature	day	[starting-date]	cust
			hour	[starting-date] [starting- hour]	cust
		load	day	[starting-date]	cust
			hour	[starting-date] [starting- hour]	cust
		remote-messages	day	machine-name [starting-date]	cust/ AMIS
			month	machine-name	cust/ AMIS
		special-features	day	[starting date]	cust
			hour	[starting date] starting- hour	cust
	subscriber	day	name or extension [starting-date]	cust	
		month		cust	
	remote-extensions	machine name	[starting-extensions] [subscriber-type]	cust/ AMIS	
subscribers	[starting-name]		cust		
logoff			cust		
release	port	port-location	cust		
	switch link (CL mode)		cust		
	voice-group		cust		
remove	annc-set	set-name	cust		
	announcement	announcement-ID	cust		
	fragment	fragment-id [annc-set]	cust		
	machine	machine-name	cust/ AMIS		
	remote-subscriber	[machine-name] name or extension	cust/ AMIS		
	subscriber	name or extension	cust		
	tape		cust/ OA&M		

Table 2-1. Screens Organized by Verb

Verb	Object	Qualifiers	Login /other
reset	system	oa&m	cust/ OA&M
		reboot	cust/ OA&M
		restart	craft/ OA&M
		shutdown	cust/ OA&M
restore	backups <b>(OA&amp;M is required when running this command)</b>		cust/ OA&M
save	announcements	[rewind]	cust/ OA&M
	nightly		cust/ OA&M
	voice		craft/ OA&M
	weekly		cust/ OA&M
set	time		cust/ OA&M
status	alarm-origination		cust/ OA&M
	audit		cust
	disk	[scsi-location]	craft/ OA&M
	switch-link (CL mode)		cust/ OA&M
	tape		cust/ OA&M
	test		cust
	voice-group		cust
test	alarm-origination		craft
	board	board-location [long]	craft
	port	port-location long [repeat n]	craft
	lan	[dest address] [long]	
	switch-link (CL mode)	[long or looparound]	craft
	tape	[long or clean]	cust

## DEFINITY AUDIX Screens Organized by Object

Table 2-2 lists the screen names (object-phrase) in alphabetical order. The associated command(s) are listed in the first column, to the left of the screen names. The organization of this table reflects the organization of Chapter 3, Screen Descriptions

**Table 2-2. Screens Organized by Screen Name**

Command	Screen Name
display	activity-log
list	address-ranges
display	administration-log
enable/disable	alarm-origination
status	alarm-origination
test	alarm-origination
display	alarms
add/remove	annc-set
copy	annc-set
list	annc-sets
change/display/remove	announcement
copy	announcement
save	announcement
list	attendants
status	audit
display/restore	backups
test	board
list	configurations
change/display	cos
list	cos
status	disk
display	errors
display	events
list	extensions
display/remove	fragment
copy	fragment
	help
test	lan
add/change/display/remove	machine
list	machines
audit	mailboxes

Table 2-2. Screens Organized by Screen Name

Command	Screen Name
audit	mailing-lists
audit	maintenance-logs
list	measurements community day
list	measurements community hour
list	measurements feature day
list	measurements feature hour
list	measurements load day
list	measurements load hour
list	measurements remote-messages day
list	measurements remote-messages month
list	measurements special-features day
list	measurements special-features hour
list	measurements subscriber day
list	measurements subscriber month
audit	names
audit	network-data
save	nightly
change	password
audit	personal-directories
busyout/release	port
test	port
list	remote-extensions
add/change/display/remove	remote-subscriber
add/change/display/remove	subscriber
audit	subscriber-data
list	subscribers
change/display	switch-link (CL mode)
change/display	switch-link (DP mode)
busyout/release	switch-link (CL mode)
status	switch-link (CL mode)
test	switch-link (CL mode)
audit	switch-names (DP mode)
change/display	switch-time-zone
audit	switch-translation
reset	system oa&m
reset	system reboot

Table 2-2. Screens Organized by Screen Name

Command	Screen Name
reset	system restart
reset	system shutdown
change/display	system-parameters activity-log
change/display	system-parameters analog-network
change/display	system-parameters customer-options
change/display	system-parameters features
change/display	system-parameters imapi-options
change/display	system-parameters limits
change/display	system-parameters link-log (CL mode)
change/display	system-parameters maintenance
change/display	system-parameters outcalling
change	system-parameters password
change/display	system-parameters sending-restrictions
change/display	system-parameters thresholds
add/change/display/remove	tape
status	tape
test	tape
status	tests
display/set	time
save	voice
audit	voice-files
busyout/release	voice-group
change/display	voice-group
status	voice-group
save	weekly

This chapter contains descriptions of the screens arranged in alphabetical order by screen name. The command precedes the screen. For example, the screen name for the **list measurements community day** command is “measurements community day”. The screen name appears at the beginning of each screen description.

Each screen description contains the following:

- Brief description of what the screen does
- Command(s) used to access the screen
- NOTE: pertaining to screen permissions or other command restrictions (if applicable)



**NOTE:**

Most screens require only the *cust* login. If a screen requires *craft* or *init* login, or has some other specific requirement, that is NOTE:d in the screen description.

- Screen example
- Field descriptions
- Sample task (for more complicated screens)
- Additional specifications (optional)

More complicated commands, such as **audit**, **save**, **reset**, **restore**, and **test** have a Sample Tasks section that shows you how to use the screen. For more basic screens, the commands are shown in the following section, *Command Formats*.

## Command Formats

---

The basic screen commands work as described below, in alphabetical order.

Add:

1. Type **add object [qualifier]** and press **ENTER** (F3).
2. Move the cursor to the each field whose value you wish to enter or change and type the value.
3. For multiple-page screens, press **NEXTPAGE** (F7) or **PREVPAGE** (F8) to move to the next or previous page.
4. When you have completed the desired changes, press **ENTER** (F3) to invoke the add operation.

Busyout:

1. Type **busyout object [qualifier]** and press **ENTER** (F3).
2. Press **ENTER** (F3) to confirm the busyout operation or press **CANCEL** (F1) to exit the screen without invoking the busyout operation.

Change:

1. Type **change object [qualifier]** and press **ENTER** (F3).
2. Move the cursor to the field whose value you wish to change and type the new value.
3. Repeat step 2 for each value you wish to change.
4. For multiple-page screens, press **NEXTPAGE** (F7) or **PREVPAGE** (F8) to move to the next or previous page.
5. When you have completed the desired changes, press **ENTER** (F3) to invoke the specified changes.

Copy:

1. Type **copy object [qualifier]** and press **ENTER** (F3).
2. Move the cursor to the field whose value you wish to change and type the new value.
3. When you are finished entering the values, press **ENTER** (F3) to invoke the specified copy.

Disable:

1. Type **disable object [qualifier]** and press **ENTER** (F3).
2. Press **CANCEL** (F1) to enable and exit the screen.

## Display:

1. Type **display object [qualifier]** and press **ENTER** (F3).
2. If necessary, enter a date range or other qualifying entries, then press **ENTER** (F3).
3. For multiple-page screens, press **NEXTPAGE** (F7) to view the next page or **PREVPAGE** (F8) to view the previous page.
4. Press **CANCEL** (F1) to exit the screen.

## Enable:

1. Type **enable object [qualifier]** and press **ENTER** (F3).
2. Press **CANCEL** (F1) to disable and exit the screen.

## List:

1. Type **list object [qualifier]** and press **ENTER** (F3).
2. For multiple-page screens, press **NEXTPAGE** (F7) to view the next page or **PREVPAGE** (F8) to view the previous page.
3. Press **CANCEL** (F1) to exit the screen.

## Release:

1. Type **release object [qualifier]** and press **ENTER** (F3).
2. Press **ENTER** (F3) to confirm the release operation or press **CANCEL** (F1) to exit the screen without invoking the release operation.

## Remove:

1. Type **remove object [qualifier]** and press **ENTER** (F3).
2. For some commands, the screen appears displaying the item you specified for removal. In this case, verify that you want this item removed.
3. Press **ENTER** (F3) to invoke the remove operation, or press **CANCEL** (F1) to exit the screen without invoking the remove operation.

## Status:

1. Type **status object [qualifier]** and press **ENTER** (F3).
2. Press **CANCEL** (F1) to exit the screen.

## Save:

1. Type **save object [qualifier]** and press **ENTER** (F3).
2. Press **ENTER** (F3) to invoke the save operation or press **CANCEL** (F1) to cancel the save operation.

Test:

1. Type **test *object [qualifier]*** and press **ENTER** (F3).
2. Press **ENTER** (F3) to start the test or press **CANCEL** (F1) to return to the command line while running the test.

## display Activity Log

The Activity Log screen displays entries in the activity log, corresponding to the subscriber extension entered on the command line. This screen may take several minutes to execute depending on the system load and the size of the log file.

### display activity-log *extension*

where ***extension*** is a 3- to 10-digit extension of the local subscriber whose activity log is being displayed.

The Activity Log screen has two pages. The first page displays the extension entered on the command line and the corresponding subscriber's name. If you want to view specific activity log entries, on the first page enter the date and time for the start of the activity-log entries.

```

drmfbl0 Active Alarms: none Thresholds: none Logins: 1
display activity-log 3110 Page 1 of 1
ACTIVITY-LOG REPORT

Subscriber Extension: 3110
Subscriber Name: applegate,david

SELECTION CRITERIA
Starting Date: 03/12/94 Time: :
Ending Date: / / Time: :

enter command: display activity-log 3110
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

The second page displays the activity-log entries. Press **NEXTPAGE** (F7) to view the next page, if any.

```

drmfbl0 Active Alarms: A Thresholds: none Logins: 1
display activity-log 3110 Page 1
ACTIVITY-LOG REPORT
Subscriber Name: applegate,david Extension: 3110
DATE TIME ACTIVITY DESCRIPTION
03/12/94 22:52 mwi-off
03/13/94 00:11 mwi-off
03/13/94 01:13 mwi-off
03/13/94 01:43 mwi-off
03/13/94 03:02 mwi-off
03/13/94 04:21 mwi-off
03/13/94 05:41 mwi-off
03/13/94 07:00 mwi-off
03/13/94 08:19 mwi-off
03/13/94 09:39 mwi-off
03/13/94 10:58 mwi-off
03/13/94 12:17 mwi-off
03/13/94 13:37 mwi-off
03/13/94 14:56 mwi-off
03/13/94 16:15 mwi-off

Press [NextPage] or [Cancel] to abort
enter command: display activity-log 3110
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage
    
```

## Field Descriptions

Field Name	Description	Valid Entries	Default
<b>Page 1</b>			
Subscriber Extension	Extension entered on the command line.	display-only field	
Subscriber Name	Name of the subscriber corresponding to the extension entered on the command line.	display-only field	
Starting Date — Month	Starting month for the activity log report.	blank 1 to 12	blank or month last entered
<b>NOTE:</b> If the starting month is blank, all starting date and time fields must be blank. This displays the earliest available data for this subscriber. If ending month is non-blank, the day and year fields must be non-blank.			
Starting Date — Day	Day of the given month the activity log report should begin.	blank 1 to 31	blank or day last entered
Starting Date — Year	Year the activity log report should begin. A year < 90 is assumed to be in the 21st century.	blank 1 to 99	blank or year last entered

Field Name	Description	Valid Entries	Default
Starting Time — Hour	Starting hour of the activity log report.	blank 0 to 23	blank or hour last entered
Starting Time — Minute	Starting minute of the activity log report. If the hour field is non-blank, this field must be non-blank.	blank 0 to 59	blank or minute last entered
Ending Date— Month	Ending month for the activity log report.	blank 1 to 12	current month
<b>NOTE:</b> If the ending month is blank, all ending date and time fields must be blank. This makes the ending date and time are the current date and time. If the ending month is non-blank, the day and year fields must be non-blank.			
Ending Date — Day	Day of the given month the activity log report should end.	blank 1 to 31	current day
Ending Date — Year	Year the activity log report should end. A year < 38 is assumed to be in the 21st century.	blank 0 to 37 90 to 99	current year
Ending Time — Hour	Ending hour of the activity log report.	blank 0 to 23	current hour
Ending Time — Minute	Ending minute of the activity log report. If the ending hour field is non-blank, this field must be non-blank.	blank 0 to 59	current minute

**PAGE 2**

The following fields are display only.

DATE	Date that the activity was logged.	
TIME	Time that the activity was logged.	
ACTIVITY	Activity identifier for each activity-log entry. The activity identifier is a 5- to 9-character string indicating the activity.	log-in, log-off, received, scheduled, canceled, status, mwi-on, mwi-off, or reset.
DESCRIPTION	Description of the activity-log entry.	



## display Administration Log

The Administration Log screen displays problems that can be solved by the administrator.



### NOTE:

The administrator should monitor this log on a regular basis and correct the problems promptly. See Appendix A for a list of possible administration-log entries and suggested remedial actions.

### display administration-log

The Administration Log screen has two pages as shown below. The first page of the screen is used to select the administration alarm-entries to be displayed in the report. To display all alarms from the beginning of the log file, blank all fields on the first page using the `(CLR_FLD)` (F4) key. To select a subset of alarm entries to be displayed, enter values in the Start Date, Time, and/or Type fields.

```

drmfbl0 Active Alarms: A Thresholds: none Logins: 1
display administration-log Page 1 of 1
ADMINISTRATION LOG

The following options control which entries will be displayed.

Start Date: 03/11/94 Time: 10:22
Type:

enter command: display administration-log
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

The second page displays the selected alarms. Press **NEXTPAGE** (F7) to move to the next page of the list.

```

drmf10 Active Alarms: none Thresholds: none Logins: 1
display administration-log Page 1
ADMINISTRATION LOG

Date Time Type Alarm
03/12/94 01:22 spce Approaching end of tape - room for 1 more automated save ni
ghtly's
03/13/94 01:08 aanb No buttons for attendant, sub=<general medical auto attd> e
xt=<3403>.
03/13/94 01:08 aanb No buttons for attendant, sub=<hospitalization auto attd> e
xt=<3404>.
03/13/94 01:08 aanb No buttons for attendant, sub=<vision auto attd> ext=<3405>
03/13/94 01:08 aanb No buttons for attendant, sub=<dental auto attd> ext=<3406>
03/13/94 01:08 aanb No buttons for attendant, sub=<basic audix auto attd> ext=<
3407>.
03/13/94 01:08 aanb No buttons for attendant, sub=<advanced audix auto attd> ex
t=<3408>.
03/13/94 01:08 aanb No buttons for attendant, sub=<night service auto attd> ext
=<3410>.
Press [NextPage] or [Cancel] to abort
enter command: display administration-log
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage
    
```

## Field Descriptions

Field Name	Description	Valid Entries	Default
<b>SELECTION PAGE</b>			
The first time this screen is used after installation, the fields on the selection page are blank. This screen-last-used date and time are preserved across restarts.			
Start Date	Beginning date for the log report. Any year < 70 is assumed to be the 21st century.	blank (displays all qualifying alarms) date in mm/dd/yy format	date last entered
Time	Beginning hour and minute of the given day for the log report. The Start Date field must have valid entries before this field can be used.	blank (displays all alarms for the specified Start Date) hh:mm format	time last entered
Type	Administration alarm type the report should display. Refer to Appendix A for valid admin. alarm types.	blank (reports all admin. alarm types). four alphanumeric characters. If this field contains an alarm type, alarms of only that type are displayed.	blank

---

Field Name	Description	Valid Entries	Default
<b>DISPLAY PAGE</b>			
The Administration Log Report displays the following fields for each alarm:			
Date	Date the admin. alarm was logged.		
Time	Time on the given date the admin. alarm was logged.		
Type	Four-character code representing the admin. alarm type. Refer to Appendix A for valid admin. alarm types.		
Alarm	Description of the admin. alarm, two lines for each alarm.		

### **Additional Specifications**

Appendix A contains a list of possible administration-log entries and suggested remedial actions.

## enable/disable Alarm-Origination

The Alarm-Origination screen is used to temporarily disable (or re-enable) the automatic alarm reporting feature. It is typically used by AT&T personnel to disable alarm reporting while troubleshooting and repairing the system. (Alarm-origination is automatically re-enabled when the login that disabled it logs off.)

**enable alarm-origination**

**disable alarm-origination**

Pressing **(ENTER)** (F3) after initially entering the screen will disable (or re-enable) the alarm origination feature.



**NOTE:**

This commands requires *craft* or higher-level login permissions.

```
ax85      Active   Alarms:  A  Thresholds: none           Logins: 1
enable alarm-origination                               Page 1 of 1
┌
      DISABLE/ENABLE ALARM-ORIGINATION

      This command will temporarily disable (or re-enable) the automatic
      alarm reporting feature.

└
enter command: enable alarm-origination
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage
```

## Field Descriptions

This is a display-only screen. There are no data-entry fields.

## status Alarm-Origination

The status Alarm-Origination screen displays the current status of the alarm-origination feature.

### status alarm-origination



#### NOTE:

This screen can be accessed while the DEFINITY AUDIX system is in the OA&M state.

```

drmf10 Active Alarms: A Thresholds: none Logins: 1
status alarm-origination Page 1 of 1
STATUS ALARM-ORIGINATION

alarm origination: off

remote access port:
    status: incoming
    data rate: 2400

enter command:
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

## Field Descriptions

Field Name	Description	Valid Entries (display only)
alarm-origination	Current alarm-origination state	off (alarm origination is turned off) active (an alarm call in progress) enabled (alarm origination is enabled but currently idle) disabled (alarm origination is temporarily disabled)
<b>remote access port</b>		
status	Current status of the remote access port.	Incoming, Outgoing, Idle
data rate	Currently administered data transmission rate.	1200, 2400, 4800, 9600.

## test Alarm-Origination

The test Alarm-Origination screen initiates a demand alarm-origination test and displays the results of the test.

### test alarm-origination

- Press **ENTER** (F3) after initially entering the screen to start the test.
- Press **CANCEL** (F1) after initially entering the screen to return the user to the command line without starting the test.
- Press **ENTER** (F3) after starting the test to put the test in the background and returns the user to the command line.
- Press **CANCEL** (F1) after starting the test to abort the test and return the user to the command line.



#### NOTE:

This command requires the *craft* or higher-level login permissions.

```

ax85      Active Alarms:  A Thresholds: none           Logins: 1
test alarm-origination                               Page 1 of 1
TEST RESULTS                                         Date: 05/31/94 09:16

Resource  Loc.   Test Name           Most Recent      Test Counters:
          Test Result
ALARM_ORIG 03C07 Test Alarm Orig Port 0           0           0
ALARM_ORIG 03C07 Test Alarm Orig Call 0           0           0

Press [Enter] to execute
enter command: test alarm-origination
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage
    
```

## Field Descriptions

Field Name	Description	Valid Entries (display only)
Date	Date and time test was requested.	
Resource	Type of resource being tested.	

Field Name	Description	Valid Entries (display only)
Loc.	Location of the alarm-origination resource.	7-character string that indicates port-network, carrier, slot, and port. For example, 01a0201 indicates port-network=01, carrier=a, slot=02, port=01.
Test Name	Name of test being executed.	
Most Recent Test Result	Code indicating the results of the last tests run.	blank (test not executed) R (test is running) P (last test passed) F (last test failed) A (last test aborted)
Test Result-String	Additional test-result information.	

### Test Counters

Pass	No. of times the test has passed since the test command was executed.
Fail	No. of times the test has failed since the test command was executed.
Abort	No. of times the test has aborted since the test command was executed.

### Additional Specifications

While the test is running, you have three options:

1. Press **CANCEL** (F1) to abort the test and return to the command line.
2. Wait for the test to complete.
3. Press **ENTER** (F3) to put the test in the background and return to the command line.

Type **status test** to reconnect to the screen of a test running in background, or to display the results of the most recently completed test.

A one-minute delay was added to R3.1 to allow remote testing (test will fail busy if you are logged on remotely). To use this test feature:

1. Start test.
2. Put in background.
3. Logoff.
4. Log back in after one minute.
5. Check log for pass/fail status.

## display Alarms

This screen displays active or resolved DEFINITY AUDIX system alarms.

### display alarms

The display Alarms screen has two pages as shown below. Use the first page to specify which alarms are to be displayed in the report.

```

ax85      Active  Alarms:  A  Thresholds: none          Logins: 1
display alarms
ALARM REPORT
Page 1 of 1

The following options control which alarms will be displayed.

ALARM TYPES
Active? y      Resolved? n
Major? y      Minor? y      Warning? y

Start Date: 03/01/94      Time:  :

Resource Type:      Location:      Fault code:

enter command: display alarms
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage
    
```

The second page displays the requested alarm information

```

drmf2     Active  Alarms:0  Thresholds: none          Logins: 2
display alarms
ALARM REPORT

Resource   Location  Alm  Fault  Ack?  Date/Time      Date/Time  Resolve
Type       Lvl      Code  Alarmed
SOFTWARE   01A02    MIN  601    n     03/25/94 14:39
TAPE       01A0201  WRN  4      n     03/26/94 01:00
SWITCHLINK 01A0202  WRN  98     n     03/25/94 14:39

enter command:
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage
    
```

## Field Descriptions

Field Name	Description	Valid Entries
<b>NOTE:</b>		
The first time this screen is used after a restart or reboot, the fields on the selection page of the screen are blank. Subsequently, each field on the selection page of the screen is populated with the value entered the last time the screen was used		
<b>SELECTION PAGE</b>		
<b>ALARM TYPES</b>		
Active?	Displays active alarms in the alarm report.	y (display active alarms) n (not display active alarms)
<b>NOTE:</b>		
There must be a <b>y</b> in either the Active field or the Resolved? field for alarm entries to be displayed in the report. You must request either active or resolved alarms, but not both alarms simultaneously.		
Resolved?	Displays resolved alarms in the alarm report.	y (display resolved alarms) n (not display resolved alarms)
<b>NOTE:</b>		
You may request major alarm, minor alarm, warning, or any combination of these for a report.		
Major?	Displays major alarms in the alarm report.	y (display major alarms) n (not display major alarms)
Minor?	Displays minor alarms in the alarm report.	y (display minor alarms) n (not display minor alarms)
Warning?	Displays warnings in the alarm report.	y (display warnings) n (not display warnings)
Start Date	Beginning date for the alarm report. yy < 70 is assumed to be the 21st century.	blank (displays all active or resolved alarms) date in mm/dd/yy format
Time	Beginning hour and minute of the given day for the alarm report. The Start Date field must have valid entries before this field can be used.	blank (displays all alarms for the specified Start Date) time in hh:mm format
Resource Type	Specific type of alarmed resource for the alarm report. If this field contains a resource type, only alarms related to the specified resource type are displayed.	any resource type defined in <i>DEFINITY AUDIX System — Maintenance</i> , 585-300-110.

Field Name	Description	Valid Entries
Location	<p>Further specifies the alarm report by requesting a DEFINITY AUDIX system location for the fault resource type. If this field contains a location, the Resource Type field must contain a value. Displays only alarms related to the specified resource type and location. To view valid locations for this system, access <b>list Configuration</b> or <b>display Voice-Group</b> screens.</p> <p><b>NOTE:</b>                      A board location consists of only five characters that specify the port-network, the carrier, and the slot. If the first five characters specify a valid board location, entering digits in the 6th and 7th positions (for a port) will generate an error message. A port location requires all seven characters. Valid ranges are:                      Port-network 0 - 99                      Carrier A - E                      Slot 01 - 24                      Port 01 - 24</p>	<p>5- to 7-character port address of the screen port-network (2 digits), carrier (1 letter), slot (2 digits), and port (2 digits). For example, 01a0201 specifies a port location as follows: port-network=01, carrier=a, slot=02, and port=01.</p>
Fault Code	<p>Fault code for the given resource type. If this field contains a fault code, displays only alarms with this fault code.</p> <p><b>NOTE:</b>                      Each resource type has its own set of fault codes. Therefore, specifying a fault code without a resource type name can display multiple resource types with the same fault code.</p>	<p>0 - 9999</p>

**DISPLAY PAGE**

Resource Type	Specific type of alarmed resource.	Possible values in this field are any resource type defined in <i>DEFINITY AUDIX System — Maintenance</i> , 585-300-110
Location	5- to 7-character location for the fault resource type.	
Alm Lvl	Alarm severity level.	MAJ (major), MIN (minor), WRN (warning)
Fault Code	Fault code for a specific alarm for the given resource type. Each resource type has its own set of fault codes.	0 to 9999
Ack	Indicates whether the alarm was present during the last alarm origination call, i.e., the alarm has been reported to the services organization. However, alarms may not have been sent if there were a significant number of higher priority alarms.	y (alarm was present during the last referral call) n (alarm was not present during the last referral call)

---

Field Name	Description	Valid Entries
Date/Time Alarmed	Date and time the alarm was raised against the given resource. This field should always have a value.	If the Date/Time Resolved fields are blank, the alarm is currently active.
Date/Time Resolved	Date and the time the alarm was resolved If these fields are blank, the alarm is currently active.	If only active alarms are displayed, these fields should always be blank. If only resolved alarms are displayed, this field should always have a value.
Resolve Reason	Cause of the alarm resolution. This field is blank for active alarms.	Maint (resolved by maintenance, resource recovered.) Reboot (system rebooted. All active alarms resolved.) Remove (alarm resolved by removing the resource.)

## add/remove Annc-Set

---

The Announcement Set screen is used to add or remove an announcement set.

**add annc-set *annc-set-name***

**remove annc-set *annc-set-name***

where the ***annc-set-name*** is the name of the announcement set to be added or removed.

```

drmf2      Active   Alarms: 0   Thresholds: none           Logins: 2
add annc-set spanish                                           Page 1 of 1

                ANNOUNCEMENT SET

Announcement Set : spanish

Press [ENTER] to execute or press [CANCEL] to abort
enter command: add annc-set spanish
1Cancel  2Refresh  3Enter  4ClearFld 5Help  6Choices 7NextPage 8PrevPage
    
```

## Field Descriptions

---

Field Name	Description (display only)
Announcement Set	Name of the announcement set being added or removed, as entered on the command line. For <b>add</b> , the annc. set named by <b><i>annc-set-name</i></b> must not exist and must be touch-tone unique with other existing annc. set names. For <b>remove</b> , the annc. set named by <b><i>annc-set-name</i></b> must exist and must not be the active annc. set.

## copy Annc-Set

The copy Announcement Set screen is used to create a copy of an announcement set. Copying an announcement set typically takes about two minutes.

### copy annc-set

```

drmf11 Active Alarms: A Thresholds: none Logins: 1
copy annc-set Page 1 of 1
COPY ANNOUNCEMENT SET

From Announcement Set: us-eng-t
To Announcement Set: us-eng-temp

enter command: copy annc-set
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

## Field Descriptions

Field Name	Description	Valid Entries
From Announcement Set	Name of the announcement set to be copied.	required input field valid annc. set name of up to 14 alphanumeric characters
To Announcement Set	Name of the announcement set into which the From Annc. Set is to be copied.	required input field valid announcement set name of up to 14 alphanumeric characters You cannot specify the active announcement set or the From Announcement Set in this field.

## list Annc-Sets

---

The list Announcement Sets screen displays the names of the existing announcement sets.

### list annc-sets

```
drmf10 Active Alarms: wA Thresholds: none Logins: 1
list annc-sets
ANNOUNCEMENT SETS
Announcement Set Version Announcement Set Version
us-eng R3.1-1 us-eng-t R3.1-1
enter command:
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage
```

This is a display-only screen. There are no data-entry fields.

## change/display/remove Announcement

The Announcement screen is used to view and change the composition of announcements.

**change announcement *announcement-id***

**display announcement *announcement-id***  
**display announcement *announcement-id annc-set-name***

**remove announcement *announcement-id***

where the ***announcement-id*** is the announcement identifier from a1 to a5000 and ***annc-set-name*** is the name of the announcement set.



### NOTE:

This screen cannot be activated while system is in shutdown mode.

```

drmf22 Active Alarms: 0 Thresholds: none Logins: 2
display announcement a330 us-eng Page 1 of 1
ANNOUNCEMENT
Announcement Set: us-eng Announcement Id: a330
Version Timestamp: 03/15/94 08:05
Mod? Frag Composition
y f713 talk
y f708 talk

enter command:
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

## Field Descriptions

Field Name	Description	Valid Entries
Announcement Set	For <b>change</b> and <b>remove</b> , displays the administrative annc. set name. For <b>display</b> , displays the annc. set from command line or the admin. annc. set name from System-Parameters Features screen not entered.	defaults to admin. annc. set

## Screen Descriptions

---

<b>Field Name</b>	<b>Description</b>	<b>Valid Entries</b>
Announcement Id	Annc. ID entered on the command line.	display only
Version Timestamp	This field is changed every time an annc. is updated.	display only
Mod?	Indicates if the recorded fragment on the line has been changed; or a blank for lines that are a continuation of the previous line or for lines that cannot be edited.	display only y (frag. changed) n (frag. not changed)
Frag	ID of fragment being included in the announcement. Rules for an announcement are determined by this value together with the value of the Composition field.	f0 to f5000
Composition	Language rules that determine how to select the fragments to be played. The rules for an announcement are determined by this value together with the value of the Frag field.	

## copy Announcement

The copy Announcement screen is used to copy an announcement, generally from one announcement set to another. You can also use this screen to copy an announcement to a new announcement id within the same announcement set.



### WARNING:

*Modifications made with this screen can change announcements heard by users.*

### copy announcement

```

drmf2    Active    Alarms: 0    Thresholds: none    Logins: 2
copy announcement                                Page 1 of 1

                                COPY ANNOUNCEMENT

From Announcement Set: us-eng-t    Announcement Id: 54
To Announcement Set: us-eng-temp    Announcement Id: 54

enter command: copy announcement
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage

```

## Field Descriptions

Field Name	Description	Valid Entries
From Announcement Set	Announcement set from which the announcement is copied. To view, use <b>list annc-set</b> .	required input field valid annc. set names
Announcement Id	Announcement to be copied.	a1 to a5000
To Announcement Set	Name of the announcement set into which the announcement is copied.	valid annc. set names Defaults to From Announcement Set name
Announcement Id	Announcement to be copied to.	a1 to a5000

## save Announcements

The save Announcements screen performs a manual backup to tape of the announcements filesystem.

### save announcements

*Appends* the backup to the end of the existing backups on the tape.

### save announcements rewind

*Rewinds* the tape before the backup begins. This operation will erase the tape.



#### NOTE:

This screen can be accessed while the DEFINITY AUDIX system is in the OA&M state.

```

ax85      Active  Alarms:  A  Thresholds: none      Logins: 1
save announcements      Page 1 of 1
          SAVE ANNOUNCEMENTS

Status of most recent "save announcements" backup: not run

Press [ENTER] to execute or press [CANCEL] to abort
enter command: save announcements
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage
    
```

## Field Descriptions

Field Name	Description	Valid Entries (display only)
Status of most recent "save announcements" backup	Status of the most recent invocation of the save announcements backup.	in progress (save currently running) failed (save failed) completed (save completed successfully) not run (save not run since last restart/reboot)

### **Additional Specifications**

A tape must be administered to execute this operation.

Once started, the save announcements operation cannot be cancelled.

The save is run in the background, which means the operation is still running for some time even after the screen displays `Command Completed Successfully`. To check the status of the background save, reactivate the save Announcements screen.

This operation saves all announcement sets. You cannot save a single announcement set by itself.

## list Attendants

The list Attendants screen displays the automated attendants by their extension numbers. The list is in numerical order by extension number.

### list attendants

#### list attendants *extension*

where *extension* specifies the extension number that the list is to begin with.

```

ax85      Active   Alarms:   A  Thresholds: none          Logins: 1
list attendants                                     Page 1
LIST ATTENDANT

Extension  Name
85876     TDD, Test
89000     Auto Atnd 1
90000     Auto attd1
90001     Auto attd2
91321     EAA end of no pref questions
91322     EAA end of R2 questions
91323     EAA no User Iface preference
91324     EAA no Voice Qual preference
91325     EAA no Reliability preference
91326     EAA no MWI preference
91327     EAA Overall prefer R2
91328     EAA end of R1 questions
91329     EAA MWI prefer R1
91330     EAA MWL prefer R2
91331     EAA Reliability prefer R1

Press [NextPage] for more data or [Cancel] to abort
enter command: list attendants
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage
    
```

## Field Descriptions

Field Name	Description (display only)
Extension	Extensions of the automated attendants.
Name	Names of the automated attendants associated with the listed extensions.

## **status Audit**

---

The **status Audit** command reconnects to the audit screen that was most recently run from the login port. The screen displayed is one of the audit screens described elsewhere in this chapter.

### **status audit**

## **Field Descriptions**

---

The **status audit** command displays the screen of the most recently run audit, if any.

## **Sample Tasks**

---

To check the status of a demand audit:

1. Type **status audit** and press **ENTER** (F3). The form for the most recently run audit appears. If an audit is currently running, the screen for that audit is activated. You can wait for the audit to finish or you can take on of the two following steps:
  - a. Press **CANCEL** (F1) to abort the audit and exit the screen.
  - b. Press **ENTER** (F3) to return to the audit background mode and return to the command line.

## **Additional Specifications**

---

If the **status audit** command is issued while an audit is running, reconnection with the audit screen is done after completion of the audit step. Therefore, it could take up to two minutes to reconnect to the audit screen.



## Field Descriptions

---

Field Name	Description	Valid Entries
<b>NOTE:</b> All fields except Backup Number to Restore are display only		
Backup Number to Restore	Number of the backup that is to be restored. Required input field for <b>restore backups</b> .	Any no. in the Number column in the VOLUME CONTENTS section of this screen. Defaults to no. of latest nightly or weekly backup
Volume Label Type	Volume type as read from the label of the restore tape.	backup (used for nightly or weekly backups of customer data) generic (used for AT&T-provided files, including system anncs.)
Volume Label Name	Volume name as read from the label of the restore tape.	
Software Release	Software release as read from the label of the restore tape.	48 characters
Machine Name	Machine name as read from the label of the restore tape.	10-character machine name
Creation Date	Tape creation date as read from the label of the restore tape.	mm/dd/yy format

### VOLUME CONTENTS

Number	Number identifying the backup to be read from tape. The backups are numbered from most recent backup to oldest backup.	1 to 32 characters
Type	Type of the corresponding backup:  automated_nightly (nightly backup done automatically) manual_nightly (nightly backup done manually, on demand) automated_weekly (weekly backup done automatically) announcements (backup of announcements. The corresponding Name field shows the name of the announcement filesystem subdirectory from which the backup was taken.) voice (backup of voice filesystems) AT&T_software (AT&T-Provided file that has been packaged using cpio. The corresponding Name field shows the name of the file as read from the file label on tape.) sys_dump (debugging info. used by AT&T personnel) manual_weekly (weekly backup done manually, on demand)	
Name	Name of the backup, if any	Read from the subname field of the tape file label
Date	Date the corresponding backup was made.	mm/dd/yy format

Field Name	Description	Valid Entries
Time	Time that the corresponding backup was made.	hh:mm format

### Sample Tasks

---

A tape cartridge must be mounted before you can display or restore backups. If a tape is not mounted, or if the wrong tape cartridge is mounted, first use the Tape screen to display, change, or add a tape cartridge.

To display the backups on a tape:

1. Type **display backups** and press **ENTER** (F3).
2. Press **NEXTPAGE** (F7) to view the next page.
3. Press **PREVPAGE** (F8) to view the previous page.
4. Press **CANCEL** (F1) to exit the screen.

To restore data from tape, the DEFINITY AUDIX system must be in the OA&M state. If the system is already in the OA&M state, skip to step 4.

1. Type **reset system oa&m** and press **ENTER** (F3). The first page of the screen appears. This will stop voice\_mail service.
2. Press **ENTER** (F3) to begin a reset (that *cannot be cancelled*) to the OA&M state, or press **CANCEL** (F1) to exit the screen without performing the reset.
3. The second page of the screen displays if **ENTER** (F3) was pressed. There are two options:
  - Wait for the reset to complete.
  - Press **ENTER** (F3) to cause a forced reset (ports are idled and the reset begins immediately).

When the reset to the OA&M state is complete,

1. Type **restore backups** and press **ENTER** (F3).
2. Type the number of the backup to be restored in the Backup Number to Restore field.
3. Press **ENTER** (F3) to invoke the restore operation or **CANCEL** (F1) to exit the screen without restoring the backup. (Once started, a restore operation cannot be interrupted until completed.)

## test Board

The test Board screen initiates a demand board test series on an Multifunction Board (MFB) or alarm board and displays the results of the test.

### test board *loc*

where *loc* identifies the board (*MFB* or *alarm*) to be tested.

### test board *loc* long

If *long* is specified, the long test is performed; otherwise, the short test is performed. If the long test is performed, the ports for this board must first be busied-out using the Busyout Voice-Group screen.



#### NOTE:

The activation commands for this screen can be executed by users with *craft* or higher-level login permissions.

```

drmb2      Active   Alarms: 0   Thresholds: none           Logins: 2
test board 01a02                                     Page 1 of 1
TEST BOARD RESULTS                                     Date: 03/24/94 09:02

Resource   Loc.    Test Name           Most Recent      Test Counters:
            Test Result
EMB_MFB    01A02  Test H/W Time      0                0 0 0
EMB_MFB    01A02  Check FAC stat     0                0 0 0
EMB_MFB    01A02  Test Angel         0                0 0 0
SCSI_CHIP  01A0200 Test SCSI $IOP     0                0 0 0
SYS_TIME   01A02  Tst Adx vs Sw Time 0                0 0 0
USART      01A0201 Test UART           0                0 0 0
SWITCHLINK 01A0202 Test UART           0                0 0 0

Press [Enter] to execute
enter command: test board 01a02
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

## Field Descriptions

Field Name	Description (display only)
Date	Date and time that the test was requested.
Resource	Name of resource being tested.

Field Name	Description (display only)
Loc.	Location of the resource being tested. 5-character string that indicates port-network, carrier, and slot. For example, 01a02 indicates port-network=01, carrier=a, slot=02.
Test Name	Name of test being executed.
Most Recent Test Result-Code	Code indicating the result of the test blank (test has not been executed) R (test is running) P (last test passed) F (last test failed) A (last test aborted)
Most Recent Test Result-String	20 characters of text of additional test-result information.
<b>Test Counters</b>	
Pass	Number of times the test has passed since the test command was executed.
Fail	Number of times the test has failed since the test command was executed.
Abort	Number of times the test has aborted since the test command was executed.

### Additional Specifications

---

While the test series is running, you have three options:

1. Press **CANCEL** (F1) to abort the tests and return to the command line.
2. Wait for the test series to complete.
3. Press **ENTER** (F3) to put the test in the background and return to the command line.

Type **status test** to reconnect to the screen of a test running in background, or to display the results of the most recently completed test.

## list Configuration

The list Configuration screen displays the current hardware, firmware, SCSI peripherals, and software configuration.

### list configuration



#### NOTE:

This screen can be activated while the system is in the OA&M state.

```

drmf2 Active Alarms: 0 Thresholds: none Logins: 2
list configuration
LIST CONFIGURATION
Software Vintage : Release 3.1, Issue 1
Location Type Board Code Vintage
01A01 ALARM_BD TN2169 1
ABP_FW 4
01A02 MFB_BD FAC fac 1
FAC_FW 2
386_FW 5
01A0200 DISK
01A0201 TAPE
enter command:
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

## Field Descriptions

Field Name	Description (display only)
Software Vintage	Software Release, Version, and Issue numbers.
Location	Location of the hardware or SCSI devices. Blank for software and firmware.
Type	Type of hardware, type of firmware associated with hardware, or the SCSI peripherals (tape or disk).
Board Code	Board code and suffix. Blank for software, firmware, and SCSI devices.
Vintage	Hardware or firmware vintage. This field is empty for SCSI devices.

## change/display Class of Service (COS)

The Class of Service screen names and defines a set of service options assigned to one or more subscribers. Up to twelve classes of service are defined. Using the commands described below, you can identify each class of service by a number from 0 to 11 or by an alphanumeric name. Use the list Classes of Service screen (**list cos**) to view the current names for classes of service.

**change cos *cos-number***  
**change cos *cos-name***

**display cos *cos-number***  
**display cos *cos-name***

where ***cos-number/name*** specifies either the number or name of the class of service you wish to change or display.

```

drmfbl1 Active Alarms: m A Thresholds: none Logins: 1
display cos 1 Page 1 of 2
CLASS OF SERVICE

Name: class01 COS Number: 1 Modified? y
Addressing Format: extension

System Multilingual is OFF Login Announcement Set: System
Call Answer Language Choice? n Call Answer Primary Annc. Set: System
Call Answer Secondary Annc. Set: System

PERMISSIONS Type: call-answer Announcement Control? n
Outcalling? y Priority Messages? y Broadcast: none
IMAPI Access? y IMAPI Voice File Access? y

enter command: display cos 1
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

```

ax85      Active   Alarms:   A Thresholds: none      Logins: 1
display cos 1                                     Page 1 of 2
CLASS OF SERVICE

Name: class01      COS Number: 1      Modified? y
Addressing Format: extension

System Multilingual is ON      Login Announcement Set: System
Call Answer Language Choice? n Call Answer Primary Annc. Set: System
Call Answer Secondary Annc. Set: System

PERMISSIONS Type: call-answer      Announcement Control? n
Outcalling? y      Priority Messages? y      Broadcast: none
IMAPI Access? n      IMAPI Voice File Transfer? n

enter command: display cos 1
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

## Field Descriptions

Name	Description	Valid Entries	Default
Name	Class of service name	unique class of service name from 1 to 8 alpha-numeric characters long	class0 through class11
COS Number	Number for this COS	display-only field	
Modified	Indicates whether this COS has been changed since installation	display-only field	
Addressing Format	Specifies whether subscribers are addressed by name or extension with this COS.	extension name	extension
Login Announcement Set	Announcement set used for system prompts when subscriber logs into system. A single announcement set is sold with the DEFINITY AUDIX system. Additional announcement sets may be purchased. If Multilingual feature is OFF, this field can only be blank or contain system.	system us-eng (Standard U. S. English) us-eng-t (Terse U. S. English) us-123 (123 U. S. English) us-td (TDD ENGLISH) british (British English) lat-span (Latin Spanish) french-c (French Canadian) german (German) portug (Portuguese) dutch (Dutch)	system <b>list</b> <b>annc-</b> <b>sets</b> displays valid anc. set names

## Screen Descriptions

---

Name	Description	Valid Entries	Default
System Multilingual is	Specifies whether multi-lingual feature is ON or OFF. This system-wide feature is administered on the System-Parameters Customer-Options screen.	display-only field	
Call Answer Primary Annc. Set	Annc. set used for system prompts and the greeting (personal or standard system) unless and until the caller chooses to switch languages.	same as Login Annc. Sets <b>NOTE:</b> To specify an alternate annc. set, the System Multilingual Feature must be enabled (ON).	system
Call Answer Language Choice	Enables Call Answer Language Choice, which lets a caller switch to a second language. Call answer calls to the subscriber's mailbox are then greeted using the primary language and the caller is instructed (in the secondary language) to enter *1 to switch to the secondary language.	y (enabled) n (disabled) <b>NOTE:</b> Enabling this feature disables the Multiple Personal Greetings feature and deletes the secondary personal greetings of this COS when the next mailbox audit is run.	n
Call Answer Secondary Annc. Set	Announcement set for system prompts and the greeting (personal or standard system) once the caller chooses to switch announcement sets from the primary.  <b>NOTE:</b> To specify an alternate language set, the multilingual feature must be ON and Call Answer Language Choice must be set to <b>y</b> . If this is the case, this field cannot be the same as Call Answer Primary Announcement Set.	same as Login Announcement Sets	system
<b>Permissions</b>			
Type	Indicates the call-answer behavior for subscribers who have this class of service.	call-answer auto-attendant bulletin-board none	call-answer
Announcement Control	Lets subscribers with this COS record system names and announcements.  <b>WARNING!</b> Subscribers with this permission can change announcements heard by users. This capability should be reserved for the system administrator.	y (can record names and announcements) n (cannot record names and announcements)	n

Name	Description	Valid Entries	Default
Outcalling	Enables outcalling for this COS. Outcalling alerts subscribers to new messages by placing a call to the outcalling number when a new message is received.	y (enabled) n (disabled)	n
Priority Messages	Enables subscribers having this COS to send priority messages to other subscribers.	y (enabled) n (disabled)	n
Broadcast	Controls the kind of broadcast messages that can be created by subscribers with this COS. <b>NOTE:</b> Only a limited number of subscribers should be given broadcast permission.	voice (Broadcast voice-message permission) login (Login annnc. permission) both none	none
The following two fields can only be n if the number of purchased IMAPI sessions, administered on the System-Parameters Customer-Options, screen is 0.			
IMAPI access	Enables Intuity Message Manager Voice Messaging client access to the server for these subscribers.	y (enabled) n (disabled)	n
IMAPI Voice File Transfer	Enables the DEFINITY AUDIX server to transfer client voice files over the LAN to a client PC. Set this to <b>y</b> to allow subscribers to archive messages they receive.	y (enabled) n (disabled)	n
<b>Incoming Mailbox</b>			
Order	Controls scanning order for the incoming mailbox for subscribers with this COS.	lifo (last-in, first-out) fifo (first-in, first-out)	fifo
Category Order	Controls the order of scanning the incoming mailbox categories (new, unopened, old) for subscribers with this COS.	the following characters in any order: n (new) Neither header nor message was read u (unopened) Header was read but not message o (old) Both header and message were read	nuo
<b>NOTE:</b> The system removes messages or notifications (new, old, and unopened) with total retention time > specified retention time. Retention times are measured from the day the message is received as a new message			

Name	Description	Valid Entries	Default
Retention Time New	Days a new message is retained in the incoming mailbox for subscribers with this COS.	0 to 999	10
Retention Time Old	Days an old message is retained in the incoming mailbox for subscribers with this COS.	0 to 999	10
Retention Time Unopened	Days an unopened message is retained in the incoming mailbox for subscribers with this COS.	0 to 999	10
<p><b>NOTE:</b> The retention time clock is not reset to zero when a message is moved between the new, unopened, and old categories. For example, if the retention time is 10 days for all three categories, a message is removed after 10 days (not 30 days) regardless of whether or when it is moved from one category to another</p>			
<b>Outgoing Mailbox</b>			
Order	Controls the order in which the outgoing mailbox is scanned for subscribers with this COS.	lifo (last-in, first-out) fifo (first-in, first-out)	fifo
Category Order	Controls the order of outgoing mailbox categories (file cabinet, undelivered, nondeliverable, delivered, accessed) when scanning the outgoing mailbox for subscribers with this COS.	five characters in any order: u (undelivered) Messages awaiting delivery n (nondeliverable) Unsuccessful message deliveries f (file cabinet) Saved copies of created msgs. d (delivered) Notifications of delivered messages a (accessed) Notifications of delivered and accessed messages	unfda
Retention Time File Cab	Days a file cabinet message is retained in the outgoing mailbox for subscribers with this COS.	0 to 999	10
<p><b>NOTE:</b> System automatically removes messages or notifications (cabinet and delivered/nondeliverable) older than the specified retention time.</p>			
Retention Times Delivered/Nondeliverable	Days a delivered, nondeliverable, or accessed message is retained in the outgoing mailbox for subscribers with this COS.	0 to 999	5

Name	Description	Valid Entries	Default
Voice Mail Message, Maximum Length	Max. length in seconds of voice mail msgs. that can be created by subscribers with this COS.	0 to 1200	300
Voice Mail Message, Minimum Needed	Min. mailbox space in seconds that must be available for subscribers with this COS to create a voice mail message.	0 to 1200	32
Call Answer Message, Maximum Length	Max. length in seconds of call answer messages that can be left for subscribers with this COS.	0 to 1200	120
Call Answer Message, Minimum Needed	Min. amount of mailbox space that must be available to leave a call answer message for subscribers with this COS.	0 to 1200	8
End of Message Warning Time	While recording an DEFINITY AUDIX system message, an "End of Message Warning" recording is played before the maximum recording time has elapsed. This field controls the time in seconds remaining, when the End of Message Warning is played, before the maximum recording time is reached.	0, 15 to 60 blank (defaults to value specified on page 2 of the System-Parameters Features screen, if the warning time is activated on that screen.)	15
<b>NOTE:</b> This field overrides the value specified with <b>System-Parameters Features</b> .			
Maximum Mailing Lists	Max. number of mailing lists that can be created by subscribers with this COS.	0 to 999	25
Total Entries in all Lists	Max. total number of mailing list entries that can be created in all mailing lists owned by a subscriber with this COS.	0 to 9999	250
Mailbox Size, Maximum	Max. length in seconds of the mailbox for a subscriber with this COS.	0 to 32767 (over 9 hours)	1200 seconds (20 min)
Mailbox Size, Minimum Guarantee	Min. number of seconds of mailbox space guaranteed for each subscriber with this COS.	0 to 9999	0
<b>NOTE:</b> To prevent the system message space from being used up with <i>reserved</i> space, it is recommended that the default of 0 be used in this field for all or most subscribers.			

## list COS

---

The list Classes of Service screen lists the current names for classes of service. Twelve classes of service can be defined. In the commands described below, each class of service can be identified by either a number from 0 to 11 or by its alphanumeric name.

### list cos

```

drmf2 Active Alarms: 0 Thresholds: none Logins: 1
list cos
          CLASSES OF SERVICE
          Number      Name
              0      class00
              1      class01
              2      class02
              3      class03
              4      class04
              5      class05
              6      class06
              7      class07
              8      class08
              9      class09
             10      class10
             11      class11

enter command:
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage
    
```

## Field Descriptions

---

Field Name	Description (display only)
Number	Number for this COS.
Name	Class of service name. Initial default COS names, class0 through class11, are supplied with the software.

## status Disk

The status Disk screen performs disk diagnostic tests and displays the status of the specified disk drive.

### status disk

#### status disk *drive-location*

where *drive-location* is the 7-character location of the disk drive.



#### NOTE:

The activation commands for this form can be executed by users with *craft* or higher-level login permissions. This screen can be activated while the DEFINITY AUDIX system is in the OA&M state.

```

drmf22 Active Alarms: 0 Thresholds: none Logins: 1
status disk STATUS DISK Page 1 of 1
STATUS DISK
Disk Drive Location: 01A0200
Status: In service, busy
    Equipped? y
    Ready? y
    Administered? y
    Vendor: SEAGATE
    Model: AT&T ST1480
    Revision: 8738
    Capacity: 426
    Write Enabled? y
Self-Diagnostics: pass
Write Test: pass
Read Test: pass
Verify Test: pass
enter command:
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

## Field Descriptions

Field Name	Description	Valid Entries (display only)
Disk Drive Location	Location of the disk drive in a 7-character string that indicates port-network, carrier, slot, and SCSI ID. For example, 01a0201 indicates port-network=01, carrier=a, slot=02, and SCSI ID=01.	<i>drive-location</i> , if entered on the command line, otherwise the default location of the disk drive on the master MFB

## Screen Descriptions

---

Field Name	Description	Valid Entries (display only)
Status	Status of the disk In service, busy (drive is in service and is being used for normal operation) Out-of-Service--F (drive is faulted (not operable), as determined by maintenance) Out-of-Service--D (drive is operable, but has not been added via the add disk scree) Unequipped (no disk drive is installed at the specified location) Not a disk device (device other than a disk drive, such as a tape drive, is installed at the specified loc.)	
Equipped	Indicates whether or not a disk drive is equipped (present) at the specified location.	y (drive present) n (drive not present)
Ready	Indicates whether or not a disk drive is ready for access (spun up).	y (drive ready for access) n (drive not ready for access)
Administered	Indicates whether or not a disk drive is administered.	y (disk is administered) n (disk is not administered)
Vendor	Vendor ID for the specified disk drive.	
Model	Model ID for the specified disk drive.	
Revision	Disk revision ID for the specified disk drive.	
Capacity	Capacity of the disk in millions of bytes.	
Write Enabled	Indicates whether or not writing to the disk is enabled.	y (disk write-enabled) n (disk not write-enabled)
Self-Diagnostics	Results of the internal diagnostic tests.	pass, fail, not run
Write Test	Results of the write test.	pass, fail, not run
Read Test	Results of the read test.	pass, fail, not run
Verify Test	Results of the verify test.	pass, fail, not run

## display Errors

The display Errors screen displays reported DEFINITY AUDIX system errors.

### display errors



#### NOTE:

The activation commands for this screen can be executed by users with *craft* or higher-level login permissions.

The display Errors screen has two pages. Use the first page of the screen to select which errors are to be displayed in the report. To select a subset of errors, enter values in one or more of the input fields.

```

drmf22 Active Alarms: 0 Thresholds: none Logins: 1
display errors Page 1 of 1
ERROR REPORT

The following options control which errors will be displayed.
Start Date: 01/01/94 Time: █ :
Session Number: Reporting Resource Type:
Resource Type: Location: Code:
Search String:

enter command: display errors
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

The second page displays the requested error information.

```

drmf2      Active   Alarms: 0   Thresholds: none           Logins: 1
display errors                                     Page 1
                ERROR REPORT
Resource  Loc.   Event  Code  Ses.  Reporting Resource Data   Date/Time  Cnt
Type      Type  Type   No.   Type  Type      Inst   Source   Recorded
ER        01A02  IN_LINE 51    100  ER        1       0       03/21/94 09:35  1
Aux = 2   0
ER        01A02  IN_LINE 51    100  ER        1       0       03/21/94 09:35  1
Aux = 2   0
ER        01A02  IN_LINE 51    100  ER        1       0       03/21/94 09:35  1
Aux = 19  0
ALARM_BD 01A01  IN_LINE 300   117  ALBTTY_DRV 3c     224    03/21/94 09:35  1
Aux = 0   0
Kernel   01A02  IN_LINE 238   117  ANGEL_DRV 3c     3657   03/21/94 09:36  1
Aux = 1   0
Kernel   01A02  IN_LINE 241   117  ANGEL_DRV 3c     2201   03/21/94 09:36  1
MF_BD    01A02  IN_LINE 219   117  ANGEL_DRV 3c     3655   03/21/94 09:36  1
Kernel   01A02  IN_LINE 238   117  ANGEL_DRV 3c     3657   03/21/94 09:36  1
Aux = 1   0
AUDIX    01A02  IN_LINE 270   104  MPM        1       52     03/21/94 09:36  1
Aux = 4   0
          retry from secondary old rsn=f022 sh rsn=f029
Press [NextPage] or [Cancel] to abort
enter command: display errors
1Cancel  2Refresh 3Enter  4ClearFld 5Help  6Choices 7NextPage 8PrevPage
    
```

## Field Descriptions

Field Name	Description	Valid Entries
<b>SELECTION PAGE</b>		
The first time this screen is used after a restart or reboot, the fields on the selection page of the screen are blank. Subsequently, each field on the selection page of the screen is populated with the value entered the last time the screen was used.		
Start Date	Beginning date for the error report. Any year < 70 is assumed to be the 21st century.	blank (displays all qualifying errors) date in mm/dd/yy format.
Time	Beginning hour and minute of the given day for the error report. The Start Date field must have valid entries before this field can be used.	blank time in the hh:mm format
Session Number	Session number for the error report. Only errors reported during this voice session appear.	blank 0 to 999
Reporting Resource Type	Resource type that reported the errors. Resource types are defined in the <i>DEFINITY AUDIX System — Maintenance</i> , 585-300-110.	blank valid resource type
Resource Type	Resource type for which the error was reported. Resource types are defined in the <i>DEFINITY AUDIX System — Maintenance</i> , 585-300-110.	valid resource type Required if a value is entered in the Location field.

Field Name	Description	Valid Entries
Location	Further specifies error report by requesting a DEFINITY AUDIX system location for the fault resource type. If this field contains a location, the Resource Type field must contain a value. A board location consists of only five characters that specify the port-network, the carrier, and the slot. If the first five characters specify a valid board location, entering digits in the 6th and 7th positions (for a port) will generate an error message. A port location requires all seven characters.	5- to 7-character port address of the screen port-network (2 digits), carrier (1 letter), slot (2 digits), and port (2 digits). For example, 01a0201 specifies a port location as follows: port-network=01, carrier=a, slot=02, and port=01. Valid ranges: Port-network 0 - 99 Carrier A - E Slot 01 - 24 Port 01 - 24
Code	Single error code to be displayed in the error report.	blank 0 to 9999
Search String	Selects only those error messages that contain the specified string.	blank alphanumeric string of 50 characters or less

---

#### DISPLAY PAGE

For each error the following information appears in an 80-character line.

Resource Type	Resource type for which the error is reported.
Loc.	Location for the resource type.
Event Type	Indicates whether the error is IN-LINE or MP-FAIL. See the display Events screen for a brief description of event types.
Code	Error code for this error.
Ses. No.	Session number for the voice session in which this error occurred.

---

#### Reporting Resource Data

Type	Resource type that reported the error.
Inst	Particular instance of the reporting resource type.
Source	Line number of the source code reporting the error.

---

Date Recorded	Date that the error was reported.
---------------	-----------------------------------

Field Name	Description	Valid Entries
Time Recorded	Time that the error was reported.	
Cnt	Counting the number of consecutive identical error events — two occurrences of the same error within one minute of each other without the occurrence of any other error between them. Consecutive identical errors are reported as a single entry in the error log. For example, if the same error occurs every 59 seconds for 5 minutes without any other errors in that time period, these are reported as a single entry and this field reports a 5. If these error events occurred every 61 seconds, each would be reported as a separate error and this field would report a 1 for each.	

**NOTE:**

Some errors display a second line containing auxiliary information. The auxiliary line contains the value of two Auxiliary-Data parameters (Aux Data 1 and Aux Data 2) and up to 50 characters of additional information about the error.

## display Events

The display Events screen displays reported DEFINITY AUDIX system maintenance events.

### display events



#### NOTE:

The activation commands for this screen can be executed by users with *craft* or higher-level login permissions.

The display Events screen has two pages as shown in the sample below. Use the first page to specify the types of events to be displayed.

```

ax85      Active  Alarms:  A  Thresholds: none          Logins: 1
display events                                     Page 1 of 1
EVENT REPORT

The following options control which events will be displayed.
      Alarm?           Error?           Event? 
      Start Date: 05/01/94          Time:      :
Session Number:          Reporting Resource Type:
Resource Type:          Location:          Code:
Search String:

enter command: display events
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage

```

The second page displays the selected event messages.

```

ax85      Active   Alarms:   A Thresholds: none           Logins: 1
display events                                     Page 1
EVENT REPORT
Resource  Loc.   Event   Code Ses.  Reporting Resource Data   Date/Time  Cnt
Type      Type  Type    No.   Type    Type    Source   Recorded
WEEKLY_AUD 03C08  EVENT   239  104 MPM  1      192    05/01/94 01:00  1
Aux = 82  0      Starting Audit AUD_DMNET_DATA
WEEKLY_AUD 03C08  EVENT   239  104 MPM  1      193    05/01/94 01:00  1
Aux = 82  0      End Audit AUD_DMNET_DATA, result MP_PASSED
WEEKLY_AUD 03C08  EVENT   239  104 MPM  1      192    05/01/94 01:00  1
Aux = 52  0      Starting Audit AUD_WEEKLY
AUDIT      03C08  EVENT   239  104 AUDIT 1      3      05/01/94 01:04  1
Aux = 0   0      file chk: recs=18
AUDIT      03C08  EVENT   239  104 AUDIT 1      19     05/01/94 01:06  1
Aux = 0   0      dnode: cleared nodes=0
AUDIT      03C08  EVENT   239  104 AUDIT 1      19     05/01/94 01:06  1
Aux = 0   0      dnode: deleted subscribers=0 refs=0
AUDIT      03C08  EVENT   239  104 AUDIT 1      2      05/01/94 01:09  1
Aux = 0   0      dsub: cleared SIDs=0 refs=0
AUDIT      03C08  EVENT   239  104 AUDIT 1      4      05/01/94 01:17  1
Aux = 0   0      mlist: lists=76:76 members=664:664
Press [NextPage] or [Cancel] to abort
enter command: display events
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage
    
```

## Field Descriptions

Field Name	Description	Valid Entries
<b>SELECTION PAGE</b>		
Alarm	Specifies whether alarm events are to be displayed in the event report.	y (display alarm info.) n (do not display alarm info.)
Error	Specifies whether error events are to be displayed in the event report.	y (display error info.) n (do not display error info.)
Event	Specifies whether EVENT-class messages are to be displayed in the event report. (EVENT-class messages never stimulate maintenance activity; they are used only to report significant nonservice-affecting events.)	y (display EVENT-class msgs.) n (do not display EVENT-class msgs.)
Start Date	Beginning date for the event report. Year < 70 is assumed to be the 21st century.	blank (displays events from the beginning of event file) date in mm/dd/yy format

Field Name	Description	Valid Entries
Time	Beginning hour and minute of the given day for the alarm report.	blank date in hh:mm format The Start Date field must have valid entries before this field can be used.
Session Number	Session number for non-alarm event types in the event report. Only events reported during this voice session are displayed.	blank 0 to 999
Reporting Resource Type	Resource type that reported the events. Resource types are defined in the <i>DEFINITY AUDIX System — Maintenance</i> , 585-300-110.	blank valid resource type
Resource Type	Resource type for which the event was reported. Resource types are defined in the <i>DEFINITY AUDIX System — Maintenance</i> , 585-300-110.	valid resource type Required field if a value is entered in the Location field.
Location	Further specifies event report by requesting a DEFINITY AUDIX system location for the fault resource type. If this field contains a location, the Resource Type field must contain a value. A board location consists of only five characters that specify the port-network, the carrier, and the slot. If the first five characters specify a valid board location, entering digits in the 6th and 7th positions (for a port) will generate an error message. A port location requires all seven characters.	5- to 7-character port address of the screen port-network (2 digits), carrier (1 letter), slot (2 digits), and port (2 digits). For example, 01a0201 specifies a port location as follows: port-network=01, carrier=a, slot=02, and port=01. Port-network 0 - 99 Carrier A - E Slot 01 - 24 Port 01 - 24
Code	Single error/alarm code to be displayed in the event report. Error and alarm codes are not unique across resource types.	blank 0 to 9999
Search String	Selects only those event messages that contain the specified string. This field is not applicable for alarm information.	blank any alphanumeric string of 50 characters or less.

**DISPLAY PAGE**

For each event the following information appears in an 80-character line.

Resource Type	Resource type for which the event is reported.
Loc.	Location for the resource type.

Field Name	Description	Valid Entries
Event Type	Type of error or alarm event. IN_LINE (error that may require some action.) MP_FAIL (error involving the failure of a maintenance procedure (MP) for the given resource.) EVENT (general non-service affecting event. This category is used by product development.) ALARM (resource is alarmed.) RES_MNT (maintenance has resolved an alarm.) RES_RST (alarm has been resolved by a system restart.) RES_REM (alarm has been resolved by removing the given resource.)	
Code	Error/fault code.	
Ses. No.	Number of the voice session during which an error was reported. This field is not used for alarm events.	
<b>Reporting Resource Data</b>		
Type	For error events, resource type that reported the error. For alarm events, alarm severity.	
Inst	For error events, the particular instance of the reporting resource type. This field is not used for alarm events.	
Source	For error events, the line number of the source code reporting the error. This field is not used for alarm events.	
Date Recorded	Date (mm/dd/yy) that the event was reported.	
Time Recorded	Time (hh:mm) that the event was reported.	
Cnt	This field is not used for alarm events. For error events, no. of consecutive identical error events — two occurrences of the same error within one minute of each other without the occurrence of any other error between them. Consecutive identical errors are reported as a single entry in the error log. For example, if the same error occurs every 59 seconds for 5 minutes without any other errors in that time period, these are reported as a single entry and this field reports a 5. However, if these error events occurred every 61 seconds, or if they were different in any way, each would be reported as a separate error and this field would report a 1 for each.	

**NOTE:**

Some errors display a second line containing auxiliary information, including two 10-digit Auxiliary-Data parameters and up to 50 characters of additional information about the error.

## list Extensions

The list Extensions screen displays the extensions of local subscribers, starting with lowest extension number or the extension specified in the command line.

**list extensions**

**list extensions *extension***

where ***extension*** is the extension number that the list will begin with.

```

drmf2      Active   Alarms: 0   Thresholds: none   Logins: 1
list extensions
LIST EXTENSION

Extension   Name
72101      ext-72101
72102      ext-72102
72103      ext-72103
72104      ext72104
72105      ext72105
72106      ext-72106
72107      ext-72107
72108      ext-72108
72109      ext-72109
72110      ext-72110
72999      broadcast

enter command:
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

## Field Descriptions

Field Name	Description (display only)
Extension	Extension numbers of the local subscribers. List begins with the extension specified in the command line, or with the numerically-lowest extension number if an extension is not specified on the command line.
Name	Names associated with the listed extensions.

## display/remove Fragment

The Fragment screen is used to display or remove a fragment.

**display fragment *fragment-id***  
**display fragment *fragment-id annc-set-name***

**remove fragment *fragment-id***  
**remove fragment *fragment-id annc-set-name***

where ***fragment-id*** must specify an existing fragment. If the optional ***annc-set-name*** is entered it must be the name of a valid announcement set; if no announcement set name is entered an administrative announcement set must be defined.

```

drmf2      Active   Alarms:   A Thresholds: none           Logins:1
display fragment f528 us-eng-t           Page 1 of 1

          FRAGMENT

Announcement Set : us-eng-t
      Fragment Id : f528
Voice Timestamp : 03/15/94 08:05

enter command:
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage

```

## Field Descriptions

Field Name	Description (display only)
Announcement Set	Announcement set for the displayed fragment. The administrative annc. set is used if <b><i>annc-set-name</i></b> is not entered on the command line.
Fragment Id	The <b><i>fragment-id</i></b> entered on the command line.
Voice Timestamp	Timestamp of the last time the fragment was modified.

## copy Fragment

The copy Fragment screen is used to copy a fragment, generally from one announcement set to another. When copying fragments, an administrative announcement set must be selected on the System-Parameters Features screen.

### copy fragment

```

drmf22 Active Alarms: A Thresholds: none Logins: 2
copy fragment Page 1 of 1

COPY FRAGMENT

From Announcement Set: us-eng-t Fragment: f518
To Announcement Set: us-eng-temp Fragment: f518

enter command: copy fragment
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

## Field Descriptions

Field Name	Description	Valid Entries
<b>NOTE:</b> Entries for this screen are validated when a screen operation is invoked.		
From Announcement Set	Announcement set from which the fragment is copied.	required input field valid annc. set names (see the list Annc-Sets screen)
Fragment (From)	Fragment to be copied.	valid fragment identifier from f1 to f5000
To Announcement Set	Announcement set into which the fragment is copied.	valid annc. set names (see the list Annc-Sets screen)
Fragment (To)	Destination fragment.	required input field valid fragment identifier from f1 to f5000



## Help

The Help screen describes the kinds of help that are available with the DEFINITY AUDIX system administration and maintenance procedures.

### help

The Help screen has two, display-only pages.

```

drmf22    Active    Alarms: mWA Thresholds: none          Logins: 4
help      Page 1 of 2
          AUDIX COMMAND LINE HELP

AUDIX provides two kinds of context dependent command line help using the
[Help] and [Choices] screen labeled keys:

[Help]    or the "help" command displays this screen, describing what kinds of
          help are available for AUDIX administration and maintenance.

[Choices] Displays a menu of keywords or parameters that may be entered at
          the current cursor position on the command line. Menu items may be
          selected with the arrow keys, tab/backtab, or by typing initial
          characters of any item. Pressing the [Choices] key again when the
          desired item is marked will select that item. Pressing the [Return]
          key or the [Enter] key when the desired item is marked will select
          that item and invoke the command.

Press [NextPage] for information about help available within forms.

Press [CANCEL] to return to command entry
enter command: help
1Cancel  2Refresh  3Enter  4ClearFld 5Help  6Choices 7NextPage 8PrevPage

```

```

drmf22    Active    Alarms: mWA Thresholds: none          Logins: 4
help      Page 2 of 2
          AUDIX FORM HELP

AUDIX provides two kinds of context dependent form help using the [Help] and
[Choices] screen labeled keys:

[Help]    Displays one or more pages of help for the form that is displayed.

[Choices] Displays help for the data field in which the cursor resides. Where
          appropriate, this is a menu of legal values for the field. Menu
          items may be selected with the arrow keys, tab/backtab, or by typing
          initial characters orow keys, tab/backtab, or by typing initial
          characters of any it any item and pressing the [Choices] key or the
          [Return] key or the [Enter] key when the desired item is marked. rnl
          key or the [Enter] key when the desired item is marked will select
          that item and invoke the command.

Press [NextPage] for information about help available within forms.

Press [CANCEL] to return to command entry
enter command: help
1Cancel  2Refresh  3Enter  4ClearFld 5Help  6Choices 7NextPage 8PrevPage

```

## test LAN

---

The test LAN screen tests the local area network (LAN). These screens are only available if you have enabled Intuity Messaging Application Programming Interface (IMAPI) using the System-Parameters Customer-Options screen. The tests will abort if IMAPI is not yet administered for your AUDIX system.

### **test lan**

Performs a short test which checks the basic operation of the LAN interface software and hardware, without interrupting current AUDIX system or LAN processes.

### **test lan long**

Performs a long test which: tests the basic operation of LAN interface software and hardware; resets the LAN interface hardware; and restarts the software processes that serve Intuity Message Manager users.



### **WARNING:**

*Running **test lan long** could disconnect Intuity Message Manager users.*

### **test lan dest address**

Performs the UNIX ping command, which attempts to send a packet over the LAN to the host, with the host sending back a response if the LAN connection is operational. This tests the connection between the AUDIX server and the PC identified by the **address**. It also tests basic LAN interface hardware and software.

**address** is a valid IP address in *nnn.nnn.nnn.nnn* format, where *nnn* is an integer from 1 to 255 (the "." must be entered).

```

ax85 Active Alarms: A Thresholds: none Logins: 1
test lan Page 1 of 1
TEST LAN RESULTS Date: 05/24/94 14:00

Resource Loc. Test Name Most Recent Test Counters:
LANINTF 03C08 Get hardware ID Test Result Pass Fail Abort
LANINTF 03C08 External loop around 0 0 0
AIS 03C08 Test Process 0 0 0

Press [Enter] to execute
enter command: test lan
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

### Additional Specifications

While the test series is running, you have three options:

1. Press **CANCEL** (F1) to abort the tests and return to the command line.
2. Wait for the test series to complete.
3. Press **ENTER** (F3) to put the test in the background and return to the command line.

Type **status test** to reconnect to the screen of a test running in background, or to display the results of the most recently completed test.

## add/change/display/remove Machine

The Machine screen is used to change or display the local DEFINITY AUDIX machine, or to add, change, display, or remove a remote DEFINITY AUDIX machine for AMIS networking. (Use **list Machines** to see machines administered on this AUDIX network.)

**add machine** *machine-name*

**change machine**

**change machine** *machine-name*

**display machine**

**display machine** *machine-name*

**remove machine** *machine-name*



**NOTE:**

The **remove** and **add** versions of this screen can be activated only if the AMIS analog networking feature has been activated on the System-Parameters Customer-Options screen by AT&T personnel.

The Machine screen has two pages.

```

ax85      Active   Alarms:  A  Thresholds: none           Logins: 2
display machine alphaudix                                     Page 1 of 2
                                MACHINE PROFILE
Machine Name: alphaudix   Machine Type: amisap           Location: remote
Voiced Name? n           Extension Length: 5
Voice ID: 1              Default Community: 1
ADDRESS RANGES
Prefix      Start Ext.  End Ext.    Warnings
1: 8        00000      99999
2: 53       88000      88000
3:
4:
5:
6:
7:
8:
9:
10:
enter command: display machine alphaudix
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage

```

The second page of the Machine screen is enabled if the value of the Machine Type field, on the first page of the screen, is amisap, amisac, or calld. It is not enabled if the Machine Type is audix. (See the Machine Type field description.)

```

ax85      Active Alarms: A Thresholds: none      Logins: 2
display machine alphaudix                        Page 2 of 2
MACHINE PROFILE

NETWORK CONNECTION PARAMETERS

Dial String: 88000

Callback Number: 1 (1, 2, 3, 4, or 5)
Choices:
  1: 1      : 303      : 5385000
  2:      :      : 5385000
  3:      :      :
  4:      :      :
  5:      :      :

Message Transmission Schedule (hh:mm)
  1. start: 00:00      end: 23:59
  2. start:      :      end:      :
  3. start:      :      end:      :

Send to Non-Administered Recipients? y
enter command: display machine alphaudix
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage
    
```

**Field Descriptions**

Field Name	Description	Valid Entries
<b>PAGE 1</b>		
Machine Name	Name of the machine being administered on this screen.	1 to 10 alphanumeric characters specifying a unique machine name Defaults to from command line entry, or to name of local machine for <b>change</b> or <b>display</b>
Machine Type	Type of machine being administered.	audix (local DEFINITY AUDIX machine) amisap (AMIS analog pre-administered machine) amisac (AMIS analog with casual addressing) calld (call-delivery, that is message-delivery, machines)
Location	Specifies whether this is a local or remote machine.	display-only field

Field Name	Description	Valid Entries
Voiced Name?	Indicates whether a voiced name for this machine is recorded. This field is automatically set to y when a user with announcement permission records a name for this machine. This field cannot be changed from n to y using this screen.	y (voiced name recorded) n (name not recorded or used to delete the voiced name and not use it)
Extension Length	Length for extensions on this machine. For audix machine, this is the number of digits in the extensions of the associated switch. For amisac machine, this is the number of digits in the extensions for the remote AMIS machine. For calld machine, this is the number of digits in the recipient's telephone number.	required input field 3 to 10
Voice Id	Voice id fragment number for this machine. The voice id is used when recording a machine's name.	display-only field
Default Community	Default community number to be used for the sending restrictions feature. For messages received from this machine without the originator's community number, the default community number is used.	1 to 15
<b>Address Ranges</b>		
Prefix	Prefix digits for the ranges of telephone numbers for subscribers on this machine. The prefix can be used to distinguish between machines that have overlapping extension ranges.	0 to 21 alphanumeric characters Total length of the prefix and extensions must be < 25 characters.
Start Ext.	Starting extensions for the ranges of telephone numbers for subscribers on this machine. Total length of the prefix and extensions must be < 25 characters.	3- to 10-digit integer No. of extension digits must be the same as Extension Length for this machine.
End Ext.	Ending extensions for the ranges of telephone numbers for subscribers on this machine. Total length of prefix and extensions must be < 25 characters.	3- to 10-digit integer No. of extension digits must be the same as Extension Length for this machine.
Warnings	Warning to the user when a specified address range overlaps with another range.	display-only field

**PAGE 2**

This page is not enabled if the Machine Type is audix.

Field Name	Description	Valid Entries
Dial String	String of digits used when the DEFINITY AUDIX system dials the remote machine to establish a call for networking. For amisap machine this is a mandatory input field; the value is the telephone number of the remote machine. For amisac and calld machines an entry in this field is optional; if a value is entered it specifies the trunk access code of the switch and will be prepended to the telephone number of the remote system that is entered by the message originator.	0 to 29 characters consisting of digits, "P", and/or "Pn", including the quotes. The n is a number from 1 to 9 indicating the number of seconds to pause. "P" is equivalent to "P1". For AMIS casual or message delivery machines, the total number of digits for this field plus the extension length must be < 30 characters. Entries in this field are validated when leaving the field.
Callback Number	Which callback number below to use	1 to 5 selected callback number must first be pre-administered on the Analog Network screen.
	<b>NOTE:</b> The 3-part Callback Number (Country Code, Area/Trunk Coder and Local Number) is the number that other systems use to contact this machine. Total length of the Callback Number (Country Code, Area Code, and Local No.) ≤ 15 digits.	
Country Code	First part of the 3-part Callback Number.	display-only field blank 1- to 4-digit integer 1 (U. S. Country Code) 0 (Callback Number is a private network number)
Area/Trunk Code	Second part of the 3-part Callback Number.	display-only field blank 1- to 7-digit integer.
Local Number	Third part of the 3-part Callback Number.	display-only field blank 1- to 15-digit integer
<b>Message Transmission Schedule</b>		
Start Time	Starting time for a message transmission period to the remote machine.	hh:mm format
End Time	Ending time for the message transmission period to the remote machine.	hh:mm format
Send to Non-Administered Recipients?	Specifies whether or not the DEFINITY AUDIX system will attempt to deliver messages to non-administered remote recipients.	y (messages can be sent to non-administered recipients) n (messages cannot be sent to non-administered recipients)

### Additional Specifications

The **add** and **remove** commands cannot be used for the local DEFINITY AUDIX machine.

The DEFINITY AUDIX machine specified in the **add** command cannot be a machine that is currently defined. The DEFINITY AUDIX machine specified in the **remove** command must be a machine that is currently defined.

## list Machines

The list Machines screen is used with DEFINITY AUDIX network administration to display an alphabetically-arranged list of the names, types, and associated voice IDs of all DEFINITY AUDIX network machines known to the local machine. The list starts with either the first item in the list or the name specified in the command line.

### list machines

### list machines *machine-name*

where *machine-name* is a 1- to 10-character name that identifies the remote machine with which to start the list.

```

drmf2 Active Alarms: A Thresholds: none Logins: 1
list machines
LIST MACHINES

Machine Machine Type Voice ID Callback No.
drmf2 audix 0 N/A

enter command:
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

## Field Descriptions

Field Name	Description (display only)
Machine Name	Name of the remote machine.
Machine Type	Type of the remote machine.
Voice ID	Voice ID associated with the listed machine (audix, amisap, amisac, calld).
Callback No.	Callback Number associated with the listed machine. This is the number that other systems use to contact this machine.

## audit Mailboxes

The audit Mailboxes screen initiates a demand audit on each subscriber's mailbox and displays the results of the audit.

### audit mailboxes

```

drmf2      Active   Alarms:    A  Thresholds: none           Logins: 1
audit mailboxes
                                AUDIT RESULTS           Date: 03/24/94 13:37

      Audit Name           Result
      Audit Mailboxes      P Passed
      Audit Mailbox Data    P Passed

Command Successfully Completed
enter command:
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage
    
```

## Field Descriptions

Field Name	Description (display only)
Date	Date that the audit was requested.
Time	Time that the audit was requested.
Audit Name	Name of the audit being run.
Result	Code that indicating the last result of the named audit, and up to 20 characters of text of additional audit-result information. blank (audit not executed) R (audit is running) P (last audit passed) F (last audit failed) A (last audit aborted)

---

## Sample Tasks

---

To perform a demand audit on subscribers' mailboxes:

1. Type **audit mailboxes** and press **ENTER** (F3).
2. Press **ENTER** (F3) to execute the audit or press **CANCEL** (F1) to exit the screen without executing the audit.
3. The audit name and Result Code R, indicating that the audit is running, are displayed on the screen. You can wait for the audit to finish or you can take one of the following steps:
  - a. While the audit is running, press **CANCEL** (F1) to abort the audit and exit the screen.
  - b. While the audit is running, press **ENTER** (F3) to put the audit in background mode and return to the command line. Type **status audit** to reconnect to the screen.

## Additional Specifications

---

An audit may take several minutes to run. While an audit is running and the audit screen is active, pressing **CANCEL** (F1) aborts the audit and pressing **ENTER** (F3) makes the audit a background process. While the audit is running in the background you can activate other (non-audit) screens or you can reactivate the audit screen by typing **status audit**.

If the audit fails, the take following steps (in the order shown) to correct the problem:

1. Resolve any active alarms and rerun the audit.
2. If the audit fails again, contact the TSC.
3. If the TSC is unavailable and the system is not providing service, restart the system using the System Restart screen and try the audit again. If data files are missing the restart will rebuild them, or the system will request a generic restore if files needed by the audit do not exist. Rerun the audit when the restart has completed.

## audit Mailing-Lists

The audit Mailing-lists screen initiates a demand audit on each subscriber's mailing lists and displays the results of the audit.

### audit mailing-lists

```

drmf2      Active   Alarms: none  Thresholds: none           Logins: 1
audit mailing-lists
                AUDIT RESULTS                Date: 03/24/94 13:39
                Audit Name                    Result
                Audit Mail Lists              P Passed
                Audit Delivery Data           P Passed

Command Successfully Completed
enter command:
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage
    
```

## Field Descriptions

Field Name	Description (display only)
Date	Date that the audit was requested.
Time	Time that the audit was requested.
Audit Name	Name of the audit being run.
Result	Code that indicating the last result of the named audit, and up to 20 characters of text of additional audit-result information. blank (audit not executed) R (audit is running) P (last audit passed) F (last audit failed) A (last audit aborted)

## Sample Tasks/Additional Specifications

Same as **audit Mailboxes**.

## audit Maintenance-Logs

The audit Maintenance-Logs screen initiates a demand audit on the maintenance logs and displays the results of the audit.

### audit maintenance-logs

```

drmf2      Active   Alarms: none  Thresholds: none      Logins: 1
audit maintenance-logs
                                AUDIT RESULTS                      Date: 03/24/94 13:40

                                Audit Name      Result
                                Audit Logs      P Passed

Command Successfully Completed
enter command:
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage

```

### Field Descriptions

Field Name	Description (display only)
Date	Date that the audit was requested.
Time	Time that the audit was requested.
Audit Name	Name of the audit being run.
Result	Code that indicating the last result of the named audit, and up to 20 characters of text of additional audit-result information. blank (audit not executed) R (audit is running) P (last audit passed) F (last audit failed) A (last audit aborted)

### Sample Tasks/Additional Specifications

Same as **audit Mailboxes**.

## list Measurements Community Day

The Community Daily Traffic screen is part of the DEFINITY AUDIX Traffic collection system. This screen reports daily measurements of voice mail messages sent and received by each community during any day in the 32-day period including the current date.

**list measurements community day**

**list measurements community day *mm/dd/yy***

where *mm/dd/yy* is the starting date for the report. If a date (earlier than the current date) is entered, the report displays one page of traffic information for each day from the start date to the current date. If no date is entered, one page of traffic information appears.

```

drmf2 Active Alarms: A Thresholds: none Logins: 2
list measurements community day
COMMUNITY DAILY TRAFFIC
Date : 03/24/94 Ending Time : 13:42

Community ID      Number of Voice Mail Messages
                  Sent by      Received by      Not Sent by      Not Received by
1                 0             0             0             0
2                 0             0             0             0
3                 0             0             0             0
4                 0             0             0             0
5                 0             0             0             0
6                 0             0             0             0
7                 0             0             0             0
8                 0             0             0             0
9                 0             0             0             0
10                0             0             0             0
11                0             0             0             0
12                0             0             0             0
13                0             0             0             0
14                0             0             0             0
15                0             0             0             0

enter command:
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage
    
```

## Field Descriptions

Field Name	Description (display only)
------------	----------------------------

This screen displays information for the specific date entered on the command line or in the Date field. (Defaults to current date).

Date	Starting date for the traffic report. If no date was entered on the command line, the current date is used.
Ending Time	Time at which collecting ended on the current date.
Sent by	No. of messages sent by each community.

---

<b>Field Name</b>	<b>Description (display only)</b>
Received by	No. of messages received by each community.
Not Sent by	No. of messages that were addressed from each community but failed due to sending restrictions.
Not Received by	No. of messages addressed to members of the indicated community (by members of another community) but not received due to sending restrictions.

## list Measurements Community Hour

The Community Hourly Traffic screen is part of the DEFINITY AUDIX Traffic collection system. This screen reports daily measurements of voice mail messages sent and received by each community during any hour in the 192-hour (8-day) period including the current hour.

**list measurements community hour**

**list measurements community hour *mm/dd/yy***

**list measurements community hour *mm/dd/yy hh***

where *mm/dd/yy* is the starting date and *hh* is the starting hour (24-hr clock) to be reported. A date specification must precede an hour specification. The report displays one page of traffic information for each hour.

```

drmf2 Active Alarms: A Thresholds: none Logins: 2
list measurements community hour
COMMUNITY HOURLY TRAFFIC
Date : 03/24/94 Hour : 13 Ending Time : 13:43
Community ID      Number of Voice Mail Messages
Sent by      Received by      Not Sent by      Not Received by
1             0                 0                 0                 0
2             0                 0                 0                 0
3             0                 0                 0                 0
4             0                 0                 0                 0
5             0                 0                 0                 0
6             0                 0                 0                 0
7             0                 0                 0                 0
8             0                 0                 0                 0
9             0                 0                 0                 0
10            0                 0                 0                 0
11            0                 0                 0                 0
12            0                 0                 0                 0
13            0                 0                 0                 0
14            0                 0                 0                 0
15            0                 0                 0                 0
enter command:
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage
    
```

## Field Descriptions

Field Name	Description (display only)
------------	----------------------------

This screen displays information for the specific date and hour entered on the command line or in the Date and Hour fields. (Defaults to current date and current hour).

Date	Starting date for the traffic report. This is the date entered on the command line, or the current date if no date was entered.
------	---

---

<b>Field Name</b>	<b>Description (display only)</b>
Hour	Hour for which the measurements are reported in the traffic report. This is the time entered on the command line, or the first hour of the specified date if no time was entered. If neither date nor hour are specified, this defaults to the current hour of the current date.
Ending Time	Time at which collecting ended on the current date.
Sent by	Total number of messages sent by each community.
Received by	Total number of messages received by each community.
Not Sent by	Total number of messages that were addressed from each community but failed due to sending restrictions.
Not Received by	Total number of messages addressed to members of the indicated community (by members of another community) but not received due to sending restrictions.

## list Measurements Feature Day

The Feature Daily Traffic screen reports traffic information on a feature-by-feature basis, one day at a time for up to 32 days. Features are divided into call-answer features and voice-mail features.

### list measurements feature day

#### list measurements feature day *mm/dd/yy*

The *mm/dd/yy* is the starting date for the report. If a date (earlier than the current date) is entered the report displays two pages of traffic information for each day from the start date to the current date. If no date is entered, two pages of traffic information for the current date are displayed.

```

drmf2 Active Alarms: A Thresholds: none Logins: 1
list measurements feature day Page 1
FEATURE DAILY TRAFFIC

Date : 03/24/94 Ending Time : 13:46
Maximum Average Ports in Use: 0.1
SUBSCRIBERS
Local: 11 Remote: 0 Non Administered Remote: 0

VOICE MAIL
Successful Logins, External: 7 Internal: 0
Failed Logins, External: 0 Internal: 0
Session Usage (Seconds) : 542

CALL ANSWER
Completed Calls, External: 0 Internal: 0
Abandoned Calls, External: 0 Internal: 0
Session Usage (Seconds) : 0
Press [NextPage] for more data or [Cancel] to abort
enter command: list measurements feature day
1Cancel 2Refresh 3Enter 4ClearFId 5Help 6Choices 7NextPage 8PrevPage

```

```

drmf22 Active Alarms: A Thresholds: none Logins: 2
list measurements feature day
FEATURE DAILY TRAFFIC

Date : 03/24/94 Ending Time : 13:46

VOICE MAIL
Total Messages, Sent: 6 Current: 11
Broadcast Messages, Sent: 4 Current: 1
Log-in Announcements, Sent: 0 Current: 0
Priority Messages, Sent: 0 Current: 0
Private Messages, Sent: 0 Current: 0

Avg. Storage Time: 1 Avg. Connect Time: 77

CALL ANSWER
Total Messages, Sent: 0 Current: 0
Avg. Storage Time: 0 Avg. Connect Time: 0

enter command:
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

## Field Descriptions

Field Name	Description (display only)
<b>PAGE 1</b>	
This screen displays information for the specific date entered at the command line or in the Date field. If no date is specified, the report defaults to the current date.	
Date	Starting date for the traffic report. This is the date entered on the command line, or the current date if no date was entered.
Ending Time	Time at which collecting ended on the specified date.
Maximum Average Ports in Use	Max. average no. of ports in continuous use during the day being reported. If this number is greater than half the total number of ports configured, the DEFINITY AUDIX system is probably experiencing call blocking.
<b>SUBSCRIBERS</b>	
Local	Total no. of local subscribers administered on the DEFINITY AUDIX system.
Remote	Total no. of remote subscribers administered on DEFINITY AUDIX system.
Non Administered Remote	Total number of non-administered remote subscribers on the DEFINITY AUDIX system.
<b>VOICE MAIL</b>	
Successful Logins, External/Internal	No. of successful logins from telephones not administered (external) on the host switch and from telephones administered (internal) on the host switch.

Field Name	Description (display only)
Failed Logins, External/Internal	Number of unsuccessful login attempts by subscribers calling from telephones not administered (external) on the host switch and from telephones administered (internal) on the host switch. Unsuccessful means that the DEFINITY AUDIX system did not allow the caller access to DEFINITY AUDIX operations. This may have been due to an unrecognizable password, login ID, or both, or the caller hung up before completing the call.
Session Usage	Total no. of seconds (across all ports) that the system was used for voice mail sessions (including voice mail, call message retrieval, change of passwords, and changes of personal greetings).

---

**CALL ANSWER**

Completed Calls, External/Internal	Number of call-answer calls from telephones not administered (external) on the host switch and from telephones administered (internal) on the host switch made to the DEFINITY AUDIX system(i.e., the number of times the AUDIX system answered calls for subscribers).
Abandoned Calls, External/Internal	Number of calls to the DEFINITY AUDIX system from telephones not administered (external) on the host switch and from telephones administered (internal) on the host switch that were not completed.
Session Usage	Total no. of seconds (across all ports) that the system was used for call-answer sessions.

---

**PAGE 2**

**VOICE MAIL**

**Total Messages**

Sent	Total no. of voice-mail messages sent on the local DEFINITY AUDIX system.
Current	Total no. of voice-mail messages currently residing on the local DEFINITY AUDIX system.

**Broadcast Messages**

Sent	Number of broadcast messages (as defined by the broadcast messages feature) sent on the local DEFINITY AUDIX system.
Current	Number of messages currently residing in the broadcast mailbox on the local DEFINITY AUDIX system that are marked as broadcast messages.

**Login Announcements**

Sent	Number of login (as defined by the login announcement feature) announcements messages sent on the local DEFINITY AUDIX system.
Current	Number of messages currently residing in the broadcast mailbox on the local DEFINITY AUDIX system that are marked as login announcements. Since only one login announcement can exist at any one time in the broadcast mailbox, this number is always 0 or 1.

**Priority Messages**

Sent	Number of messages sent on the local DEFINITY AUDIX system that were marked for priority delivery.
------	--

Field Name	Description (display only)
Current	Number of messages currently residing on the local DEFINITY AUDIX system that are marked as priority messages.
<b>Private Messages</b>	
Sent	Number of messages sent on the local DEFINITY AUDIX system that were marked for private delivery.
Current	Number of messages currently residing on the local DEFINITY AUDIX system that are marked for private delivery.
Average (Voice Mail) Storage Time	Average duration (in minutes) that voice-mail messages remained in mailboxes before they were deleted.
Average (Voice Mail) Connect Time	Average duration (in seconds) of voice-mail calls that occurred.
<b>CALL ANSWER</b>	
<b>Total Messages</b>	
Sent	Number of call-answer messages answered by the local machine.
Current	Number of call-answer messages currently stored in the local DEFINITY AUDIX system.
Average (Call Answer) Storage Time	Average duration (in minutes) that call-answer messages were stored in mailboxes before they were deleted.
Average (Call Answer) Connect Time	Average duration (in seconds) of call-answer calls that were made.

## list Measurements Feature Hour

The Feature Hourly Traffic screen reports traffic information on a feature-by-feature basis, one hour at a time for up to 192 hours. Features are divided into call-answer features and voice-mail features in the reports.

**list measurements feature hour**

**list measurements feature hour *mm/dd/yy***

**list measurements feature hour *mm/dd/yy hh***

where *mm/dd/yy* is the starting date and *hh* is the starting hour (24-hr clock) to be reported. A date specification must precede an hour specification. The report displays two pages of traffic information for each hour from the starting hour to the current hour.

```

drmf2      Active   Alarms:  A Thresholds: none           Logins: 2
list measurements feature hour                               Page 1
FEATURE HOURLY TRAFFIC
Date : 03/24/94   Hour : 13                       Ending Time : 13:49
Average Ports in Use: 0.0
SUBSCRIBERS
Local: 11        Remote: 0          Non Administered Remote: 0
VOICE MAIL
Successful Logins, External: 1          Internal: 0
Failed Logins,     External: 0          Internal: 0
Session Usage (Seconds) : 56
CALL ANSWER
Completed Calls,  External: 0          Internal: 0
Abandoned Calls, External: 0          Internal: 0
Session Usage (Seconds) : 0
Press [NextPage] for more data or [Cancel] to abort
enter command: list measurements feature hour
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

```

drmf2      Active   Alarms: mwa  Thresholds: none           Logins: 4
list measurements feature hour
FEATURE HOURLY TRAFFIC
Date : 03/24/94      Hour : 13           Ending Time : 13:49

                               VOICE MAIL
Total Messages,      Sent: 1           Current: 11
Broadcast Messages, Sent: 0           Current: 1
Log-in Announcements, Sent: 0          Current: 0
Priority Messages,   Sent: 0           Current: 0
Private Messages,   Sent: 0           Current: 0

                Avg. Storage Time: 1           Avg. Connect Time: 56

                               CALL ANSWER
Total Messages,      Sent: 0           Current: 0
                Avg. Storage Time: 0           Avg. Connect Time: 0

enter command:
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

## Field Descriptions

Field Name	Description (display only)
<b>PAGE 1</b>	
	This screen displays information for the specific hour of the specific date, entered at the command line or in the Date and Hour fields. If no hour is entered, the report starts with the first hour of the date specified. If no date is entered, the current hour of the current date is used.
Date	Starting date for the traffic report. If not entered on the command line, the current date is used.
Hour	Hour during which traffic collection occurred for the traffic report being displayed. If not entered on the command line, the first hour of the specified day or the current time is used.
Ending Time	Time at which collecting ended on the current date.
Average Ports in Use	Avg. number of ports in continuous use. If this no. is greater than half the total number of ports configured, the DEFINITY AUDIX system is probably experiencing call blocking.
<b>SUBSCRIBERS</b>	
Local	Total no. of local subscribers administered on the DEFINITY AUDIX system.
Remote	Total number of remote subscribers administered on the DEFINITY AUDIX system.

Field Name	Description (display only)
Non Administered Remote	Total number of non-administered remote subscribers on the DEFINITY AUDIX system.
<b>VOICE MAIL</b>	
<b>Successful Logins</b>	
External	Number of successful logins from telephones not on the host switch (outside calls).
Internal	Number of successful logins from telephones configured on the host switch (inside calls).
<b>Failed Logins</b>	
External	Number of unsuccessful login attempts by subscribers calling from telephones not on the host switch (outside calls).
Internal	Number of unsuccessful login attempts by subscribers calling from their telephone administered on the host switch (internal calls).
Voice Mail Session Usage	Total number of seconds (across all ports) that the system was used for voice mail sessions (including voice mail, call message retrieval, change of passwords, and changes of personal greetings).
<b>CALL ANSWER</b>	
<b>Complete Calls</b>	
External	Number of call-answer calls from telephones not on the host switch (outside calls) made to the DEFINITY AUDIX system (the number of times the DEFINITY AUDIX system answered calls for subscribers).
Internal	Number of call-answer calls from telephones connected to the host switch (inside calls) made to the DEFINITY AUDIX system (the number of times the DEFINITY AUDIX system answered calls for subscribers).
<b>Abandoned Calls</b>	
External	Number of calls to the DEFINITY AUDIX system from telephones not on the host switch (outside calls) that were not completed.
Internal	Number of calls to the DEFINITY AUDIX system from telephones connected to the host switch (inside calls) that were not completed.
Call Answer Session Usage	Total number of seconds (across all ports) that the system was used for call-answer sessions.
<b>PAGE 2</b>	
<b>VOICE MAIL</b>	
<b>Total Messages</b>	
Sent	Total no. of voice-mail messages sent on the local DEFINITY AUDIX system.
Current	Total no. of voice-mail messages currently residing on the local DEFINITY AUDIX system.

Field Name	Description (display only)
<b>Broadcast Messages</b>	
Sent	Number of messages sent on the local DEFINITY AUDIX system that were broadcast messages as defined by the broadcast messages feature.
Current	Number of messages currently residing in the broadcast mailbox on the local DEFINITY AUDIX system that are marked as broadcast messages.
<b>Login Announcements</b>	
Sent	No. of messages sent on the local DEFINITY AUDIX system that were login announcements as defined by the login announcement. messages feature.
Current	Number of messages currently residing in the broadcast mailbox on the local DEFINITY AUDIX system that are marked as login announcements. Display-only field, since only one login announcement can exist at any one time in the broadcast mail-box, this number is always 0 or 1.
<b>Priority Messages</b>	
Sent	Number of messages sent on the local DEFINITY AUDIX system that were marked for priority delivery.
Current	Number of messages currently residing on the local DEFINITY AUDIX system that are marked as priority messages.
<b>Private Messages</b>	
Sent	Number of messages sent on the local DEFINITY AUDIX system that were marked for private delivery.
Current	Number of messages currently residing on the local DEFINITY AUDIX system that are marked for private delivery.
Average (Voice Mail) Storage	Average duration (in minutes) that voice-mail messages remained in mailboxes before they were deleted.
Average (Voice Mail) Connect Time	Average duration (in seconds) of voice-mail calls that occurred.
<b>CALL ANSWER</b>	
<b>Total Messages</b>	
Sent	Number of call-answer messages answered by the local machine during the reporting period.
Current	Number of call-answer messages currently stored in the local DEFINITY AUDIX system.
Average (Call Answer) Storage Time	Average duration (in minutes) that call-answer messages were stored in mailboxes before they were deleted.
Average (Call Answer) Connect Time	Average duration (in seconds) of call-answer calls that were made during the reporting period.

## list Measurements Load Day

The Load Daily Traffic screen is used to display daily load traffic information for 1 to 32 days. Traffic load refers to the number of calls handled by each active port during the reporting period. Port-usage measurements indicate how the ports are actually being used.

### list measurements load day

### list measurements load day *mm/dd/yy*

where *mm/dd/yy* is the starting date for the report. If a date (earlier than the current date) is entered the report displays two pages of traffic information for each day from the start date to the current date. If no date is entered, two pages of traffic information for the current date are displayed.

```

drmf2      Active   Alarms:  A  Thresholds: none          Logins: 2
list measurements load day                               Page 1
LOAD DAILY TRAFFIC
          Date : 03/24/94          Ending Time: 14:01
TOTAL SUBSCRIBER THRESHOLD EXCEPTIONS
          Lists: 0                  List Space: 0
          Message Space, Lower: 0    Upper: 0
Subscribers Over Threshold: 0

Deliveries Rescheduled: 0
Maximum Simultaneous Ports: 1
          System Storage Used: 3900    System Storage Free Space: 26256

Press [NextPage] for more data or [Cancel] to abort
enter command: list measurements load day
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage

```

```

drmf2      Active   Alarms: none Thresholds: none           Logins: 2
list measurements load day
LOAD DAILY TRAFFIC
Port Usage Data (Seconds)
1- 8:    0      0      0      0      0      0      0      53
9-16:   85     150    0      53     0      99     0      46

Port Peg Count Data (Number of Calls)
1- 8:    0      0      0      0      0      0      0      1
9-16:    1      1      0      1      0      1      0      1

enter command:
1Cancel  2Refresh  3Enter   4ClearFld 5Help    6Choices  7NextPage 8PrevPage

```

## Field Descriptions

Field Name	Description (display only)
------------	----------------------------

### PAGE 1

This screen displays information for the date specified at the command line or entered in the Date field.

Date	Starting date for the traffic report. If not specified on the command line, the current date is used.
------	---

Ending Time	Time at which collecting ended on the current date.
-------------	---

### THRESHOLD EXCEPTIONS

Lists	Number of warnings issued when subscribers exceeded the maximum allowable number of mailing lists.
List Space	Number of warnings issued when subscribers exceeded the maximum allowable number of list entries.
Message Space, Lower	Number of <i>lower message space</i> threshold warnings issued to subscribers.
Message Space, Upper	Number of <i>upper message space</i> threshold warnings issued to subscribers.
Subscribers Over Threshold	Number of subscribers that exceeded one or more of the message-space.

<b>Field Name</b>	<b>Description (display only)</b>
Deliveries Rescheduled	Number of message deliveries that could not be completed and were subsequently rescheduled or canceled.
Maximum Simultaneous Ports	Maximum number of ports that were simultaneously in use.
System Storage Used	Maximum number of blocks in use in the voice-text file system.
System Storage Free Space	Amount of free space available at the time the maximum number of blocks were in use in the voice-text file system.

---

### **PAGE 2**

Port Usage Data (Seconds)	Number of seconds that each port was in use during the reporting period. Sixteen port-usage values are displayed, corresponding to ports 1 to 16.
Port Peg Count Data (Number of Calls)	Number of calls that each port handled during the reporting period. Sixteen port peg-count values are displayed, corresponding to ports 1 to 16.

## list Measurements Load Hour

The Load Hourly Traffic screen is used to display hourly load traffic information for up to 192 hours (8 days). Traffic load refers to the number of calls handled by each active port during the reporting period. Port-usage measurements indicate how the ports are being used.

**list measurements load hour**

**list measurements load hour *mm/dd/yy***

**list measurements load hour *mm/dd/yy hh***

where *mm/dd/yy* is the starting date and *hh* is the starting hour (24-hr clock) to be reported. A date specification must precede an hour specification. The report displays two pages of traffic information for each hour from the starting hour to the current hour.

```

drmf22 Active Alarms: none Thresholds: none Logins: 2
list measurements load hour Page 1
LOAD HOURLY TRAFFIC
Date : 03/24/94 Hour: 14 Ending Time: 14:04
TOTAL SUBSCRIBER THRESHOLD EXCEPTIONS
Lists: 0 List Space: 0
Message Space, Lower: 0 Upper: 0
Subscribers Over Threshold: 0
Deliveries Rescheduled: 0
Maximum Simultaneous Ports: 0
System Storage Used: 3900 System Storage Free Space: 26256
Press [NextPage] for more data or [Cancel] to abort
enter command: list measurements load hour
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

```

drmf2      Active   Alarms: none  Thresholds: none          Logins: 2
list measurements load hour
LOAD HOURLY TRAFFIC
Port Usage Data (Seconds)
  1- 8:    0      0      0      0      0      0      0      0
  9-16:   0      0      0      0      0      0      0      0

Port Peg Count Data (Number of Calls)
  1- 8:    0      0      0      0      0      0      0      0
  9-16:   0      0      0      0      0      0      0      0

enter command:
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage
    
```

## Field Descriptions

Field Name	Description (display only)
<b>PAGE 1</b>	
This screen displays information for the specific hour of the specific date, entered at the command line or in the Date and Hour fields.	
Date	Starting date for the traffic report. If not entered on the command line, the current date is used.
Hour	This field displays the hour for the traffic report. If not entered on the command line, the current hour is used. If neither date nor hour is specified, the report starts with the first hour of the date specified.
Ending Time	Time at which collecting ended on the current date.
<b>THRESHOLD EXCEPTIONS</b>	
Lists	Number of warnings issued when subscribers exceeded the maximum allowable number of mailing lists.
List Space	Number of warnings issued when subscribers exceeded the maximum allowable number of list entries.
Message Space, Lower	Number of <i>lower message space</i> threshold warnings issued to subscribers.

Field Name	Description (display only)
Message Space, Upper	Number of <i>upper message space</i> threshold warnings issued to subscribers.
Subscribers Over Threshold	Number of subscribers that exceeded one or more of the message-space thresholds.
Deliveries Rescheduled	Number of message deliveries that could not be completed and were subsequently rescheduled or canceled.
Maximum Simultaneous Ports	Maximum number of ports that were simultaneously in use.
System Storage Used	Maximum number of blocks in use in the voice-text file system.
System Storage Free Space	Amount of free space available at the time the maximum number of blocks were in use in the voice-text file system.
<b>PAGE 2</b>	
Port Usage Data (Seconds)	Number of seconds that each port was in use. Sixteen port-usage values are displayed, corresponding to ports 1 to 16.
Port Peg Count Data (Number of Calls)	Number of calls that each port handled. Sixteen port peg-count values are displayed, corresponding to ports 1 to 16.

## list Measurements Remote Messages Day

The Remote Messages Daily Traffic screen displays up to eight days — today and the seven previous days — of information about message traffic between the local DEFINITY AUDIX system and the named remote machine. The information is presented for prime and non-prime time periods.

### Commands

**list measurements remote-messages day *machine-name***

**list measurements remote-messages day *machine-name mm/dd/yy***

where ***machine-name*** identifies the name of the remote machine whose activity is to be displayed. The option ***mm/dd/yy*** specifies the day of the first traffic report to be displayed. If no date is entered, the current date is used.



#### NOTE:

This screen can be activated only if the AMIS analog networking feature has been activated on the System-Parameters Customer-Options screen by AT&T personnel.

```

ax85 Active Alarms: A Thresholds: none Logins: 1
list measurements remote-messages day alphaudix
REMOTE MESSAGES DAILY TRAFFIC

Machine Name : alphaudix Machine Type: amisap
Date : 05/31/94 Ending Time : 14:15

LOCAL ORIGINATION REMOTE ORIGINATION
Prime Non-Prime Prime Non-Prime
Transfer Sessions: 0 0 0 0
Usage (seconds) : 0 0 0 0
Average Usage : 0 0 0 0
Messages Sent : 0 0 0 0
Messages Rejected: 0 0 0 0
Status Sent : 0 0 0 0
Status Received : 0 0

Headers Sent :

Message Transmission Threshold Exceptions: 0
Session Failures Far End "No Answer": 0

enter command:
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

---

## Field Descriptions

---

Field Name	Description (display only)
This screen displays information for the date specified at the command line or entered in the Date field.	
Machine Name	Remote machine as entered on the command line.
Machine Type	Type of the remote machine.
Date	Date of the traffic report in mm/dd/yy format. If not specified on command line, current date it used.
Ending Time	Time that record collecting ended. If the day of the first traffic report is the current date, this is the current time.
<b>LOCAL ORIGINATION, Transfer Sessions</b>	
Prime	No. of prime-time transfer sessions of local origination.
Non-Prime	No. of non-prime transfer sessions of local origination.
<b>REMOTE ORIGINATION, Transfer Sessions</b>	
Prime	No. of prime-time transfer sessions of remote origination.
Non-Prime	No. of non-prime transfer sessions of remote origination.
<b>LOCAL ORIGINATION, Usage</b>	
Prime	No. of seconds for all prime-time message-transfer sessions of local origin.
Non-Prime	No. of seconds for all non-prime message-transfer sessions of local origin.
<b>REMOTE ORIGINATION, Usage</b>	
Prime	No. of seconds for all prime-time message-transfer sessions of remote origin.
Non-Prime	No. of seconds for all non-prime message-transfer sessions of remote origin.
<b>LOCAL ORIGINATION, Average Usage</b>	
Prime	Avg. number of seconds for all prime-time message-transfer sessions of local origination.
Non-Prime	Avg. number of seconds for all non-prime message-transfer sessions of local origination.
<b>REMOTE ORIGINATION, Average Usage</b>	
Prime	Avg. number of seconds for all prime-time message-transfer sessions of remote origination.
Non-Prime	Avg. number of seconds for all non-prime message-transfer sessions of remote origination.

---

### LOCAL ORIGINATION, Message Sent

Field Name	Description (display only)
Prime	Total number of prime-time messages from the local machine actually sent to the remote machine.
Non-Prime	Total number of non-prime messages from the local machine actually sent to the remote machine.
<b>REMOTE ORIGINATION, Messages Sent</b>	
Messages Sent Prime	Total number of prime-time messages from the remote machine actually received by the local DEFINITY AUDIX machine that occurred during the record-collection period.
Messages Sent Non-Prime	Total number of non-prime messages from the remote machine actually received by the local DEFINITY AUDIX machine that occurred during the record-collection period.
<b>LOCAL ORIGINATION, Message Rejected</b>	
Prime	Total number of prime-time messages rejected by the remote machine.
Non-Prime	Total number of non-prime messages rejected by the remote machine.
<b>REMOTE ORIGINATION, Message Rejected</b>	
Prime	Total number of prime-time messages rejected by the local machine.
Non-Prime	Total number of non-prime messages rejected by the local machine.
<b>LOCAL ORIGINATION, Status Sent</b>	
Prime	No. of prime-time status reports sent by the local DEFINITY AUDIX machine for messages originated by the remote DEFINITY AUDIX machine.
Non-Prime	No. of non-prime status reports sent by the local DEFINITY AUDIX machine for messages originated by the remote DEFINITY AUDIX machine. <b>NOTE:</b> The following four field positions on the screen are not applicable: REMOTE ORIGINATION, Status Sent Prime REMOTE ORIGINATION, Status Sent Non-Prime LOCAL ORIGINATION, Status Received Prime LOCAL ORIGINATION, Status Received Non-Prime
<b>REMOTE ORIGINATION, Status Received</b>	
Prime	No. of prime-time status reports received by the local DEFINITY AUDIX machine for messages the local machine sent to the remote DEFINITY AUDIX machine.

---

<b>Field Name</b>	<b>Description (display only)</b>
Non-Prime	No. of non-prime status reports received by the local DEFINITY AUDIX machine for messages the local machine sent to the remote DEFINITY AUDIX machine.
Message Transmission Threshold Exceptions	Total no. of times the local node exceeded its message-transmission threshold with the specified remote machine.
Session Failures Far End "No Answer"	Total no. of unsuccessful call attempts from the local DEFINITY AUDIX machine to the remote machine.

## list Measurements Remote Messages Month

The Remote Messages Monthly Traffic screen displays information — for the current month and up to 12 previous months — about message traffic between the local DEFINITY AUDIX machine and the named remote machine. The information is presented for prime and non-prime periods.

**list measurements remote-messages month *machine-name***

**list measurements remote-messages month *machine-name mm/yy***

where ***machine-name*** identifies the name of the remote machine whose activity is to be displayed. The option ***mm/yy*** specifies the day of the first traffic report to be displayed. (The month can be entered as a single digit.) If no date is entered, the current date is used.



### NOTE:

This screen can be activated only if the AMIS analog networking feature has been activated on the System-Parameters Customer-Options screen by AT&T personnel.

```

ax85      Active  Alarms:  A  Thresholds: none  Logins: 1
list measurements remote-messages month alphaudix
          REMOTE MESSAGES MONTHLY TRAFFIC

Machine Name : alphaudix          Machine Type: amisap
Date : 05/94                      Ending Date : 05/31/94

          LOCAL ORIGINATION      REMOTE ORIGINATION
          Prime  Non-Prime        Prime   Non-Prime
Transfer Sessions: 0           0           0       0
Usage (seconds) : 0           0           0       0
Average Usage   : 0           0           0       0
Messages Sent   : 0           0           0       0
Messages Rejected: 0          0           0       0
Status Sent     : 0           0
Status Received :

Headers Sent    :

Message Transmission Threshold Exceptions: 0
Session Failures Far End "No Answer": 0

enter command:
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

## Field Descriptions

Field Name	Description (display only)
------------	----------------------------

This screen displays information for the date specified at the command line or entered in the Date field. If none is entered, defaults to the current date.

Field Name	Description (display only)
Machine Name	Remote machine as entered on the command line.
Machine Type	Type of the remote machine.
Date	Date of the first traffic report displayed in mm/yy format.
Ending Date	Date that record collecting ended. If the month of the first traffic report is the current month, the Ending Date is the current day.
<b>LOCAL ORIGINATION, Transfer Sessions</b>	
Prime	No. of prime-time transfer sessions of local origination.
Non-Prime	No. of non-prime transfer sessions of local origination.
<b>REMOTE ORIGINATION, Transfer Sessions</b>	
Prime	No. of prime-time transfer sessions of remote origination.
Non-Prime	No. of non-prime transfer sessions of remote origination.
<b>LOCAL ORIGINATION, Usage</b>	
Prime	No. of seconds for all prime-time message-transfer sessions of local origin.
Non-Prime	Number of seconds for all non-prime message-transfer sessions of local orig.
<b>REMOTE ORIGINATION, Usage</b>	
Prime	No. of seconds for all prime-time message-transfer sessions of remote orig.
Non-Prime	No. of seconds for all non-prime message-transfer sessions of remote orig.
<b>LOCAL ORIGINATION, Average Usage</b>	
Prime	Avg. number of seconds for all prime-time message-transfer sessions of local origin.
Non-Prime	Avg. number of seconds for all non-prime message-transfer sessions of local origin.
<b>REMOTE ORIGINATION, Average Usage</b>	
Prime	Avg. number of seconds for all prime-time message-transfer sessions of remote origin.
Non-Prime	Avg. number of seconds for all non-prime message-transfer sessions of remote origin.
<b>LOCAL ORIGINATION, Messages Sent</b>	
Prime	Total no. of prime-time messages from the local machine actually sent to the remote machine.
Non-Prime	Total no. of non-prime messages from the local machine actually sent to the remote machine.

Field Name	Description (display only)
<b>REMOTE ORIGINATION, Messages Sent</b>	
Prime	Total no. of prime-time messages from the remote machine actually received by the local DEFINITY AUDIX machine.
Non-Prime	Total no. of non-prime messages from the remote machine actually received by the local DEFINITY AUDIX machine.
<b>LOCAL ORIGINATION, Message Rejected</b>	
Prime	Total no.r of prime-time messages rejected by the remote machine.
Non-Prime	Total no. of non-prime messages rejected by the remote machine.
<b>REMOTE ORIGINATION, Message Rejected</b>	
Prime	Total number of prime-time messages rejected by the local machine.
Non-Prime	Total number of non-prime messages rejected by the local machine.
<b>LOCAL ORIGINATION, Status Sent</b>	
Prime	No. of prime-time status reports sent by the local DEFINITY AUDIX machine for messages originated by the remote DEFINITY AUDIX machine.
Non-Prime	No. of non-prime status reports sent by the local DEFINITY AUDIX machine for messages originated by the remote DEFINITY AUDIX machine, during the time specified as non-prime during the record-collection. The following four field positions on the screen are not applicable: REMOTE ORIGINATION, Status Sent Prime REMOTE ORIGINATION, Status Sent Non-Prime LOCAL ORIGINATION, Status Received Prime LOCAL ORIGINATION, Status Received Non-Prime
<b>REMOTE ORIGINATION, Status Received</b>	
Prime	No. of prime-time status reports received by the local DEFINITY AUDIX machine for messages the local machine sent to the remote DEFINITY AUDIX machine.
Non-Prime	Number of non-prime status reports received by the local DEFINITY AUDIX machine for messages the local machine sent to the remote DEFINITY AUDIX machine.
Message Transmission Threshold Exceptions	Total no. of times the local node exceeded its message-transmission threshold with the specified remote machine.
Session Failures Far End "No Answer"	Total no. of unsuccessful call attempts from the local DEFINITY AUDIX machine to the remote machine.

## list Measurements Special Features Day

The Special Features Daily Traffic screen is used to display the special features daily traffic report, which shows the outcalling traffic information (which includes outcalling, message delivery, and AMIS analog networking) for any day during the most recent 32-day collection period.

### list measurements special-features day

### list measurements special-features day *mm/dd/yy*

where *mm/dd/yy* is the starting date for the report. If a date (earlier than the current date) is entered the report displays one page of traffic information for each day from the start date to the current date. If no date is entered, one page of traffic information for the current date appears.

```

drmf2      Active   Alarms:   A  Thresholds: none           Logins: 1
list measurements special-features day

                                SPECIAL FEATURES DAILY TRAFFIC

Date: 03/24/94                    Ending Time: 15:53

Maximum Simultaneous Outcalls : 0
                                Outcalls Attempted : 0
                                Outcalls Completed : 0
                                Outcalls Rescheduled: 0

Calls Answered Without Connect: 0

enter command:
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage

```

## Field Descriptions

Field Name	Description (display only)
	This screen displays information for the date specified at the command line or entered in the Date field.
Date	Starting date for the traffic report as specified on the command line. If no date is entered on the command line, the current date is used.
Ending Time	Time at which collecting ended on the specified date.

## Screen Descriptions

---

Field Name	Description (display only)
Maximum Simultaneous Outcalls	Maximum number of ports that were simultaneously in use for an outcall.
Outcalls Attempted	No. of outcalls attempted.
Outcalls Completed	No. of outcalls completed.
Outcalls Rescheduled	No. of outcalls rescheduled. Outcalls can be rescheduled when all ports are busy.
Calls Answered Without Connect	Number of calls answered without a switch-link <i>connect</i> message.

## list Measurements Special Features Hour

The Special Features Hourly Traffic screen displays the special features hourly traffic report, which shows the outcalling traffic information (which includes outcalling, message delivery, and AMIS analog networking) for any hour during the most recent 192-hour (8-day) collection period.

**list measurements special-features hour**

**list measurements special-features hour *mm/dd/yy***

**list measurements special-features hour *mm/dd/yy hh***

where *mm/dd/yy* is the starting date and *hh* is the starting hour (24-hr clock) to be reported. A date specification must precede an hour specification. If no date is entered, the current hour of the current date is used. The report displays one page of traffic information for each hour from the starting hour to the current hour.

```

drmf2 Active Alarms: A Thresholds: none Logins: 2
list measurements special-features hour
SPECIAL FEATURES HOURLY TRAFFIC
Date: 03/24/94 Hour: 14 Ending Time: 14:13
Maximum Simultaneous Outcalls : 0
      Outcalls Attempted : 0
      Outcalls Completed : 0
      Outcalls Rescheduled: 0
Calls Answered Without Connect: 0
enter command:
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

### Field Descriptions

Field Name	Description (display only)
------------	----------------------------

This screen displays information for the date and hour specified at the command line or entered in the Date and Hour fields. If no date and time are entered, report starts at the current date and time.

Date	Starting date for the traffic report as specified on the command line. If no date is entered on the command line, the current date is used.
------	---

Field Name	Description (display only)
Hour	Hour for which the traffic is reported. The hour displayed is the hour entered on the command line or, if not entered on the command line, the current hour. If neither date nor hour are specified, the report starts at the current date and time.
Ending Time	Time at which collecting ended.
Maximum Simultaneous Outcalls	Maximum number of ports that were simultaneously in use for an outcall.
Outcalls Attempted	No. of outcalls attempted.
Outcalls Completed	No. of outcalls completed.
Outcalls Rescheduled	No. of outcalls rescheduled. Outcalls can be rescheduled when all ports are busy.
Calls Answered Without Connect	No. of calls answered without a switch-link <i>connect</i> message.

## list Measurements Subscriber Day

The Subscriber Daily Traffic screen displays the subscriber daily traffic report, which shows traffic information about a specific subscriber for any day within the most recent 8-day collection period.

**list measurements subscriber day *name***

**list measurements subscriber day *name mm/dd/yy***

**list measurements subscriber day *extension***

**list measurements subscriber day *extension mm/dd/yy***

where ***name*** is the administered DEFINITY AUDIX subscriber name and ***extension*** is the administered DEFINITY AUDIX subscriber extension. The name can be enclosed in quotes in the command line. The ***mm/dd/yy*** is the starting date for the report. If a date (earlier than the current date) is entered the report displays three pages of traffic information for each day from the start date to the current date. If no date is entered, three pages of traffic information for the current date are displayed.

The Subscriber Daily Traffic screen has three pages.

```

drmf22 Active Alarms: 0 Thresholds: none Logins: 1
list measurements subscriber day 72101 Page 1
SUBSCRIBER DAILY TRAFFIC
Name: ext-72101 Extension: 72101
Date: 03/24/94 Ending time: 14:16
Community ID: 1
Mailbox Space Used: 0 Space Allowed : 1200
Maximum Space Used: 14 Space Guaranteed : 0
SESSION TRAFFIC
CALL ANSWER VOICE MAIL
Prime Non-Prime Prime Non-Prime
Sessions : 0 0 8 0
Session Usage : 0 0 637 0
Press [NextPage] for more data or [Cancel] to abort
enter command: list measurements subscriber day 72101
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

```

drmf2 Active Alarms: A Thresholds: none Logins: 1
list measurements subscriber day 72101 Page 2
SUBSCRIBER DAILY TRAFFIC
Name: ext-72101 Extension: 72101
Date: 03/24/94 Ending time: 14:16
VOICE MAIL MESSAGES RECEIVED Prime Non-Prime
Local Voice Mail Messages : 0 0
Remote Voice Mail Messages : 0 0
Undeliverable Notifications : 4 0
CALL ANSWER MESSAGES RECEIVED : 0 0
Press [NextPage] for more data or [Cancel] to abort
enter command: list measurements subscriber day 72101
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

```

drmf2 Active Alarms: A Thresholds: none Logins: 1
list measurements subscriber day 72101
SUBSCRIBER DAILY TRAFFIC
Name: ext-72101 Extension: 72101
Date: 03/24/94 Ending time: 14:16
VOICE MAIL MESSAGES CREATED Prime Non-Prime
Total Voice Mail Messages : 6 0
Broadcast Messages : 5 0
Login Announcements : 0 0
Priority Messages : 0 0
Private Messages : 0 0
VOICE MAIL MESSAGES SENT
Local Voice Mail Messages : 0 0
Remote Voice Mail Messages : 0 0
enter command:
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

---

## Field Descriptions

---

Field Name	Description (display only)
This screen displays information for the date specified at the command line or entered in the Date field.	
<b>PAGE 1</b>	
Name	Name of the subscriber whose traffic information is being reported. This is the name entered on the command line. Either a name or an extension must be included on the command line. If a name is entered, it may be enclosed in quotes.
Extension	Extension of the subscriber whose traffic information is being reported. This is the extension entered on the command line. Either a name or an extension must be included on the command line.
Date	Starting date for the traffic report as specified on the command line. If no date is entered on the command line, the current date is used.
Ending Time	Time at which collecting ended on the specified date.
Community ID	ID of the community to which the subscriber belongs.
Mailbox Space Used	Amount of message space (in seconds) in use by the subscriber during the day reported.
Mailbox Space Allowed	Max. allowable size (in seconds) of the subscriber's mailbox.
Maximum Space Used	Max. amount of message space (in seconds) in use by the subscriber at any time during the day reported.
Space Guaranteed	Amount of message space (in seconds) guaranteed for the subscriber's mailbox.
<b>SESSION TRAFFIC</b>	
<b>CALL ANSWER</b>	
Prime Sessions	Number of times a caller was redirected to the DEFINITY AUDIX system on behalf of the subscriber during prime hours.
Non-Prime Sessions	Number of times a caller was redirected to the DEFINITY AUDIX system on behalf of the subscriber during non-prime hours.
<b>VOICE MAIL</b>	
Prime Sessions	Number of times the subscriber successfully logged-in during prime hours.
Non-Prime Sessions	Number of times the subscriber successfully logged-in during non-prime hours.
<b>CALL ANSWER</b>	
Session Usage, Prime	Total duration (in seconds) of calls to the subscriber during prime hours.

Field Name	Description (display only)
Session Usage, Non-Prime	Total duration (in seconds) of calls to the subscriber during non-prime hours.
<b>VOICE MAIL</b>	
Session Usage, Prime	Total duration (in seconds) of time spent logged-in by the subscriber during prime hours.
Session Usage, Non-Prime	Total duration (in seconds) of time spent logged-in by the subscriber during non-prime hours.

---

**PAGE 2**

**VOICE MAIL MESSAGES RECEIVED**

**Local Voice Mail Messages**

Prime	No. of voice-mail messages received by the subscriber during prime hours.
Non-Prime	No. of voice-mail messages received by the subscriber during non-prime hours.

**Remote Voice Mail Messages**

Prime	No. of voice-mail messages received by the subscriber from remote machines during prime hours.
Non-Prime	No. of voice-mail messages received by the subscriber from remote machines during non-prime hours.

**Undeliverable Notifications**

Prime	No. of undeliverable notifications received by the subscriber during prime hours.
Non-Prime	No. of undeliverable notifications received by the subscriber during non-prime hours.

---

**CALL ANSWER MESSAGES RECEIVED**

Prime	No. of new call-answer messages accumulated in the subscriber's mailbox during prime hours of the day being reported. This includes external calls, internal calls, subscribers' calls to their own mailboxes, and transfers.
Non-Prime	No. of new call-answer messages accumulated in the subscriber's mailbox during non-prime hours of the day being reported. This includes external calls, internal calls, subscribers' calls to their own mailboxes, and transfers.

---

**PAGE 3**

**VOICE MAIL MESSAGES CREATED**

**Total Voice Mail Messages**

Prime	Total number of voice-mail messages created by the subscriber.
Non-Prime	Total number of voice-mail messages created by the subscriber.

Field Name	Description (display only)
<b>Broadcast Messages</b>	
Prime	Number of voice-mail broadcast messages created by the subscriber during prime hours.
Non-Prime	Number of voice-mail broadcast messages created by the subscriber during non-prime hours.
<b>Login Announcements</b>	
Prime	No. of voice-mail login announcements created by the subscriber during prime hours.
Non-Prime	No. of voice-mail login announcements created by the subscriber during non-prime hours.
<b>Priority Messages</b>	
Prime	No. of voice-mail priority messages created by the subscriber during prime hours.
Non-Prime	No. of voice-mail priority messages created by the subscriber during non-prime hours.
<b>Private Messages</b>	
Prime	No. of voice-mail private messages created by the subscriber during prime hours.
Non-Prime	Number of voice-mail private messages created by the subscriber during non-prime hours.
<b>Local Voice-Mail Messages Sent</b>	
Prime	Number of voice-mail msgs. sent to local subscribers by the subscriber during prime hours.
Non-Prime	Number of voice-mail msgs. sent to local subscribers by the subscriber during non-prime hours.
<b>Remote Voice-Mail Messages Sent</b>	
Prime	Number of voice-mail msgs. sent to remote subscribers by the subscriber during prime hours.
Non-Prime	Number of voice-mail msgs. sent to remote subscribers by the subscriber during non-prime hours.

## list Measurements Subscriber Month

The Subscriber Monthly Traffic screen displays the subscriber monthly traffic report, which shows traffic information about a specific subscriber for any month within the most recent 12-month collection period.

**list measurements subscriber month *name***

**list measurements subscriber month *name mm/yy***

**list measurements subscriber month *extension***

**list measurements subscriber month *extension mm/yy***

where ***name*** is the administered DEFINITY AUDIX subscriber name and ***extension*** is the administered DEFINITY AUDIX subscriber extension. The name can be enclosed in quotes in the command line. The ***mm/dd*** is the starting month for the report.

The Subscriber Monthly Traffic screen has three pages as shown below. If a month (earlier than the current month) is entered, the report displays three pages of traffic information for each month from the start month to the current month. If no month is entered, three pages of traffic information for the current month are displayed.

```

drmf2      Active   Alarms:  A  Thresholds: none          Logins: 2
list measurements subscriber month 72102          Page 1
SUBSCRIBER MONTHLY TRAFFIC

Name: ext-72102      Extension: 72102
Date: 03/94          Ending Date: 03/24/94

Community ID: 1
Mailbox Space Used: 40      Space Allowed : 1200
Maximum Space Used: 40      Space Guaranteed : 0

SESSION TRAFFIC
CALL ANSWER
Prime      Non-Prime
Sessions   : 0          0
Session Usage : 0          0

VOICE MAIL
Prime      Non-Prime
Sessions   : 1          0
Session Usage : 56         0

Press [NextPage] for more data or [Cancel] to abort
enter command: list measurements subscriber month 72102
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

```
drmf2 Active Alarms: A Thresholds: none Logins: 2
list measurements subscriber month 72102 Page 2
```

## SUBSCRIBER MONTHLY TRAFFIC

```
Name: ext-72102 Extension: 72102
Date: 03/94 Ending Date: 03/24/94
```

VOICE MAIL MESSAGES RECEIVED	Prime	Non-Prime
Local Voice Mail Messages	: 2	12
Remote Voice Mail Messages	: 0	0
Undeliverable Notifications	: 0	0
CALL ANSWER MESSAGES RECEIVED	: 0	0

```
Press [NextPage] for more data or [Cancel] to abort
enter command: list measurements subscriber month 72102
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage
```

```
drmf2 Active Alarms: A Thresholds: none Logins: 2
list measurements subscriber month 72102
```

## SUBSCRIBER MONTHLY TRAFFIC

```
Name: ext-72102 Extension: 72102
Date: 03/94 Ending Date: 03/24/94
```

VOICE MAIL MESSAGES CREATED	Prime	Non-Prime
Total Voice Mail Messages	: 0	0
Broadcast Messages	: 0	0
Login Announcements	: 0	0
Priority Messages	: 0	0
Private Messages	: 0	0
VOICE MAIL MESSAGES SENT		
Local Voice Mail Messages	: 1	0
Remote Voice Mail Messages	: 0	0

```
enter command:
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage
```

## Field Descriptions

---

Field Name	Description (display only)
This screen displays information for the month and year specified at the command line or entered in the Date field.	
Name	Name of the subscriber whose traffic information is being reported. This is the name entered on the command line. Either a name or an extension must be included on the command line. If a name is entered, it may be enclosed in quotes.
Extension	Extension of the subscriber whose traffic information is being reported. This is the extension entered on the command line. Either a name or an extension must be included on the command line.
Date	Starting month/year for the traffic report as specified on the command line. If no date is entered on the command line, the current date is used.
Ending Date	Date on which collecting ended for the specified month.
Community ID	ID of the community to which the subscriber belongs.
Mailbox Space Used	Amount of message space (in seconds) in use by the subscriber during the month reported.
Mailbox Space Allowed	Max. allowable size (in seconds) of the subscriber's mailbox.
Maximum Space Used	Max. amount of message space (in seconds) in use by the subscriber at any time during the month reported.
Space Guaranteed	Amount of message space (in seconds) guaranteed for the subscriber's mailbox.

### SESSION TRAFFIC

#### CALL ANSWER Sessions

Prime	No.r of times a caller was redirected to the DEFINITY AUDIX system on behalf of the subscriber during prime hours.
Non-Prime	No. of times a caller was redirected to the DEFINITY AUDIX system on behalf of the subscriber during non-prime hours.

#### VOICE MAIL Sessions

Prime	No. of times the subscriber successfully logged in during prime hours.
Non-Prime	No. of times the subscriber successfully logged in during non-prime hours.

#### CALL ANSWER Session Usage

Prime	Total duration (in seconds) of calls to the subscriber during prime hours.
Non-Prime	Total duration (in seconds) of calls to the subscriber during non-prime hours.

Field Name	Description (display only)
<b>VOICE MAIL Session Usage</b>	
Prime	Total duration (in seconds) of time spent logged in by the subscriber during prime hours.
Non-Prime	Total duration (in seconds) of time spent logged-in by the subscriber during non-prime hours.

**PAGE 2****VOICE MAIL MESSAGE RECEIVED****Local Voice Mail Messages**

Prime	No. of prime time voice-mail messages received by the subscriber.
Non-Prime	Number of non-prime voice-mail messages received by the subscriber.

**Remote Voice Mail Messages**

Prime	No. of prime-time voice-mail messages received by the subscriber.
Non-Prime	No. of non-prime voice-mail messages received by the subscriber.

**Undeliverable Notifications**

Prime	Number of prime-time undeliverable notifications received by the subscriber.
Non-Prime	Number of non-prime undeliverable notifications received by the subscriber.

**CALL ANSWER MESSAGES RECEIVED**

Prime	Number of prime-time new call-answer messages accumulated in the subscriber's mailbox.
Non-Prime	Number of new non-prime call-answer messages accumulated in the subscriber's mailbox.

**PAGE 3****VOICE MAIL MESSAGES CREATED****Total Voice Mail Messages**

Prime	Total no. of prime-time voice-mail messages created by the subscriber.
Non-Prime	Total no. of non-prime voice-mail messages created by the subscribers.

**Broadcast Messages**

Prime	Number of prime-time voice-mail broadcast messages created by the subscriber.
Non-Prime	Number of non-prime voice-mail broadcast messages created by the subscriber.

**Login Announcements**

Prime	Number of prime-time voice-mail login announcements created by the subscriber.
-------	--

Field Name	Description (display only)
Non-Prime	Number of non-prime voice-mail login announcements created by the subscriber.
<b>Priority Messages</b>	
Prime	Number of prime-time voice-mail priority msgs. created by the subscriber.
Non-Prime	Number of non-prime voice-mail priority msgs created by the subscriber.
<b>Voice-Mail, Private Messages</b>	
Prime	No. of prime-time voice-mail private messages created by the subscriber.
Non-Prime	Number of non-prime voice-mail private messages created by the subscriber.
<b>VOICE MAIL MESSAGES SENT</b>	
<b>Local Voice Mail Messages Sent</b>	
Prime	Number of prime-time voice-mail messages sent to local subscribers by the subscriber.
Non-Prime	Number of non-prime voice-mail messages sent to local subscribers by the subscriber.
<b>Remote Voice Mail Messages Sent</b>	
Prime	No. of prime-time voice-mail messages sent to remote subscribers by the subscriber.
Non-Prime	No. of non-prime voice-mail messages sent to remote subscribers by the subscriber.

## audit Names

The audit Names screen initiates a demand audit on subscriber names and displays the results of the audit.

### audit names

```

drmf22 Active Alarms: A Thresholds: none Logins: 2
audit names
          AUDIT RESULTS                               Date: 03/24/94 14:28
          Audit Name      Result
          Audit Voice Names P Passed

Command Successfully Completed
enter command:
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

## Field Descriptions

Name	Description (display only)
Date	Date that the audit was requested.
Time	Time that the audit was requested.
Audit Name	Name of the audit being run.
Result	1-character code that indicates the last result of the named audit, and up to 20 characters of text of additional audit-result information. blank (audit has not been executed) R (audit is running) P (last audit passed) F (last audit failed) A (last audit aborted)

## Sample Tasks/Additional Specifications

Same as **audit Mailboxes**.

## audit Network-Data

The audit Network-Data screen initiates a demand audit on network data and displays the results of the audit.

### audit network-data

```

drmf2 Active Alarms: A Thresholds: none Logins: 2
audit network-data Please Wait
AUDIT RESULTS Date: 03/24/94 14:30

Audit Name      Result
Audit Machine Xlatn P Passed
Audit Net Translatns R Running

Press [Cancel] to abort, [Enter] to continue in background
enter command: audit network-data
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

## Field Descriptions

Name	Description (display only)
Date	Date that the audit was requested.
Time	Time that the audit was requested.
Audit Name	Name of the audit being run.
Result	1-character code that indicates the last result of the named audit, and up to 20 characters of text of additional audit-result information. blank (audit has not been executed) R (audit is running) P (last audit passed) F (last audit failed) A (last audit aborted)

## Additional Specification

Same as **audit Mailboxes**.

## save Nightly

The save Nightly screen is used to perform an immediate backup to tape of the data that is backed up automatically each night. The nightly backup consists of subscriber data including subscriber profiles, message headers, mailing lists, user directory file, and message waiting lamp status. It does not include voiced-in subscriber names or the text of recorded messages.

### save nightly

*Appends* the backup to the end of the existing backups on the tape.

### save nightly rewind

*Rewinds* the tape before the backup begins. This operation erases the tape.

### ⇒ NOTE:

This screen can be activated while the DEFINITY AUDIX system is in the OA&M state.

```

ax85      Active   Alarms:  A Thresholds: none           Logins: 1
save nightly                                     Page 1 of 1
          SAVE NIGHTLY

Status of most recent "save nightly" backup: not run

Press [ENTER] to execute or press [CANCEL] to abort
enter command: save nightly
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage

```

## Field Descriptions

---

Name	Description (display only)
Status of the most recent "save nightly" backup	Status of the most recent invocation of the save nightly backup. in progress (save nightly is currently running) failed (save failed) completed (save completed successfully) not run (save not run since last restart/reboot)

## Sample Tasks

---

To perform an immediate save of the data that is backed up automatically each night — *append* to tape:

1. Type **save nightly** and press **ENTER** (F3).
2. Press **ENTER** (F3) to proceed with the backup or **CANCEL** (F1) to cancel the operation. The save operation will proceed in the background.

To perform an immediate backup of the data that is backed up automatically each night — *rewind* the tape:

1. Type **save nightly rewind** and press **ENTER** (F3).
2. Check displayed backup status and press **ENTER** (F3) to confirm erasure of the tape and proceed with the backup or **CANCEL** (F1) to cancel the operation. The save operation will proceed in the background.

## Additional Specifications

---

A tape must be administered to execute this operation.

Once started, the save nightly operation cannot be cancelled.

The save is run in the background, which means the operation is still running for some time even after the screen displays `Command Completed Successfully`. To check the status of the background save, reactivate the `Save Nightly` screen.

## change Password

The Password screen is used to change the password of the currently logged-in user.

### change password

```

drmf22 Active Alarms: A Thresholds: none Logins: 2
change password PASSWORD Page 1 of 1

Login ID: tsc
Old Password: █
New Password:
Confirm New Password:

enter command: change_password
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

### Field Descriptions

Name	Description	Valid Entries
Login ID	Login ID of the currently logged-in user. (If the Login ID is more than 20 characters, only the first 20 characters are displayed.)	
Old Password	Current password for the login ID. Entries in this field do not appear on the screen when typed.	
New Password	New password for this login ID. Entries in this field do not appear on the screen when typed.	3 to 10 alphanumeric characters
Confirm New Password	New password for the login ID. It must exactly match the value entered in the New Password field. Entries in this field do not appear on the screen when typed.	must match New Password entry

## audit Personal-Directories

The audit Personal-Directories screen initiates a demand audit on subscribers' personal directories and displays the results of the audit.

### audit personal-directories

```

drmf2      Active   Alarms:    A  Thresholds: none           Logins: 2
audit personal-directories
                                AUDIT RESULTS                       Date: 03/24/94 15:16

                                Audit Name      Result
                                Audit Personal Dirs  P Passed

Command Successfully Completed
enter command:
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage

```

## Field Descriptions

Name	Description (display only)
Date	Date that the audit was requested.
Time	Time that the audit was requested.
Audit Name	Name of the audit being run.
Result	1-character code that indicates the last result of the named audit, and up to 20 characters of text of additional audit-result information. blank (audit has not been executed) R (audit is running) P (last audit passed) F (last audit failed) A (last audit aborted)

## Sample Tasks/Additional Specifications

Same as **audit Mailboxes**.

## busyout/release Port

The busyout/release Port screen enables the system administrator to busy-out or release a voice port and to display the results of the busyout or release operation. The **busyout** command takes the port specified by **port-address** out of service.

### busyout port *port-address*

where **port-address** is the port to busy-out or release.

### busyout port *port-address* forced

Removes port from service and does not return control to the command line until the port has been taken out of service. If **forced** is not included, the port is marked as unavailable for new service but its current use is allowed to complete.

### release port *port-address*

Returns the port specified by **port-address** to service.

```

drmf22      Active  Alarms:  A Thresholds: none          Logins:1
busyout port 01a0201                                     Page 1 of 1
                                BUSYOUT/RELEASE PORT

                                Resource  Location  Extension  State  Reason
                                VOICE_PT  01A0201   72021      ISI

Press [Enter] to execute or [Cancel] to abort
enter command: busyout port 01a0201
1[Cancel] 2[Refresh] 3[Enter] 4[ClearFld] 5[Help] 6[Choices] 7[NextPage] 8[PrevPage]
    
```

## Field Descriptions

Name	Description (display only)
Resource	Port being busied-out or released. This is always VOICE_PT on this screen.

Name	Description (display only)
Location	Board location ( <b>port-address</b> ) of the port being busied-out or released, as specified on the command line. This is a 7-character port address of the screen port-network(2 digits), carrier(1 letter), slot(2 digits), and port(2 digits). For example, 01a0201 specifies port-network=01, carrier=a, slot=02, and port=01.
Extension	Extension associated with the displayed port.
State	Result of the busy-out or release operation. UEQ (unequipped, port board is not present) ISP (in-service pending) ISI (in-service and idle) ISB (in-service and busy) OSP (out-of-service pending) OOS (out of service)
Reason	If the board is out of service (OOS), this field displays a code indicating the reason. C (manually busied out, by craft) R (resource deficiency) M (taken out of service by maintenance and the voice port is alarmed)

### Sample Tasks

---

To busy-out a port:

1. Type **busyout port port-address [forced]** and press **ENTER** (F3).  
The **port-address** and the optional keyword, **forced**, are described above in the *Commands* section.
2. Press **CANCEL** (F1) to abort the operation and exit the screen.
3. Press **ENTER** (F3) to invoke the busy-out operation.

To return a port to service:

1. Type **release port port-address** and press **ENTER** (F3).
2. Press **CANCEL** (F1) to abort the operation and exit the screen.
3. Press **ENTER** (F3) to invoke the release operation.

### Additional Specifications

---

Service affecting. A port that is busied-out cannot be used to send or receive calls.

## test Port

The test Port screen initiates a demand port test on a port and displays the results of the test.

**test port *loc* long**

**test port *loc* long repeat *n***

where *loc* identifies the port to be tested.

Only a **long** test is available, which consists of a Port Switch Line Response test and a Port MWI Update test. The test is repeated *n* times, if specified. The **repeat *n*** parameter specifies the number of times the tests are to be run. If not specified, the tests are performed once.



### NOTE:

The activation commands for this screen can be executed by users with *craft* or higher-level login permission.

```

drmf2      Active   Alarms:   A  Thresholds: none           Logins: 2
test port 01a0201 long                                     Page 1 of 1
                                TEST PORT RESULTS           Date: 03/24/94 15:20

Resource   Loc.      Test Name                Most Recent      Test Counters:
VOICE_PT   01A0201  D-tone seizure test     Test Result      Pass Fail Abort
                                0           0           0

Press [Enter] to execute
enter command: test port 01a0201 long
1Cancel  2Refresh 3Enter  4ClearFld 5Help  6Choices 7NextPage 8PrevPage

```

## Field Descriptions

---

Name	Description (display only)
Date	Date that the test was requested.
Time	Time that the test was requested.
Resource	Type of resource being tested. This is always VOICE_PT on this screen.
Loc.	Location of the port in a 7-character string that indicates port-network, carrier, slot, and port. For example, 01a0201 indicates port-network=01, carrier=a, slot=02, port=01.
Test Name	Name of test being executed.
Most Recent Test Result-Code	Code indicating the result of the test blank (test has not been executed) R (test is running) P (last test passed) F (last test failed) A (last test aborted)
Most Recent Test Result-String	Up to 20 characters of text of additional test-result information.
Test Counters-Pass	No. of times the test has passed since the test command was executed.
Test Counters-Fail	Number of times the test has failed since the test command was executed.
Test Counters-Abort	No. of times the test has aborted since the test command was executed.

## Sample Tasks

---

To initiate a demand port test, first busyout the port:

1. Type **busyout port loc [forced]** and press **ENTER** (F3). If the optional keyword, **forced**, is included on the command line the port is removed from service immediately, interrupting any current use. If **forced** is not included, the port is marked as unavailable for new service but its current use is allowed to complete.
2. Press **CANCEL** (F1) to abort the operation and exit the screen.
3. Press **ENTER** (F3) to invoke the busy-out operation.

When the port has been busied-out,

1. Type **test port loc long** or **test port loc long repeat *n*** to repeat the tests *n* times, and press **ENTER** (F3).
2. Press **ENTER** (F3) to start the test, or **CANCEL** (F1) to return to the command line without executing the tests.

While the test series is running, you have three options:

1. Press **CANCEL** (F1) to abort the tests and return to the command line.
2. Wait for the test series to complete.
3. Press **ENTER** (F3) to put the test in the background and return to the command line.

Type **status test** to reconnect to the screen of a test running in background, or to display the results of the most recently completed test.

### Additional Specifications

A port must be busied-out (using the busyout/release Port screen) before it can be tested.

## list Remote Extension

The list Remote Extension screen displays a list of remote subscriber names, types, and extensions and the usage date. The list appears starting with either the first entry or the extension specified in the command line.

### list remote-extension *machine-name*

where *machine-name* is a required entry on the command line that identifies the name of the machine to which the displayed extensions belong.

### list remote-extension *machine-name extension*

where *extension* option specifies the starting extension in the list. If the extension is not specified, the list starts with the numerically lowest extension.

### list remote-extension *machine-name extension type*

where *type* option specifies that only extensions of that type are listed. Valid extension types are administered, verified, and unverified. Any truncations of these are accepted as long as they are spelled correctly. For example, a, ad, and admin would be accepted but not admin.

### list remote-extension *machine-name type*

#### ⇒ NOTE:

This screen can be activated only if the AMIS analog networking feature has been activated on the System-Parameters Customer-Options screen by AT&T personnel.

```

ax85      Active  Alarms:  A  Thresholds: none          Logins: 1
list remote-extensions alphaudix
LIST REMOTE EXTENSIONS

Extension  Name                               Type          Usage Date
83609     verified                            06/17/93
83894     verified                            11/12/93
83897     verified                            04/15/93
83915     verified                            09/03/93
84497     verified                            07/22/93
84849     verified                            08/25/93
84874     verified                            08/13/93
85063     verified                            09/03/93
85173     verified                            07/23/93

enter command:
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage

```

---

**Field Descriptions**

---

<b>Name</b>	<b>Description (display only)</b>
Extension	Extension of the remote subscriber.
Name	Name of the remote subscriber, if known.
Type	Type of the remote subscriber listed —administered, verified, or unverified.
Usage Date	Last day the remote subscriber associated with this extension had activity, was on the mailing list, or was the sender of a message not yet deleted.

## add/change/display/remove Remote Subscriber

The Remote Subscriber screen is used to display, add, change, and remove subscribers that are remote to the local DEFINITY AUDIX machine. For **add**, the subscriber name is optional. For the other commands either the name, address, or the machine name *and* subscriber extension must be included to identify a particular subscriber record.

**add remote-subscriber**  
**add remote-subscriber *name***

**change remote-subscriber *name***  
**change remote-subscriber *address***  
**change remote-subscriber *machine-name subscriber-extension***

**display remote-subscriber *name***  
**display remote-subscriber *address***  
**display remote-subscriber *machine-name subscriber-extension***

**remove remote-subscriber *name***  
**remove remote-subscriber *address***  
**remove remote-subscriber *machine-name subscriber-extension***

### ⇒ NOTE:

This screen can be activated only if the AMIS analog networking feature has been activated on the System-Parameters Customer-Options screen by AT&T personnel.

```

ax85      Active   Alarms:   A Thresholds: none           Logins: 1
display remote-subscriber alphaudix 84874           Page 1 of 1
          REMOTE SUBSCRIBER

          Name:                               Extension: 84874
          Address: 884874

Community ID: 1                               Administered? n
Voiced Name? n                               Non-Administered Type: verified

Last Usage Date: 08/13/93

          Machine Names
          alphaudix

enter command:
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage

```

## Field Descriptions

Name	Description	Valid Entries
Name	Name of the remote-subscriber to be added, removed, or whose service options are to be displayed or changed. For <b>add</b> and <b>change</b> , the new name must be unique and touch-tone unique.	required input field 1- to 29-alphabetic valid subscriber name The subscriber name should be entered in last name, first name format.
Extension	Subscriber's extension on the remote system. Use <b>display Machine</b> to view for valid ranges and extension lengths.	3- to 10-digit extension that is within range, and is of valid length for the remote machine (on which the remote subscriber is administered) and not assigned to another subscriber on the remote machine.
Address	Subscriber's address consisting of the prefix (if defined on the Machine screen) for the remote machine on which the subscriber resides, followed by the subscriber's extension.	blank 1 to 25 alphanumeric characters
Community ID	Community ID to be assigned to this subscriber. This is the default community ID for remote subscriber's machine. See the Machine screen, Community ID field.	blank 1 to 15
Administered?	Specifies whether or not a remote subscriber is administered. An administered remote subscriber has the name, extension, and only one machine field filled in.	y (subscriber administered) n (subscriber not administered)
Voiced Name?	Indicates whether or not a remote subscriber's name has been recorded.	display-only field y (subscriber's name recorded) n (subscriber's name not recorded)

Name	Description	Valid Entries
Non-Administered Type	Condition of the subscriber if the subscriber is not administered. verified (msg. successfully received from this subscriber) unverified (msg. addressed to this subscriber but not yet successfully delivered) no profile (the DEFINITY AUDIX system has no profile info. for the specified address)	display-only field blank
Last Usage Date	Date (mm/dd/yy) when the remote subscriber profile was last verified to be in use (had activity that day or was the sender of a message not yet deleted).	display-only field
Machine Names	Names of the machines associated with this remote subscriber. For administered remote subscribers and for verified non-administered subscribers, only one machine appears. For unverified non-administered subscribers, up to 16 machines appear.	blank 1 to 10 alphanumeric characters. A valid machine name must be entered on a add, change, or remove operation.

## add/change/display/remove Subscriber

The Subscriber screen is used to administer local DEFINITY AUDIX subscribers and to display and manipulate their service attributes. For **add**, the subscriber name or extension is optional. For the other commands, either the name or extension *must* be included. A subscriber name must be double quoted if the name contains spaces.

**add subscriber**  
**add subscriber *name***  
**add subscriber *extension***  
**add subscriber *name extension***

**change subscriber *name***  
**change subscriber *extension***

**display subscriber *name***  
**display subscriber *extension***

**remove subscriber *name***  
**remove subscriber *extension***

The Subscriber screen has two or three pages as shown below. The first page contains fields for administering a subscriber with a predefined class of service.

```

ax85      Active  Alarms:  A  Thresholds: none          Logins: 1
display subscriber 84884                               Page 1 of 3
SUBSCRIBER
      Name: Pat Lee                                     Locked? n
      Extension: 84884                                  Password:
      COS: custom                                       Miscellaneous: 131430000
Switch Number: 0                                       Covering Extension:
Community ID: 1                                       Broadcast Mailbox? n

enter command: display subscriber 84884
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

The second page of the screen is used to view or customize class-of-service information.

```

ax85      Active  Alarms:  A Thresholds: none          Logins: 1
display subscriber 84884                               Page 2 of 2
SUBSCRIBER CLASS OF SERVICE PARAMETERS
Addressing Format: extension
System Multilingual is ON          Login Announcement Set: System
Call Answer Language Choice? n    Call Answer Primary Annc. Set: System
Call Answer Secondary Annc. Set: System

PERMISSIONS Type: call-answer      Announcement Control? n
Outcalling? y                      Priority Messages? y      Broadcast: none
IMAPI Access? y                    IMAPI Voice File Transfer? y

INCOMING MAILBOX Order: fifo      Category Order: nuo
Retention Times (days), New: 30  Old: 20      Unopened: 30
OUTGOING MAILBOX Order: fifo      Category Order: nufda
Retention Times(days), File Cab: 60 Delivered/Nondeliverable: 5

Voice Mail Message (seconds), Maximum Length: 480 Minimum Needed: 32
Call Answer Message (seconds), Maximum Length: 480 Minimum Needed: 8
End of Message Warning Time (seconds):
Maximum Mailing Lists: 25      Total Entries in all Lists: 250
Mailbox Size (seconds), Maximum: 2400      Minimum Guarantee: 0

enter command: display subscriber 84884
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage
    
```

The third page of the screen is used to administer the automated attendant menu when the PERMISSIONS Type field on page 2 is set to auto-attendant.

```

ax85      Active  Alarms:  A Thresholds: none          Logins: 1
display subscriber 84884                               Page 3 of 3
SUBSCRIBER AUTOMATED ATTENDANT MENU

Allow Call Transfer? n

  Button  Extension  Treatment          Comment
  1:
  2:
  3:
  4:
  5:
  6:
  7:
  8:
  9:
Call Answer Message (seconds), Maximum Length: 480 Minimum Needed: 8
Timeout:

Length Of Time-Out On Initial Entry : 5

enter command: display subscriber 84884
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage
    
```

## Field Descriptions

---

Name	Description	Valid Entries	Default
<b>PAGE 1</b>			
Name	Required input field. Name of the subscriber being added, removed, or whose service options are being displayed or changed. For Bulletin Board service, the subscriber name should identify the type of messages to be posted. For Automated Attendants, the subscriber name should identify the attendant service.	1 to 29 alphabetic characters in last name, first name format. For <b>add</b> and <b>change</b> , the new name must be unique and touch-tone unique.	
Locked	Locked status of the subscriber's login ID. This field can be used to unlock a subscriber's locked login ID by replacing y with n. It cannot be used to lock a subscriber's login ID — change n to y.	n (id is not locked, or unlock the id) y (id is locked — display only)	n
Extension	Subscriber's extension.	3- to 10-digit extension that is within range, is not assigned to another local subscriber, and is of valid length on the local DEFINITY AUDIX machine (see the Machine Profile screen).	

**NOTE:**

The extension need not be administered on the switch for subscribers without call answer capability. For example, some Automated Attendants may have extensions that are not administered on the switch if they are strictly submenus.

Name	Description	Valid Entries	Default
Password	Password to be assigned to a subscriber. <b>NOTE:</b> To expire a user's password, enter <b>e</b> in this field when Password Aging is activated on the System-Parameters Features screen.	0- to 15-digit number blank If blank or if a password is shorter than the min. required length, the system forces the subscriber to change the password on the next login. e	blank
COS	Name or number of the class of service to be assigned to this subscriber.	1 to 8 alphanumeric characters Use <b>list COS</b> command to see valid COS names and numbers.	class0
Miscellaneous	Additional subscriber information for use by the administrator. This field is not used by the DEFINITY AUDIX system	blank 1 to 11 alphanumeric characters	blank
Switch Number	Number of the switch on which this subscriber's extension is administered.	0 to 20 0 means that the subscriber has a DEFINITY AUDIX mailbox but no extension on the switch. Mailboxes for shared extensions should also have a 0 in this field.	Admin-istered host switch number from the Switch-link screen.

**NOTE:**

The message waiting indication (MWI) feature will not work properly unless this switch number is the same as the host switch number assigned on the Switch-Link screen.  
Normally, you can use the default value in this field unless the DEFINITY AUDIX System is operating in a DCS environment  
For DCS, the switch number for each subscriber must identify the switch on which the subscriber is administered, and must be a switch number listed on the Switch-Link screen.

Name	Description	Valid Entries	Default
Covering Extension	Default destination for the Transfer Out of DEFINITY AUDIX feature. <b>NOTE:</b> The extension entered in this field should be an administered extension on the switch to minimize the possibility of toll fraud.	blank (Uses the system default covering extension specified on page 2 of the System-Parameters Features screen). 3- to 10-digit integer Extension must be of the correct extension length for the switch.	
Community ID	Community ID being assigned to this subscriber. See the System-Parameters Sending-restrictions screen for restrictions on sending messages between communities.	blank (uses the system default community ID from the Machine screen for the local machine.) 1 to 15	
Broadcast Mailbox	Indicates whether this subscriber is the special broadcast mailbox. For <b>add subscriber</b> you may enter y or n to indicate a special broadcast mailbox. To change y to n, the broadcast mailbox must be removed and readministered. An existing subscriber cannot be changed to be the broadcast mailbox.	display-only field for <b>change, display, and remove</b>	n

**PAGE 2**

The default values for fields on Page 2 depend on the class of service assigned to the subscriber. The *initial* default values specified for some of the fields may change if the class of service is changed.

Addressing Format	Default format (name or extension) this subscriber will use when addressing DEFINITY AUDIX messages.	name extension	extension
-------------------	--	-------------------	-----------

Name	Description	Valid Entries	Default
Login Announcement Set	Announcement set used for any system prompts when the subscriber logs into the system. If Multilingual feature is OFF, this field can only contain blank or system (system is defined in System-Parameters Features screen).	use <b>list annc-sets</b> to see installed annc-sets on this machine us-eng (Standard U S English) us-eng-t (Terse U. S. English) us-123 (123 U. S. English) us-tdd (TDD English) british (British English) lat-span (Latin Spanish) french-c (French Canadian) german (German) portug (Portuguese) dutch (Dutch)	system
System Multilingual	Specifies whether the System Multilingual Feature is ON or OFF. This system-wide feature is administered in the System-Parameters Customer-Options screen.	display-only field	
Call Answer Primary Annc. Set	Announcement set used for the system prompts and greeting (personal or standard system) unless and until the caller opts to switch annc. sets.	same as Login Announcement Set <b>NOTE:</b> To specify an alternate announcement set, the System Multilingual Feature must be enabled (ON).	system
Call Answer Language Choice	Enables Call Answer Language Choice, which lets a caller switch to a second language. If enabled, call answer calls to the subscriber's mailbox are greeted using the primary language and the caller is instructed (in the secondary language) to enter *1 to switch to the secondary language.	y (enabled) <b>NOTE:</b> Multiple Personal Greetings feature is not available to the subscriber when Call Ans. Lang. Choice is enabled. n (disabled)	n

Name	Description	Valid Entries	Default
Call Answer Secondary Annc. Set	Announcement set for system prompts and the greeting (personal or standard system) once the caller opts to switch announcement sets from the primary.	same as Login Announcement Sets To specify an alternate announcement set, the multilingual feature must be ON and Call Answer Language Choice must be y.	system
<b>PERMISSIONS</b>			
Type	How Call-Answer calls to this subscriber's mailbox will be handled by the DEFINITY AUDIX system.	auto-attendant (Changing to auto-attendant adds a third page to this screen; changing from auto-attendant removes the third page of this screen.) bulletin-board call-answer none (No Call Answer— Voice Mailbox only)	call-answer
Announcement Control	Indicates whether this subscriber can record names and system announcements.	y (can record) n (cannot record)	
<b>WARNING!</b> Subscribers with this permission can change announcements heard by users. This capability should be reserved for system administrators.			
Outcalling	Allows subscriber to activate the Outcalling feature, which alerts a subscriber to a new message by placing a call to that subscriber.	y (outcalling permitted) n (outcalling not permitted)	
Priority Messages	Allows subscriber to send priority voice-mail messages to other subscribers.	y (can send priority msgs.) n (can't send priority msgs.)	n
Broadcast	Types of broadcast messages subscriber can create.	voice login both none	

If the number of purchased IMPAI sessions is zero, as administered on the System-Parameters Customer-Options screen, these fields can only be n.

Name	Description	Valid Entries	Default
IMAPI access	Enables Intuity Message Manager client to access server.	y (enabled) n (disabled)	n
IMAPI Voice File Transfer	Enables the DEFINITY AUDIX server to transfer client voice files over the LAN to a client PC. Set this to <b>y</b> to allow this subscriber to archive messages they receive.	y (enabled) n (disabled)	n
<b>INCOMING MAILBOX</b>			
Order	Order for retrieving incoming mailbox messages for this subscriber.	fifo (first in, first out) lifo (last in, first out)	fifo
Category Order	Order for scanning the incoming mailbox message categories for this subscriber. For example, <b>nuo</b> specifies that new messages are scanned first, unopened messages second, and old messages last.	these three characters in any order: n (New — Neither header nor message body has been read) u (Unopened — Header has been read but not message body) o (Old — Header and message body have been read)	
Retention Time, (New, Old, and Unopened)	Number of days that (new, old, or unopened) messages are retained in the incoming mailbox for this subscriber.	0 to 999	
<p><b>NOTE:</b> The retention time clock is not reset to zero when a message is moved between the old, unopened, and new categories. For example, if the retention time is 10 days for all three categories, a message is removed after 10 days (not 30 days) regardless of whether or when it is moved from one category to another.</p>			
<b>OUTGOING MAILBOX</b>			
Order	Order for retrieving messages from the outgoing mailbox for this subscriber.	fifo (first in, first out) lifo (last in, first out)	fifo

Name	Description	Valid Entries	Default
Category Order	Order for scanning subscriber's outgoing mailbox message categories. Valid entries are these five characters in any order: f (File cabinet — Saved copies of created messages) u (Undelivered — Messages awaiting delivery) n (Nondeliverable — Unsuccessful message deliveries) d (Delivered — Notifications of delivered messages) a (Accessed — Notifications of delivered and accessed messages)		ufdan
Retention Times (File Cab and Delivered / Nondeliverable)	Number of days that (file cabinet or delivered/ nondeliverable) messages are retained in the outgoing mailbox for this subscriber.	0 to 999	
Voice Mail Messages, Maximum Length	Max. duration (in seconds) of voice-mail messages that can be created by this subscriber.	0 to 1200	300
Voice Mail Messages, Minimum Needed	Min. mailbox space (in seconds) that must be available for this subscriber to create a voice-mail message.	0 to 1200	32
Call Answer Messages, Maximum Length	Max. duration (in seconds) of call-answer messages that can be left for this subscriber.	0 to 1200	120
Call Answer Messages, Minimum Needed	Min. mailbox space (in seconds) that must be available to leave a call-answer message for this subscriber.	0 to 1200	8
End of Message Warning Time	Specifies when the End of Message Warning recording is played — number of seconds before the maximum recording time has been reached during a message recording. The warning message is played this number of seconds before the max. recording time has been reached.	blank (the value on the System-Parameters Features screen is used) 0 (no end-of-message warning is played) 15 to 60	blank
Maximum Mailing Lists	Max. number of mailing lists that can be created by this subscriber.	0 to 999	25

Name	Description	Valid Entries	Default
Total Entries in all Lists	Max. total number of mailing list entries that can be created for all mailing lists owned by this subscriber.	0 to 9999	
Mailbox Size, Maximum	Max. seconds of mailbox space for this subscriber.	0 to 32767 (just over 9 hours)	1200 (20 min.)
Mailbox Size, Minimum Guaranteed	Number of seconds of mailbox space guaranteed for this subscriber. It is recommended that <i>no</i> space be guaranteed because the reserved space may never be used by some subscribers.	0 to 9999	0

---

**PAGE 3**

This page appears only if the PERMISSIONS Type field on Page 2 is set to auto-attendant.

Allow Call Transfer	Allows callers to transfer out of the DEFINITY AUDIX system via *T when this automated attendant is reached.	y (permit callers to use *T to transfer) n (do not permit callers to use *T to transfer)	n
---------------------	--	---	---

**NOTE:**

It is strongly recommended that this field be left at its default setting, **n** for most attendants.

Extension	Extension associated with the listed button. This is the extension that the caller accesses when dialing the digit button for this line of the screen.	blank e (lets caller dial any extension or name beginning with this button number) 3- to 10-digit extension number	blank
-----------	--	--	-------

**NOTE:**

To use the automated attendant to redirect calls to caller-specified extensions or mailboxes, enter **e** in this field. The prompt should instruct the caller to enter an extension or a name. If a name is expected, the Addressing Format field on page 2 of the screen must be set to name. Also, all extension fields for buttons 2 through 9 should have an e in those fields. For a single-button menu, the value in this field should be an extension

Name	Description	Valid Entries	Default
Treatment	How the DEFINITY AUDIX system handles the call when the button is pressed. Valid entries are: blank call-answer (transfers call into the extension's mailbox and plays the Call-Answer greeting. Provides normal Call-Answer treatment for the mailbox; for example, call answering, automated attendant, bulletin board). guest-greeting (transfers the call into the extension's mailbox, without transferring through the switch. Plays the standard guest greeting, "Please leave a message for <i>name</i> .", and allows the caller to record a message.) transfer (Transfers the call to the extension on the switch.)		blank
	<b>NOTE:</b> A blank in the Extension field requires a blank in the Treatment field. A non-blank value in the Extension field requires a non-blank value in the Treatment field		
Comment	Comments to help identify the extension.	blank 1 to 29 alphanumeric characters	blank
Timeout, Extension	Extension to which the caller is transferred when the timeout period has elapsed.	blank (caller is disconnected after two timeout periods have elapsed) 3- to 10-digit extension number	
Timeout, Treatment	How the DEFINITY AUDIX system handles the call if a timeout occurs and no input is received.	same as Treatment field on this screen	
	<b>NOTE:</b> A blank in the Timeout, Extension field requires a blank in the Timeout, Treatment field. A non-blank value in the Extension field requires a non-blank value in the Treatment field.		
Timeout, Comment	Comments to help identify the timeout extension.	blank 1 to 29 alphanumeric characters	blank
Length of Timeout on Initial Entry	Number of seconds the DEFINITY AUDIX system will wait for a response from the caller.	0 to 9	5

## audit Subscriber-Data

The Audit Subscriber-Data screen initiates a demand audit on each subscriber's data and displays the results of the audit.

### audit subscriber-data

```

drmf2      Active   Alarms:  A  Thresholds: none           Logins: 2
audit subscriber-data          Please Wait
                                AUDIT RESULTS          Date: 03/24/94 15:24

                                Audit Name      Result
                                Audit Subscribers  R Running
                                Audit Delivery Data

Press [Cancel] to abort, [Enter] to continue in background
enter command: audit subscriber-data
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage
    
```

## Field Descriptions

Name	Description (display only)
Date	Date that the audit was requested.
Time	Time that the audit was requested.
Audit Name	Name of the audit being run.
Result	1-character code that indicates the last result of the named audit, and up to 20 characters of text of additional audit-result information. blank (audit has not been executed) R (audit is running) P (last audit passed) F (last audit failed) A (last audit aborted)

## Sample Tasks/Additional Specifications

Same as **audit Mailboxes**.

## list Subscribers

The list Subscribers screen displays a list of local subscriber names, extensions, classes of service, and miscellaneous information. The list is shown in alphabetical order by subscriber name.

### list subscribers

#### list subscribers *name-characters*

where *name-characters* is all or part (beginning characters) of the name of the first subscriber to be listed.

```

drmf2      Active   Alarms:   A Thresholds: none           Logins: 2
list subscribers
LIST SUBSCRIBERS

Name                Extension   Class-of-Service   Misc.
ext-72101           72101      custom
ext-72102           72102      class00
ext-72103           72103      class00
ext-72106           72106      class00
ext-72107           72107      class00
ext-72108           72108      class00
ext-72109           72109      class00
ext-72110           72110      custom
ext72104            72104      class00
ext72105            72105      class00

enter command:
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage

```

## Field Descriptions

Name	Description (display only)
Name	Names of the local subscribers. The subscriber names are listed in alphabetic order starting with the first alphabetic name or starting with the characters specified on the command line.
Extension	Extension numbers of the local subscribers.
Class-of-Service	Name of the subscriber's assigned class of service.
Misc.	From 0 to 11 alphanumeric characters of additional subscriber information.

## change/display Switch-Link (CL Mode)

The Switch Link DCIU-SCI screen is used by the system installer to define the control link from the switch to the DEFINITY AUDIX system. The screen described in this section is active when the DEFINITY AUDIX system is running in the CL switch-integration mode (Control Link emulates a 16-port analog board), as specified on the System-Parameters Customer-Options screen. A different version of this screen is active for the DP mode (Digital Port uses an eight-port board). The screen-activation commands are the same for both modes.

**display switch-link**

**change switch-link**

```

drmf2      Active  Alarms:  A  Thresholds: none          Logins: 2
display switch-link                               Page 1 of 1
                SWITCH LINK DCIU-SCI
Switch      AUDIX Port      Switch  Data      Switch      AUDIX Port      Switch  Data
Number     Logical Channel   Port    Link      Number     Logical Channel   Port    Link
   1         1         59      1          2
   3
   5         1         59      1          4
   7
   9         1         59      1          6
  11
  13         1         59      1          8
  15
  17         1         59      1          10
  19         1         59      1          12
                                14
                                16
                                18
                                20

      Host Switch: 1
        AUDIX: 1

enter command:
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage

```

## Field Descriptions

---

Name	Description	Valid Entries	Default
<b>AUDIX Port</b>			
Switch Number	Identifies the switches using this DEFINITY AUDIX system. In a DCS network, this number must match the DCS node number for each switch. If not in a DCS network, only one switch should be administered.	display-only field	
<p><b>NOTE:</b> The following three AUDIX Port fields have default values for the Switch Number corresponding to the value of the Host Switch field. These three values must be cleared before values for another Switch Number can be entered.</p>			
Logical Channel	DEFINITY AUDIX port number/ logical channel used to communicate with the DCS switch node with this Switch Number. For the host switch, this must match the logical channel administered on the host switch for communicating with the DEFINITY AUDIX system. For a remote DCS node, this is the logical channel administered on the host switch for the hop channel to that DCS node.	blank 1 to 64	1 for switch 1  blank for other switches
Switch Port	Switch port number for communicating with the DEFINITY AUDIX system. The switch port number is administered on the host or remote switch as the "processor channel" for the System 75, G1, G3i, G3s, and G3vs switches, and as the "local port" for G3r, G2, and System 85 switches.	blank 1 to 64	none
Data Link	Number of the physical data link on the host switch associated with the corresponding DCS switch node. If the DEFINITY AUDIX System is <i>not</i> operating in a DCS environment.	blank 1 The only valid entries are blank and 1.	blank
Host Switch	Switch number assigned to the host switch.	1 to 20	

Name	Description	Valid Entries	Default
	<p><b>NOTE:</b> The host switch number should be entered on this screen before subscribers are administered. The AUDIX Port/Logical Channel, Switch-Port, and Data-Link fields must be filled in for the switch number entered in this field.</p> <p>The host switch number should not be changed after installation. If the host switch number is changed after installation, the switch number on the Subscriber screen must be changed to match this number for all subscribers; then a switch translations audit must be run or the system must be restarted.</p>		
AUDIX	DEFINITY AUDIX machine number as known by the switch.	1 to 8	
	<p><b>NOTE:</b> The Logical Channel, Switch Port, and AUDIX numbers must be the same as the corresponding numbers administered on the switch. These fields have different names on the switch screens. The field names on the switch screens corresponding to the DEFINITY AUDIX Switch Link screen field names are shown in the following table.</p>		

**Processor Channel Screen**

DEFINITY AUDIX Switch-link DCIU-SCI Screen	System 75, G1, G3i,s,vs	G3r	Remote System 85/G2
AUDIX Port Logical Channel	Interface Channel, or Remote Processor Channel	Interface Channel, or Remote port	Remote port
Switch Port	Processor Channel	Local Port	Local Port
AUDIX	Machine ID	Machine ID	Machine ID

## display/change Switch-Link (DP Mode)

The system installer uses the Switch Link Embedded screen to define the integration method between the switch and the DEFINITY AUDIX system. This screen is active when the DEFINITY AUDIX system is running in the DP switch-integration mode (Digital Port uses an eight-port board), as specified on the System-Parameters Customer-Options screen. A different version of this screen is active for the CL mode (Control Link emulates a 16-port analog board). The screen-activation commands are the same for both modes.

**display switch-link**

**change switch-link**

```

ax85      Active  Alarms:  A  Thresholds: none          Logins: 1
display switch-link                               Page 1 of 1
          SWITCH LINK EMBEDDED
          Host Switch: 1    AUDIX: 1

TIMEOUT PARAMETERS
Call Answer Timeout: 5    Timeout Treatment: none    Extension:

enter command:
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage

```

### Field Descriptions

Name	Description	Valid Entries	Default
Host Switch	Switch number assigned to the host switch.		1

Name	Description	Valid Entries	Default
	<p><b>NOTE:</b> The host switch number should not be changed after installation. If the host switch number is changed after installation, the switch number on the Subscriber screen must be changed to match this number for all subscribers; then a switch translations audit must be run or the system must be restarted.</p>		
AUDIX	DEFINITY AUDIX machine number.	1 to 99	1
<b>TIMEOUT PARAMETERS</b>			
Call Answer Timeout	Number of seconds the system waits before assuming that no touch-tone digits will be entered by the caller. When the DEFINITY AUDIX system answers a call without receiving a <i>connect</i> message, the call is assumed to be call answer rather than voice mail. When the timeout number is exceeded, the specified timeout treatment is used.	0 to 99	5
Timeout Treatment	Specifies how calls are handled when the call-answer timeout period expires.	none (disconnect the call) mailbox (transfer to the specified mailbox) transfer (transfer to the specified extension)	none
	<p><b>NOTE:</b> Since some callers use rotary telephones and will be unable to make a selection, it is strongly recommended that the mailbox or transfer option be used.</p>		
Extension	Extension or the mailbox depending on entry in the Timeout Treatment field) to which calls are transferred if the call-answer timeout period has expired.	3- to 10-digit extension numbers. blank (only if the Timeout Treatment is none.)	
	<p><b>NOTE:</b> If mailbox is entered in the Timeout Treatment field, this field must identify a valid DEFINITY AUDIX subscriber.</p>		

## busyout/release Switch-Link (CL Mode)

The busyout/release Switch-Link screen is used to busyout or release the switch-link and to display the results of the busyout or release operation.

**busyout switch-link**

**release switch-link**

```

drmf22 Active Alarms: A Thresholds: none Logins: 2
busyout switch-link
BUSYOUT/RELEASE SWITCH-LINK
Resource Location State Reason
SWITCHLINK 01A0202 OOS C

Command Successfully Completed
enter command:
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage
    
```

### Field Descriptions

Name	Description (display only)
Resource	Name of the object being busied-out or released. For this screen, the resource value is SWITCHLINK.
Location	Location of the switch-link being busied-out or released, in the format, port-network, carrier, slot, and port; for example, 01a0202.
State	State of the switch-link: ISP (in service pending) ISB (in service and busy) OOS (out of service)

## Screen Descriptions

---

Name	Description (display only)
Reason	If the switch-link is out of service (OOS), this field indicates the reason: C (manually busied out, by craft) T (test in progress) F (taken out of service by maintenance and the switch-link is alarmed)

## status Switch-Link

The status Switch-Link screen is used to display the status of the switch link.

### status switch-link



#### NOTE:

This screen can be activated while the DEFINITY AUDIX system is in the OA&M state.

```

drmf2      Active  Alarms:  A  Thresholds: none          Logins: 2
status switch-link                               Page 1 of 1
                                STATUS SWITCH-LINK

Type      Baud  Location  State  Reason
dcIU-sci  9600  01A0202  00S   C

FSW words - level 1-3: 0000000000000000 0000000000000000 0000000000000000

DCIU switches (In/Out of data transfer)
  1  2  3  4  5  6  7  8  9 10 11 12 13 14 15 16 17 18 19 20
  0

Counters 1-10: 0  0  0  0  0  0  0  0  0  0
            11-20: 0  0  0  0  0  0  0  0  0  0
            21-30: 0  0  0  0  0  0  0  0  0  0
            31-40: 0  0  0  0  0  0  0  0  0  0
            41-50: 0  0  0  0  0  0  0  0  0  0
            51-60: 0  0  0  0  0  0  0  0  0  0
            61-65: 0  0  0  0  0  0  0  0  0  0

enter command:
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage

```

## Field Descriptions

Name	Description (display only)
Type	Type of switch link currently administered.
Baud	Transmission rate for the switch link (1200 - 9600).
Location	Location of the switch-link in the format, port-network, carrier, slot, and port id; for example, 01a0202.

Name	Description (display only)																						
State	Possible switch-link states: ISP (in service pending: in service and not allocated for testing; all switches are out of data transfer.) ISB (in service and busy: in service and being used for normal operation; at least one switch is in data transfer) OOS (out of service: the switch-link is out of service for the reason specified in the "reason" field)																						
Reason	Possible out of service reasons: C (manually busied out, by craft) T (test in progress) F (a fault on the switch link. All lines are down.)																						
FSW words - level 13	Failure status word for levels 13 of the switch link  <table border="0"> <thead> <tr> <th>FSW Level</th> <th>Bits Used</th> </tr> </thead> <tbody> <tr> <td>FSW 1</td> <td>                             Bits 0-2 give the level 1 state:                              0 - Carrier Detect                              1 - Clear To Send                              2 - Data Set Ready                         </td> </tr> <tr> <td>FSW 2</td> <td>Bits 04 give the level 2 state.</td> </tr> <tr> <td>FSW 3</td> <td>Bits 02 give the level 3 restart state.</td> </tr> </tbody> </table>	FSW Level	Bits Used	FSW 1	Bits 0-2 give the level 1 state: 0 - Carrier Detect 1 - Clear To Send 2 - Data Set Ready	FSW 2	Bits 04 give the level 2 state.	FSW 3	Bits 02 give the level 3 restart state.														
FSW Level	Bits Used																						
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FSW 2	Bits 04 give the level 2 state.																						
FSW 3	Bits 02 give the level 3 restart state.																						
DCIU switches (In/Out of data transfer)	Data transfer state for up to 20 switches: I (In data transfer) O (Out of Data Transfer) blank (Switch is unassigned)																						
Counters	Counter for the switch-link protocol stack.  <table border="0"> <thead> <tr> <th>Counters</th> <th>For</th> </tr> </thead> <tbody> <tr> <td>1 - 6</td> <td>Level 1</td> </tr> <tr> <td>7 - 21</td> <td>Level 2</td> </tr> <tr> <td>22</td> <td>Switch no. for next 10 counters</td> </tr> <tr> <td>23 - 32</td> <td>Level 3</td> </tr> <tr> <td>33</td> <td>Switch no. for next 10 counters</td> </tr> <tr> <td>34 - 43</td> <td>Level 3</td> </tr> <tr> <td>44</td> <td>Switch no. for next 10 counters</td> </tr> <tr> <td>45 - 54</td> <td>Level 3</td> </tr> <tr> <td>55</td> <td>Switch no. for next 10 counters</td> </tr> <tr> <td>56 - 65</td> <td>Level 3</td> </tr> </tbody> </table>	Counters	For	1 - 6	Level 1	7 - 21	Level 2	22	Switch no. for next 10 counters	23 - 32	Level 3	33	Switch no. for next 10 counters	34 - 43	Level 3	44	Switch no. for next 10 counters	45 - 54	Level 3	55	Switch no. for next 10 counters	56 - 65	Level 3
Counters	For																						
1 - 6	Level 1																						
7 - 21	Level 2																						
22	Switch no. for next 10 counters																						
23 - 32	Level 3																						
33	Switch no. for next 10 counters																						
34 - 43	Level 3																						
44	Switch no. for next 10 counters																						
45 - 54	Level 3																						
55	Switch no. for next 10 counters																						
56 - 65	Level 3																						

## test Switch-Link (CL Mode)

The test Switch-Link screen initiates a demand test of the AUDIX-to-switch data link and displays the result of the test.

### test switch-link long

If **long** is specified, a test of the complete path to the switch is performed.

### test switch-link looparound

If **looparound** is specified, a test to an external loopback plug is performed.

### ⇒ NOTE:

The activation commands for this screen can be executed by users with *craft* or higher-level login permissions. This screen can be activated while the DEFINITY AUDIX system is in the OA&M state.

```

drmf2      Active   Alarms: mwa  Thresholds: none           Logins: 4
test switch-link long                               Page 1 of 1
                SWITCH-LINK TEST RESULTS           Date: 03/24/94 15:34

Resource  Loc.      Test Name          Most Recent      Test Counters:
SWITCHLINK 01A0202 Test UART          Test Result      Pass Fail Abort
SWITCHLINK 01A0202 Reset looparound  0      0      0
SWITCH      1      Query data transfer 0      0      0

Press [Enter] to execute
enter command: test switch-link long
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage

```

## Field Descriptions

Name	Description (display only)
Date	Date and time the test was invoked.
Resource	This field displays the name of the object being tested. For this screen, the resource value is SWITCHLINK.
Location	Location of the switch-link in the format, port-network, carrier, slot, and port id; for example, 01a0202.

Name	Description (display only)
Test Name	Test Name
Most Recent Test Result	Result of the most recently run test. The first field displays one of the following characters — R (for test running), P (for test passed), F (for test failed), or A (for test aborted). The second field contains up to 20 characters of additional information on the most recently run test.
<b>Test Counters</b>	
Pass	No. of times the test has passed since test command was executed.
Fail	No. of times the test has failed since test command was executed.
Abort	No. of times the test has aborted since test command was executed.

### Sample Tasks

---

To perform a complete test of the AUDIX-to-switch data link:

1. Type **test switch-link long** and press **ENTER** (F3).
2. Press **ENTER** (F3) to start the test, or **CANCEL** (F1) to return to the command line without executing the test.

While the test is running, you have three options:

1. Press **CANCEL** (F1) to abort the test and return to the command line.
2. Wait for the test to complete.
3. Press **ENTER** (F3) to put the test in the background and return to the command line.

Type **status test** to reconnect to the screen of a test running in background, or to display the results of the most recently completed test.

To perform a looparound test of the switch link:

1. Type **test switch-link looparound** and press **ENTER** (F3).
2. Press **ENTER** (F3) to start the test, or **CANCEL** (F1) to return to the command line without executing the tests.

While the test is running, you have three options:

1. Press **CANCEL** (F1) to abort the test and return to the command line.
2. Wait for the test to complete.
3. Press **ENTER** (F3) to put the test in the background and return to the command line.

Type **status test** to reconnect to the screen of a test running in background, or to display the results of the most recently completed test.

## audit Switch-Names

When the DEFINITY AUDIX System is running in DP mode, the audit Switch-Names screen initiates a demand audit on each subscriber's name (as displayed on the switch) and displays the audit results. This audit creates a directory of extensions and the name associated with each extension on the switch.

### audit switch-names

#### ⇒ NOTE:

This screen is not accessible in CL mode.

```

ax85      Active   Alarms:   A Thresholds: none           Logins: 1
audit switch-names          Page 1 of 1
                                AUDIT RESULTS           Date: 06/01/94 10:30

                                Audit Name           Result
                                Audit Switch Names

Press [Enter] to execute
enter command: audit switch-names
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage

```

## Field Descriptions

Name	Description (display only)
Date	Date that the audit was requested.
Time	Time that the audit was requested.
Audit Name	Name of the audit being run.

Name	Description (display only)
Result	1-character code that indicates the last result of the named audit, and up to 20 characters of text of additional audit-result information. blank (audit not executed) R (audit is running) P (last audit passed) F (Last audit failed) A (Last audit aborted)

### Sample Tasks/Additional Specifications

Same as **audit Mailboxes**.

## display/change Switch-Time-Zone

The Switch Time Zone screen is used to assign a time zone for the host switch.

**display switch-time-zone**

**change switch-time-zone**

```

drmf2 Active Alarms: mWA Thresholds: none Logins: 3
display switch-time-zone Page 1 of 1
                SWITCH TIME ZONE
Switch      Time      Daylight      Switch      Time      Daylight
Number      Zone      Savings?      Number      Zone      Savings?
  1:         5         y              2:
  3:
  5:
  7:
  9:
 11:
 13:
 15:
 17:
 19:
                10:
                12:
                14:
                16:
                18:
                20:

                Host Switch:  1

enter command:
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage
    
```

### Field Descriptions

Name	Description	Valid Entries	Default
Time Zone	Time zone number in which the associated switch is located. The time zone number is the number of hours difference (measured during standard time) between the time zone of the switch and universal coordinate time (formerly called Greenwich mean time), measured east to west.	blank 0 to 23 4 (Atlantic Standard Time) 5 (Eastern Standard Time) 6 (Central Standard Time) 7 (Mountain Standard Time) 8 (Pacific Standard Time) 9 (Alaska) 10 (Hawaii)	5

---

Name	Description	Valid Entries	Default
Daylight Savings?	Indicates whether the associated switch is in a time zone that implements daylight savings time from April to October. The DEFINITY AUDIX system adjusts its time records ahead by one hour in April and back again in October for a switch with a y in this field.	y (daylight savings time is implemented in this time zone) n (daylight savings time is not implemented in this time zone)	y
Host Switch	Number assigned to the host switch. This no. is the no. of the switch in which the system is embedded. A reboot is required if the time zone of the host switch is changed. (Use the Switch-Link screen to change the host switch.)	display-only field	

## audit Switch-Translations

---

The audit Switch-Translations screen initiates a demand audit on switch-translations and displays the results of the audit.

### audit switch-translations

```

drmf2      Active   Alarms:   1 Thresholds: none           Logins: 2
audit switch-translations
                                AUDIT RESULTS           Date: 03/24/94 15:36
                                Audit Name          Result
                                Audit Switch Xlatins P Passed

Command Successfully Completed
enter command:
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage
    
```

## Field Descriptions

---

Name	Description (display only)
Date	Date that the audit was requested.
Time	Time that the audit was requested.
Audit Name	Name of the audit being run.
Result	1-character code that indicates the last result of the named audit, and up to 20 characters of text of additional audit-result information. blank (audit has not been executed) R (audit is running) P (last audit passed) F (last audit failed) A (last audit aborted)

**Sample Tasks/Additional Specifications**

Same as **audit Mailboxes**.

## reset System OA&M

The reset System OA&M screen resets the DEFINITY AUDIX system to the Operations, Administration, and Maintenance (OA&M) state from the AUDIX state. The OA&M state is entered to perform certain configuration and maintenance procedures. Call activity and subscriber administration are not possible in the OA&M state.

### reset system oa&m

The reset System OA&M screen has two pages. The first page displays a warning about the reset.

```

drmf2      Active   Alarms:   A Thresholds: none           Logins:2
reset system oa&m                               Page 1 of 1
          RESET SYSTEM OA&M

WARNING - Pressing [Enter] now causes the system to be reset to the OA&M state.
          The reset cannot be cancelled after [Enter] has been pressed.

          The reset will be performed in a camp-on manner.

          Press [Cancel] to avoid doing the reset.

enter command: reset system oa&m
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage

```

Pressing **CANCEL** (F1) while on the first page exits the screen without performing the reset. Pressing **ENTER** (F3) while on the first page confirms the operation, begins an uncancellable reset to the OA&M state, and displays the second page of the screen.

### ⇒ NOTE:

Once **ENTER** (F3) is pressed, the camp-on reset cannot be cancelled and will occur when all ports become idle.

The status line on all screen sessions changes to read "State change to OA&M in progress ", and other screen-session users should log off immediately.

```

ax85      Active   Alarms:   A Thresholds: none           Logins: 1
reset system oa&m                               Page 1 of 1
                                                Date: 06/01/94 10:30

                RESET SYSTEM OA&M STATUS

    Remaining voice ports active:
    Remaining networking ports active:
    Tape operation in progress:

    The camp-on reset in progress cannot be cancelled.
    Press [Enter] now to cause an immediate forced reset.
    WARNING: Forcing a reset with active tape operations
              could result in data corruption!

Press [Enter] to execute
enter command: reset system oa&m
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage
    
```

While the second page appears, the number of active ports and the tape-drive status are updated at least once every ten seconds. The reset is done in a camp-on manner; that is, new calls are denied and the reset itself does not occur until all ports and the tape drive are idle. All screen sessions are terminated when the reset actually starts.

The **CANCEL** key is ineffective once the second page appears. Pressing the **ENTER** (F3) key while the second page appears causes a *forced* reset; that is, ports are idled and the reset begins immediately.

**⇒ NOTE:**  
Data corruption could occur if a forced reset is performed while the tape is active.

### Field Descriptions

Name	Description (display only)
Remaining voice ports active	Number of voice ports that remain active. This field is updated every ten seconds.
Remaining networking ports active	Number of networking ports that remain active. This field is updated every ten seconds.

Name	Description (display only)
Tape Operation in Progress?	Indicates whether or not the tape drive is currently active. This field is updated every ten seconds.

### Sample Tasks

---

To reset the DEFINITY AUDIX system to the OA&M state:

1. Type **reset system oa&m** and press **ENTER** (F3). The first page of the screen appears.
2. Press **ENTER** (F3) to begin an uncancelable reset to the OA&M state, or press **CANCEL** (F1) to exit the screen without performing the reset.
3. The second page of the screen displays if **ENTER** (F3) was pressed. There are two options:
  - Wait for the reset to complete.
  - Press **ENTER** (F3) to cause a forced reset (ports are idled and the reset begins immediately).

### Additional Specifications

---

Once a user has started a *reset* operation, no other users can use the same screen; that is, only one *reset* is permitted at a time. Also, no other screen operations from that login session are possible.

## reset System Reboot

The reset System Reboot screen resets the DEFINITY AUDIX system to the AUDIX state by rebooting the operating system and restarting the DEFINITY AUDIX software.

### reset system reboot

#### ⇒ NOTE:

You can execute this command from either the AUDIX or the OA&M state.

The reset System Reboot screen has two pages. The first page displays a warning about the reboot.

```

drmf2      Active  Alarms:  A  Thresholds: none          Logins: 2
reset system reboot                               Page 1 of 1
          RESET SYSTEM REBOOT

WARNING - Pressing [Enter] now causes the system to be rebooted to the AUDIX
          state. The reboot cannot be cancelled after [Enter] has been pressed.

          The reboot will be performed in a camp-on manner.

          Press [Cancel] to avoid doing the reboot.

enter command: reset system reboot
1[Cancel] 2[Refresh] 3[Enter] 4[ClearFld] 5[Help] 6[Choices] 7[NextPage] 8[PrevPage]

```

Pressing **CANCEL** (F1) while on the first page exits the screen without performing the reset. Pressing **ENTER** (F3) on the first page confirms the operation, begins an *uncancellable* reboot to the AUDIX state, and displays the second page.

The reset is done in a camp-on manner; that is, new calls are denied and the reboot itself does not begin until all ports and the tape drive are idle. If the reboot is initiated from the OA&M state, the camp-on option applies only to the tape-drive status since no ports are active.

#### ⇒ NOTE:

Once **ENTER** (F3) is pressed, the camp-on reset cannot be cancelled and will occur when all ports and the tape drive become idle.

The status line on all screen sessions changes to read "System reboot in progress", and other screen-session users should log off immediately.

If initiated from the OA&M state, the second page appears only if the tape drive is active. The second page of the screen is shown below.

```

ax85      Active   Alarms:   A Thresholds: none           Logins: 1
reset system reboot                               Page 1 of 1
                                                Date: 06/01/94 10:30

                RESET SYSTEM REBOOT STATUS

    Remaining voice ports active:
    Remaining networking ports active:
    Tape operation in progress:

    The camp-on reboot in progress cannot be cancelled.
    Press [Enter] now to cause an immediate forced reboot.
    WARNING: Forcing a reset with active tape operations
              could result in data corruption!

Press [Enter] to execute
enter command: reset system reboot
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage
    
```

In the second page, the number of active ports (if any) and the tape-drive status are updated at least once every ten seconds. All screen sessions are terminated when the reset actually starts.

The **CANCEL** key is ineffective once the second page appears. Pressing the **ENTER** (F3) key from the second page causes a *forced* reset; that is, ports are idled and the reboot begins immediately.



**NOTE:**

Data corruption may occur if you perform a forced reset while the tape is active.

**Field Descriptions**

Name	Description (display only)
Remaining voice ports active	No. of voice ports that remain active. This field is updated every ten seconds.
Remaining networking ports active	No. of networking ports that remain active. This field is updated every ten seconds.
Tape Operation in Progress?	Indicates whether or not the tape drive is currently active. This field is updated every ten seconds.

## Sample Tasks

---

To execute the **reset system reboot** command from the AUDIX state:

1. Type **reset system reboot** and press **ENTER** (F3). The first page of the screen appears.
2. Press **ENTER** (F3) to begin an uncancelable restart to the AUDIX state, or press **CANCEL** (F3) to exit the screen without performing the reboot.
3. The second page of the screen appears if **ENTER** (F3) was pressed. There are two options:
  - Wait for the reboot to complete.
  - Press **ENTER** (F3) to cause a forced reboot (ports are idled and the restart begins immediately).

To execute the **reset system reboot** command from the OA&M state:

1. Type **reset system reboot** and press **ENTER** (F3). The first page of the screen appears.
2. Press **ENTER** (F3) to begin an uncancelable reboot to the AUDIX state, or press **CANCEL** (F1) to exit the screen without performing the reboot.

## Additional Specifications

---

Once a user has started a *reset* operation, no other users can use the same screen; that is, only one *reset* is permitted at a time. Also, no other screen operations from that login session are possible.

## reset System Restart

The reset System Restart screen restarts the DEFINITY AUDIX system.

### reset system restart

#### ⇒ NOTE:

The activation commands for this screen can be executed by users with *craft* or higher-level login permissions. This screen can be activated from either the AUDIX state or the OA&M state.

The reset System Restart screen has two pages. The first page displays a warning about the restart.

```

drmf2      Active  Alarms:  A  Thresholds: none          Logins: 2
reset system restart          Page 1 of 1
RESET SYSTEM RESTART

WARNING - Pressing [Enter] now causes the AUDIX system to be restarted.
          The restart cannot be cancelled after [Enter] has been pressed.

          The restart will be performed in a camp-on manner.

          Press [Cancel] to avoid doing the restart.

enter command: reset system restart
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage

```

Press **CANCEL** (F1) while on the first page to exit the screen without performing the reset. Press **ENTER** (F3) while on the first page to confirm the operation, begin an *uncancellable* reset to the AUDIX state, and display the second page.

The reset is done in a camp-on manner; that is, new calls are denied and the restart itself does not begin until all ports and the tape drive are idle. If the reset is initiated from the OA&M state, the camp-on option applies only to the tape-drive status since no ports are active.

#### ⇒ NOTE:

Once **ENTER** (F3) is pressed, the camp-on reset cannot be cancelled and will occur when all ports and the tape drive become idle.

The status line on all screen sessions changes to read "System restart in progress ", and other screen-session users should log off immediately.

In the OA&M state, the second page appears only if the tape drive is active.

```

ax85      Active  Alarms:  A  Thresholds: none          Logins: 1
reset system restart                               Page 1 of 1
                                                    Date: 06/01/94 10:30

                RESET SYSTEM RESTART STATUS

    Remaining voice ports active:
    Remaining networking ports active:
    Tape operation in progress:

    The camp-on restart in progress cannot be cancelled.
    Press [Enter] now to cause an immediate forced restart.
    WARNING: Forcing a reset with active tape operations
              could result in data corruption!

Press [Enter] to execute
enter command: reset system restart
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage
    
```

While the second page appears, the number of active ports (if any) and the tape-drive status are updated at least once every ten seconds. All screen sessions are terminated when the shutdown actually starts. The **CANCEL** key is ineffective in the second page. Pressing the **ENTER** (F3) key while the second page appears causes a *forced* reset; that is, ports are idled and the restart begins immediately.



**NOTE:**

Data corruption could occur if a forced reset is performed while the tape is active.

**Field Descriptions**

Name	Description (display only)
Remaining voice ports active	Number of voice ports that remain active. This field is updated every ten seconds.
Remaining networking ports active	Number of networking ports that remain active. This field is updated every ten seconds.
Tape Operation in Progress?	Indicates whether or not the tape drive is currently active. This field is updated every ten seconds.

## Sample Tasks

---

To execute the **reset system restart** command from the AUDIX state:

1. Type **reset system restart** and press **ENTER** (F3). The first page of the screen appears.
2. Press **ENTER** (F3) to begin an uncancelable restart to the AUDIX state, or press **CANCEL** (F3) to exit the screen without performing the restart.
3. The second page of the screen appears if **ENTER** (F3) was pressed. There are two options:
  - Wait for the restart to complete.
  - Press **ENTER** (F3) to cause a forced restart (ports are idled and the restart begins immediately).

To execute the **reset system restart** command from the OA&M state:

1. Type **reset system restart** and press **ENTER** (F3). The first page of the screen appears.
2. Press **ENTER** (F3) to begin an uncancelable restart to the AUDIX state, or press **CANCEL** (F1) to exit the screen without performing the restart.

## Additional Specifications

---

Once a user has started a *reset* operation, no other users can use the same screen; that is, only one *reset* is permitted at a time. Also, no other screen operations from that login session are possible.

## reset System Shutdown

The reset System Shutdown screen shuts down the DEFINITY AUDIX system. The shutdown state is entered prior to powering down. Call or administration activity is not possible in this state.

### reset system shutdown



#### NOTE:

This screen can be activated from either the AUDIX state or the OA&M state.

The reset System Shutdown screen has two pages. The first page displays a warning about the shutdown.

```

drmf22 Active Alarms: mwa Thresholds: none Logins: 3
reset system shutdown RESET SYSTEM SHUTDOWN Page 1 of 1

WARNING - Pressing [Enter] now causes the system to shut down.
          The shutdown cannot be cancelled after [Enter] has been pressed.

          The shutdown will be performed in a camp-on manner if currently in
          the AUDIX state.

          Press [Cancel] to avoid doing the shutdown.

enter command: reset system shutdown
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

Pressing **CANCEL** (F1) while on the first page exits the screen without performing the reset. Pressing **ENTER** (F3) while on the first page confirms the operation, begins an *uncancellable* shutdown to the AUDIX state, and displays a second page of the screen.

The reset is done in a camp-on manner; that is, new calls are denied and the shutdown itself does not begin until all ports and the tape drive are idle. If the reset is initiated from the OA&M state, the camp-on option applies only to the tape-drive status since no ports are active.



#### NOTE:

Once **ENTER** (F3) is pressed, the camp-on reset cannot be cancelled and will occur when all ports and the tape drive become idle.

The status line on all screen sessions changes to read "System shutdown in progress", and other screen-session users should log off immediately.

In the OA&M state, the second page appears only if the tape drive is active.

```

ax85      Active  Alarms:  A  Thresholds: none          Logins: 1
reset system shutdown                               Page 1 of 1
                                                    Date: 06/01/94 10:30

                RESET SYSTEM SHUTDOWN STATUS

    Remaining voice ports active:
    Remaining networking ports active:
    Tape operation in progress:

    The camp-on shutdown in progress cannot be cancelled.
    Press [Enter] now to cause an immediate forced shutdown.
    WARNING: Forcing a reset with active tape operations
              could result in data corruption!

Press [Enter] to execute
enter_command: reset system shutdown
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage
    
```

While the second page appears, the number of active ports (if any) and the tape-drive status are updated at least once every ten seconds. All screen sessions are terminated when the shutdown actually starts. The **CANCEL** key is ineffective once the second page appears. Pressing the **ENTER** (F3) key while the second page appears causes a *forced* reset; that is, ports are idled and the reboot begins immediately.

**⇒ NOTE:**  
Data corruption could occur if a forced reset is performed while the tape is active.

## Field Descriptions

Name	Description (display only)
Remaining voice ports active	Number of voice ports that remain active. This field is updated every ten seconds.
Remaining networking ports active	Number of networking ports that remain active. This field is updated every ten seconds.
Tape Operation in Progress?	Indicates whether or not the tape drive is currently active. This field is updated every ten seconds.

## Sample Tasks

---

To shut down the DEFINITY AUDIX system from the AUDIX state:

1. Type **reset system shutdown** and press **ENTER** (F3). The first page of the screen appears.
2. Press **ENTER** (F3) to begin an uncancelable shutdown or press **CANCEL** (F1) to exit the screen without performing the shutdown.
3. The second page of the screen appears if **ENTER** (F3) was pressed. There are two options:
  - Wait for the shutdown to complete.
  - Press **ENTER** (F3) to cause a forced shutdown (ports are idled and the shutdown begins immediately).

To shut down the DEFINITY AUDIX system from the OA&M state:

1. Type **reset system shutdown** and press **ENTER** (F3). The first page of the screen appears.
2. Press **ENTER** to begin an uncancelable shutdown or press **CANCEL** to exit the screen without performing the shutdown.

## Additional Specifications

---

Once a user has started a *reset* operation, no other users can use the same screen; that is, only one *reset* is permitted at a time. Also, no other screen operations from that login session are possible.

## display/change System-Parameters Activity-Log

The System-Parameters Activity-Log screen is used to administer the activity log. Administration of the activity log. This includes enabling or disabling the activity-log data collection and the logging of MWI updates, setting the maximum number of activity-log entries, and clearing the activity log.

**display system-parameters activity-log**

**change system-parameters activity-log**

```

drmf2 Active Alarms: A Thresholds: none Logins: 2
display system-parameters activity-log Page 1 of 1

SYSTEM-PARAMETERS ACTIVITY-LOG

Activity Log Enabled? y
Record MWI Updates? y

Maximum Number of Activity Log Entries: 10000

Clear All Entries in Activity Log? n

enter command:
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage
    
```

### Field Descriptions

Name	Description	Valid Entries	Default
Activity Log Enabled	Specifies whether or not activity-log data collection is enabled.	y (activity-log data collection is enabled) n (activity-log data collection is halted)	y
Record MWI Updates	Specifies whether activity log collects Message Waiting Indicator (MWI) updates sent from the DEFINITY AUDIX system to the switch. MWI update records are written to the activity log file only if both the Activity Log feature and recording of MWI updates are enabled.	y (recording of MWI updates is enabled) n (recording of MWI updates is halted)	y

Name	Description	Valid Entries	Default
	<p><b>NOTE:</b> Enabling this feature significantly increases the number of records written to the activity log. It may also cause a small degradation in the DEFINITY AUDIX system performance.</p>		
Maximum Number of Activity Log Entries	Maximum number of records in the activity log file.	1 to 99999	10000
	<p><b>NOTE:</b> If this number is reduced to a number less than the number of records currently in the log, the log will be cleared. In this case the user will be notified and prompted to confirm.</p>		
Clear All Entries in Activity Log	Indicates whether or not the entries in the activity log will be reset.	y (press <u>ENTER</u> ) (F3) to clear the activity log) n (has no effect)	n

## display/change System-Parameters Analog-Network

The System-Parameters Analog-Network screen is used to display and change parameters on the local DEFINITY AUDIX machine for AMIS analog networking.

**display system-parameters analog-network**

**change system-parameters analog-network**



**NOTE:**

This screen can be activated only if the AMIS analog networking feature has been activated on the System-Parameters Customer-Options screen by AT&T personnel.

```

drmf22 Active Alarms: A Thresholds: none Logins: 1
display system-parameters analog-network Page 1 of 1
SYSTEM PARAMETERS ANALOG NETWORK

CALLBACK NUMBERS:

   Country Area/Trunk Local Number
Default - 1: 1 : 303 : 72000
          2: : :
          3: : :
          4: : :
          5: : :

AMIS Analog Networking Incoming Allowed? y
AMIS Analog Networking Outgoing Allowed? y

AMIS Prefix:
AMIS Protocol - Use 8 Minutes For Incoming Message Length 0? y

AMIS Loopback Test Mailbox Extension:

enter command:
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage
    
```

### Field Descriptions

Name	Description	Valid Entries	Default
<b>NOTE:</b>			
Other systems use the three-part CALLBACK NUMBER to contact this machine. Its total length (Country Code, Area/Trunk Code, and Local Number) must be ≤ 15 digits. You can enter up to 5 Callback Numbers.			
Country Code	First part of the 3-part Callback Number. Up to 5 Callback Numbers may be entered.	blank 1- to 4-digit integer 0 (private network no.) 1 (United States)	blank

Name	Description	Valid Entries	Default
Area/Trunk Code	Second part of the 3-part Callback Number.	blank 1- to 7-digit integer	blank
Local Number	Third part of the 3-part Callback Number.	1- to 15-digit integer.	blank
AMIS Analog Networking Incoming Allowed?	Indicates whether or not incoming AMIS analog calls are accepted by AUDIX.	y (AMIS Analog Networking Incoming calls will be accepted by the AUDIX) n (AMIS Analog Networking Incoming calls will not be accepted by the AUDIX)	n
AMIS Analog Networking Outgoing Allowed?	Indicates whether or not outgoing AMIS analog calls can be made by AUDIX. This field can only be set to "y" if a valid Callback Number 1 has been administered. This field must be set to y for Message Delivery to work.	y (AMIS Analog Networking Outgoing calls can be made by AUDIX) n (AMIS Analog Networking Outgoing calls cannot be made by AUDIX).	n.
AMIS Prefix	AMIS prefix number used to translate callback numbers into the same format that a user on AUDIX would enter if the user were doing AMIS analog addressing to that system.  <b>NOTE:</b> It is important that the AMIS prefix and address ranges be administered such that undeliverable messages and loopback- test mailbox messages can be returned.	0- to 5-digit integer	blank
AMIS Protocol - Use 8 Minutes For Incoming Message Length 0?	Indicates whether or not messages of unknown length should be treated as 8 minutes long. If this field is set to n and a message is received that is longer than the remaining space in the recipient's mailbox, the message is rejected during transmission.	y (treat message of unknown length as 8 minutes long) n (do not treat message of unknown length as 8 minutes long).	y
AMIS Loopback Test Mailbox Extension	Mailbox no. for AMIS analog loopback tests. Any msg. delivered to this special mailbox causes the msg. to be returned to the sending mailbox.	0- to 10-digit integer	blank

## display System-Parameters Customer-Options

The System-Parameters Customer-Options screen is used to define system parameters related to AT&T provisioning. This includes switch connection type as well as billable features and resources.

### display system-parameters customer-options



#### NOTE:

There are two commands for this screen. The change version is executed automatically when a user logs in with the *init* login. (This is the only way that the change version can be executed.) The display version can be executed by users with *cust* or higher-level login permission.

```

drmfbl0 Active Alarms: wA Thresholds: none Logins: 1
display system-parameters customer-options Page 1 of 1
SYSTEM-PARAMETERS CUSTOMER-OPTIONS

Port Emulation Type: tn754
Switch Connection Type: embedded
Maximum Number of Voice Ports: 8
AMIS Analog Networking? y
Multilingual? y
Maximum Number of IMAPI Sessions: 32

enter command:
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

### Field Descriptions

Name	Description	Valid Entries	Default
Port Emulation Type	Port-emulation type	tn754 (digital port) tn746 (analog port)	tn754
Switch Connection Type	Switch connection type. This field is field automatically populated when the Switch Connection Type field value is entered.	display-only embedded (digital port emulation) dciu-sci (analog port emulation)	

Name	Description	Valid Entries	Default
Maximum Number of Voice Ports	Number of voice ports provisioned for this DEFINITY AUDIX system. This number limits the number of voice ports that can be administered using <b>change voice-group</b> .	an even integer (2, 4, . . .) in the range 2 - 8 if the port-emulation type is tn754 2 - 16 if the port-emulation type is tn746	2
AMIS Analog Networking	Enables AMIS Analog Networking	y (enabled) n (disabled)	n
Multilingual	Enables Multilingual feature. Enabling deletes multiple personal greetings; disabling deletes secondary language personal greetings.	y (enabled) n (disabled)	n
Maximum Number of IMAPI Sessions	Number of IMAPI sessions allowed (purchased). IMAPI is enabled if this entry is > 0, or disabled if this entry is 0. To enable feature (value between 2 and 32) you must first identify this machine as valid for IMAPI use with <b>change machine</b> .	0 (disabled) even number from 2 through 32 cannot be less than the number of enabled IMAPI sessions on the System-Parameter Imapi-Options screen.	0

## display/change System-Parameters Features

The System-Parameters Features screen administers parameters of the system features.

### display system-parameters features

### change system-parameters features

```

drmf22 Active Alarms: mwA Thresholds: none Logins: 3
display system-parameters features Page 1 of 3
SYSTEM-PARAMETERS FEATURES

LOG-IN PARAMETERS
Login Retries: 3 Consecutive Invalid Attempts: 18
System Guest Password: Minimum Password Length: 0

PASSWORD AGING LIMITS (DAYS)
Password Expiration Interval: 0 (0 for no password aging)
Minimum Age Before Changes: 0
Expiration Warning: 0 (0 for no warning)

INPUT TIME LIMITS (SECONDS)
Normal: 60 Full Mailbox Timeout: 5 Wait (*W): 180
Between Digits at Auto-attendant or Standalone Menu: 3 (3-12)

DISCONNECT OPTIONS
Quick Silence Disconnect? n Silence Limit? 30 (5-30 seconds)
Tone Based Disconnect? n

enter command: display system-parameters features
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage
    
```

```

drmf22 Active Alarms: mwA Thresholds: none Logins: 3
display system-parameters features Page 2 of 3
SYSTEM-PARAMETERS FEATURES

MISCELLANEOUS PARAMETERS
Broadcast Mailbox Extension:
System Prime Time, Start: 08:00 End: 17:00
Weekly Backup Enabled? y
Increment(1/s), Rewind: s Advance: s

FEATURE ACTIVATION
Traffic Collection? y
Name Record by Subscriber? y
Multiple Personal Greetings? y
End of Message Warning? y Warning Time (seconds): 15
Priority on Call Answer? n

CALL TRANSFER OUT OF AUDIX
Transfer Type: none Transfer Restriction: subscribers
Covering Extension:

enter command: display system-parameters features
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage
    
```

```

drmf22 Active Alarms: mWA Thresholds: none Logins: 3
display system-parameters features Page 3 of 3
SYSTEM-PARAMETERS FEATURES

ANNOUNCEMENT SETS
System: us-eng Administrative:

RESCHEDULING INCREMENTS FOR UNSUCCESSFUL MESSAGE DELIVERY
Incr 1: 0 days 0 hrs 5 mins Incr 2: 0 days 0 hrs 15 mins
Incr 3: 0 days 0 hrs 30 mins Incr 4: 0 days 1 hrs 0 mins
Incr 5: 0 days 2 hrs 0 mins Incr 6: 0 days 6 hrs 0 mins
Incr 7: 1 days 0 hrs 0 mins Incr 8: 2 days 0 hrs 0 mins
Incr 9: 7 days 0 hrs 0 mins Incr10: 14 days 0 hrs 0 mins

enter command: display system-parameters features
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

## Field Descriptions

Name	Description	Valid Entries	Default
<b>PAGE 1</b>			
<b>Login Parameters</b>			
Login Retries	Login retries allowed per session.	display-only field	3
Consecutive Invalid Login Attempts	Max. consecutive unsuccessful login attempts allowed before the user is locked out of the system. <b>NOTE:</b> Use the Locked? field on the Subscriber screen to unlock subscriber login IDs.	0 to 999	18
System Guest Password	Password that can be used by non-subscribers to leave messages for subscribers	blank integer from 1 to 15 digits long	blank
Minimum Password Length	Min. no. of characters for a password entered by a subscriber.	0 to 15	0
<b>Password Aging Limits (Days)</b>			
For the following three fields: Password Expiration Interval must be greater than (Minimum Age Before Changes + Expiration Warning).			
Password Expiration Interval	Number of days for which a subscriber's password is considered active. If the field is greater than 0, passwords expire after being in affect for that many days.	0 to 999	0 (turns off Password Aging)

Name	Description	Valid Entries	Default
	<p><b>NOTE:</b>            To expire all users' passwords, enter 0 in Password Expiration Interval and press <b>ENTER</b>, then change back to a value greater than 0 and press <b>ENTER</b>.            To expire a subscriber's password, enter e in the Password field on the Subscriber form when Password Aging is activated.</p>		
Minimum Age Before Changes	Min. number of days which must pass before a subscriber can again change a password. <b>0</b> disables exp. warning, allowing subscribers to change their password as often as they want.	0 to 99	0
Expiration Warning	Days prior to password expiration that the system notifies subscribers of the impending expiration. For example, if this field is set to 3 (three days before their passwords expire) the system warns subscribers that their passwords will expire in three days. <b>0</b> disables expiration warning so that subscribers' passwords will expire without any warning to the subscriber.	0 to 99	0
<b>Input Time Limits (Seconds)</b>			
Normal	Seconds that AUDIX waits for a subscriber to enter a command before voicing a time-out warning.	1 to 99	60
Full Mailbox Timeout	Seconds that the DEFINITY AUDIX system waits for a touch-tone entry from a caller after informing the caller that the called subscriber's mailbox is full.	1 to 9	5
Wait	Seconds that the DEFINITY AUDIX system waits after a subscriber enters the <b>wait</b> command (*W) before voicing a time-out warning.	1 to 999	180
Between Digits at Auto-Attendant or Standalone Menu	Max. seconds between touch tones at an auto-attendant menu. In standalone mode, this is the time limit between touch tones entered at the call answer prompt. For systems with pulse-to-tone converters, to accommodate rotary phones timeout should be set to 5 or 6 seconds. For pulse-to-tone converters timeout should be set to 12 seconds.	3 to 12	3

**Disconnect Options**

The disconnect option applies to international locations, excluding the U. S. and Canada.

Name	Description	Valid Entries	Default
Quick Silence Disconnect	Enables the quick silence disconnect option. If enabled, the system disconnects the call answer call and removes the silence, if it detects a silence interval equal to the silence limit field.	y (enabled) n (disabled)	n
Silence Limit	Seconds that DEFINITY AUDIX system waits for caller input before dropping call answer recordings, if quick silence disconnect is enabled. If the quick silence disconnect is disabled, call answer calls are disconnected at 30 seconds.	5 through 30	15
Tone Based Disconnect	Enables tone based disconnect option. When enabled, the system disconnects the call answer call if it detects a disconnect tone.	y (enabled) n (disabled)	n

**PAGE 2****Miscellaneous Parameters**

Broadcast Mailbox Extension	Extension number of the system broadcast mailbox.	display-only field	
System Prime Time, Start	Starting time for the prime-time traffic collection and multiple personal greetings. (Normally the time your company opens for business.)	hh:mm format	8:00
System Prime Time, End	Ending time for the prime-time traffic collection and multiple personal greetings. (Normally the time your company closes.)	hh:mm format	17:00
Weekly Backup Enabled	Enables weekly filesystem backups	y (run weekly backups) n (do not run weekly backups)	y
Increment, Rewind	Amount of time a message is rewound if the user presses 5 (rewind) during message playback	s (4-second rewind) l (10-second rewind)	s
Increment, Advance	Amount of time a message is advanced if the user presses 6 during message playback	s (4-sec. advance) l (10-sec. advance)	s

**Feature Activation**

Traffic Collection	Enables traffic data collection	y (enable) n (disable)	n
Name Record by Subscriber	Enables subscribers to record their own names.	y (enable) n (disable)	y

## Screen Descriptions

Name	Description	Valid Entries	Default
Multiple Personal Greeting	Enables multiple personal greeting feature	y (enable) n (disable)	y
End of Message Warning	Enables End of Message Warning feature	y (enable) n (disable)	y
Warning Time (seconds)	Seconds, prior to the end of the allotted message recording time, at which the End of Message Warning prompt is played.	blank (valid only if the feature is not active) 0 warning is not played 15 to 60	15
Priority on Call Answer	Enables Priority on Call Answer feature, allowing callers to leave a message which is then marked priority.	y (enable) n (disable)	n
<b>Call Transfer Out of AUDIX</b>			
Transfer Type	<p>Activates Call Transfer Out Of AUDIX feature.</p> <p>none (deactivates feature)            basic (for DP mode only, to activate Basic Call Transfer)            enhanced_no_cover_0 (treats the call as a <i>redirected</i> call, with no call-coverage or call-forwarding)            enhanced_cover_0 (treats the call as a <i>directed</i> call, with call-coverage and call-forwarding as defined for the destination extension)</p> <p><b>NOTE:</b>            Only System 75 R1V3 and DEFINITY G1 and G3 switches using a DCIU-SCI switch-link (DEFINITY AUDIX in CL mode) support enhanced call transfers. The transfer is invoked via a message from the AUDIX system to the switch on the control link</p>		none
Transfer Restriction	<p>Specifies the restriction placed on the destination address for calls that are to be transferred out of the DEFINITY AUDIX system using *T with numeric addressing. Calls are transferred only if the destination address satisfies the specified restriction criteria.</p> <p>digits (destination address must contain the same number of digits as voice mail extensions)            subscribers (addressee must be an administered subscribe)</p>		subscribers
Covering Extension	<p>Default extension to which a call is transferred when the caller presses 0 or *0 to transfer out of the AUDIX system.</p> <p><b>NOTE:</b>            The extension of the Message Center agent or system operator should be entered in this field. If the Transfer Type field is <i>basic</i> or <i>enhanced</i> and this field is left blank, a warning appears on the screen. You may ignore the warning if no default covering extension is desired.</p>	blank 3- to 10-digit extension number.	blank

Name	Description	Valid Entries	Default
<b>PAGE 3</b>			
<b>Announcement Sets</b>			
Use <b>list annc-sets</b> to see valid entries for the following two fields.			
System	Annnc. set used for system prompts when: 1) Multilingual feature is disabled 2) AMIS network call is made 3) call is answered after being transferred from AUDIX TRANSFER port 4) a default annnc. set is required for errors 5) a default annnc. set is required to fill in for unadministered subscriber annnc. set data. All annncs. (not including subscriber names) are played from this annnc. set.	valid annnc-set name of up to 14 alphanumeric characters	annnc. set specified at install- ation
Administrative	Announcement set used when modifying announcement fragments and compositions.	valid annnc-set name of up to 14 alphanumeric characters	blank
<b>NOTE:</b> This field should normally be blank when not customizing announcements. This announcement set can be the same as the System announcement set but, if so, any changes made will affect the announcements heard by users.			
Rescheduling Increments	Time intervals (in minutes, hours, and days) between attempts to resend a message after an unsuccessful delivery attempt. When the system has used the last increment specified, it marks the message as "non-deliverable." For changes to take affect, Subscriber Data Audit or Restart is required.	Days: 1 - 99 Hours: 1 - 23 Minutes: 1 - 59	Days: 1, 2, 7, 14 Hours: 1, 2, 6 Minutes: 5, 15, 30

## display/change System-Parameters IMAPI-Options

The System-Parameters IMAPI-Options screen is used to maintain parameters necessary for enabling Intuity Message Manager. This screen is only available if you have enabled IMAPI using the System-Parameters Customer-Options screen.

**NOTE:**

This screen can only be viewed if the IMAPI feature is turned on via the System-Parameters Customer-Options screen.

**display system-parameters IMAPI-options**

**change system-parameters IMAPI-options**

```
ax85      Active Alarms: A Thresholds: none      Logins: 1
display system-parameters imapi-options      Page 1 of 1

          SYSTEM-PARAMETERS IMAPI-OPTIONS

Maximum Number of ENABLED IMAPI Sessions: 32
          Enable Check New Messages: y
          Enable Deliver CA Message: y
          Enable Voice File Transfer: y
          IMAPI Session Timeout: 5
          LAN IP Address: 135.9.180.140
          LAN Subnet Mask: 255.255.255.0
          Default LAN Gateway IP Address: 135.9.180.254

enter command:
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage
```

## Field Description

Name	Description	Valid Entries	Defaults
Maximum Number of Enabled IMAPI Sessions	Number of IMAPI Sessions enabled in the Maximum Number of IMAPI sessions field on the System-Parameters Customer-Options screen). This is the max. no. of subscribers that can be logged into the IMAPI server at the same time.	integer between 0 and number of purchased IMAPI sessions	0 (no IMAPI sessions enabled)
Enable Check New Messages	Enables message checking, which allows client application to call public function <code>check_new_messages</code> .	y (can check for new msgs. without logging into AUDIX server) n (must log into AUDIX server to check for new messages.)	n
Enable Deliver CA Message	Enables call answer message delivery, which allows an IMAPI client to send voice mail msgs. across the LAN to an AUDIX mailbox as a call answer msg.	y (enabled) n (can only send messages by first logging in and creating a message)	n
Enable Voice File Transfer	Enables Voice File Transfer feature, allowing transfer of voice files across the LAN between the AUDIX server and a client.	y (enabled) n (disabled)	n
IMAPI Session Timeout	If the client does not access the AUDIX server within this many minutes, the subscriber is timed out of IMAPI and automatically logged out of the AUDIX mailbox (but remains connected to the AUDIX server).	5 to 60 minutes (in 5 minute increments)	

### NOTE:

If one of these three fields is changed, you must perform a system reboot, for the change to take effect.

LAN IP Address	The LAN address of this AUDIX system. This is obtained from the LAN administrator.	<i>nnn.nnn.nnn.nnn</i> where <i>nnn</i> is a number from 1 to 126 or from 128 to 254. (You must enter ".")
LAN Subnet Mask	Sets AUDIX IP Subnet Mask. This is obtained from the LAN administrator.	<i>nnn.nnn.nnn.nnn</i> where <i>nnn</i> is a number between 0 to 255. (You must enter ".")
Default LAN Gateway IP Address	Sets Default LAN Gateway IP Address. This is obtained from the LAN administrator.	<i>nnn.nnn.nnn.nnn</i> where <i>nnn</i> is a number from 1 to 126 or from 128 to 254. (You must enter ".")

## display/change System-Parameters Limits

The System-Parameters Limits screen is used to administer limits on space allocation for messages, subscribers, and administration lists and logs.

**display system-parameters limits**

**change system-parameters limits**

```

drmf2      Active Alarms:  A Thresholds: none           Logins:1
display system-parameters limits                      Page 1 of 1
SYSTEM-PARAMETERS LIMITS

MESSAGE LIMITS
Message Lengths, Maximum (seconds): 1200  Minimum (tenths of seconds): 10
Messages, Total In All Mailboxes: 50000    Awaiting Delivery: 5000

ADMINISTRATION LIMITS
Subscribers, Local: 1000    Administered Remote: 1000
Lists, Total Entries: 50000    Lists/Subscriber: 100  Recipients/List: 250

LOG LIMITS
Admin Log Entries: 1000

enter command:
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage
    
```

## Field Descriptions

Name	Description	Valid Entries	Default
Message Lengths, Maximum	Length, in seconds, of the longest message that can be created by any subscriber. Maximum message lengths for individual subscribers can be further restricted on the class of service and subscriber screens.	16 to 1200	1200
Message Lengths, Minimum	Length, in tenths of a second, of the shortest message that the DEFINITY AUDIX system recognizes as a message.	0 to 99	10 tenths
Messages, Total in All Mailboxes	Maximum number of messages expected in all subscribers' mailboxes at any one time.	0 to 999999	50000

---

Name	Description	Valid Entries	Default
Messages, Awaiting Delivery	Maximum number of messages expected in the system delivery queue. The recommended value is 10% of the value in the Messages, Total in All Mailboxes field.	0 to 999999.	5000
Subscribers, Local	Maximum number of local subscribers that can be administered on this DEFINITY AUDIX system.	1 to 100000	1000
Subscribers, Administered Remote	Maximum number of remote administered subscribers that this DEFINITY AUDIX system can accommodate.	0 to 50000000	1000
Lists, Total Entries	Total number of entries allowed in all subscribers' lists.	0 to 999999	50000
Lists/Subscribers	Maximum number of lists allowed per subscribers.	0 to 999	100
Recipients/List	Maximum number of entries (recipients) allowed per subscriber list.	0 to 250	250
Administration Log Entries	Maximum number of administration log entries. When the maximum is reached, the oldest entries are removed to make room for the newest.	1 to 2000	1000

## display/change System-Parameters Link-Log (CL Mode)

The System-Parameters Link-Log screen is used to administer the link log, including enabling or disabling the link-log data collection, enabling or disabling the logging of MWI updates, setting the maximum number of link-log entries, and clearing the link log.

**display system-parameters link-log**

**change system-parameters link-log**



**NOTE:**

The activation commands for this screen can be executed by users with *craft* or higher-level login permissions.

```

drmf2 Active Alarms: A Thresholds: none Logins: 1
display system-parameters link-log Page 1 of 1

SYSTEM-PARAMETERS LINK LOG

Link Log Enabled? n
Maximum Number of Link Log Entries: 5000
Clear All Entries in Link Log? n

enter command:
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

### Field Descriptions

Name	Description	Valid Entries	Default
Link Log Enabled?	Enables link log data collection. If enabled, records are written to the log. If disabled, records are not written to the log.	y (link log data collection is enabled) n (link log data collection is halted)	n
Maximum Number of Link Log Entries	Specifies the maximum number of records in the link-log file.	1 to 5000	5000

---

Name	Description	Valid Entries	Default
<p> <b>WARNING:</b> <i>Reducing the maximum number of entries will cause the link log to be cleared.</i></p>			
Clear All Entries in Link Log?	Specifies whether the entries in the link log will be reset.	y (pressing <u>ENTER</u> ) (F3) clears the link log) n (has no effect)	n

## display/change System-Parameters Maintenance

The System-Parameters Maintenance screen is used to define system parameters related to installation and maintenance, including system serial number, name, location, alarm reporting telephone number, and other maintenance features.

### display system-parameters maintenance

### change system-parameters maintenance

You cannot make changes using this screen while an alarm call is in progress.



#### NOTE:

The **change system-parameters maintenance** command can be executed by users with *craft* or higher-level login permissions. This screen can be activated while the DEFINITY AUDIX system is in the OA&M state.

The System-Parameters Maintenance screen has three pages.

```

drmf2      Active   Alarms:   A Thresholds: none           Logins: 1
display system-parameters maintenance           Page 1 of 3
SYSTEM-PARAMETERS MAINTENANCE

Product Identification Number:
Machine Network Name: drmf2
System Location:

Manual Trouble Reporting Number: 1-800-56-AUDIX
Automatic Alarm Reporting Telephone Number:

Alarm Origination Remote Access Port To Use:   tip/ring
Alarm Origination Remote Access Port Baud Rate: 1200

System Notes:

enter command: display system-parameters maintenance
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

```

drmf22 Active Alarms: A Thresholds: none Logins: 1
display system-parameters maintenance Page 2 of 3
SYSTEM-PARAMETERS MAINTENANCE

Alarm Origination Active? n
All Alarms Resolved Notification? n

ALARM ACTION:
                Major Minor
                System: call call
Power & Environment: call call
                SCSI Devices: call call
                Filesystems: call call
                Switch Link: call call
                Voice Ports: call call
                Networking: call call
                Maintenance: call call

Close Contacts on Alarm Origination Failure? y y

enter command: display system-parameters maintenance
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

```

drmf22 Active Alarms: A Thresholds: none Logins: 1
display system-parameters maintenance Page 3 of 3
SYSTEM-PARAMETERS MAINTENANCE

Maximum Number of Event Log Entries: 10000

enter command: display system-parameters maintenance
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

## Field Descriptions

Name	Description	Valid Entries	Default
<b>PAGE 1</b>			
Product Identification Number	Number by which this DEFINITY AUDIX system is known to the Operational Support System (OSS). This field is required if an entry is made in the Automatic Alarm Reporting Telephone Number field on this screen.	blank 10-digit integer beginning with the digit 2	blank
Machine Network Name	Descriptive name for the DEFINITY AUDIX system, defined on the Machine screen.	name of up to 8 alphanumeric characters	audix display-only
System Location	Descriptive location name for the DEFINITY AUDIX system.	name of up to 30 alphanumeric characters	blank
Manual Trouble Reporting Number	Telephone number to manually report DEFINITY AUDIX troubles (normally the AUDIX help line). Defaults to 1-800-56AUDIX, if calling from within the USA	number of up to 30 digits (and/or letters)	
Automatic Alarm Reporting Telephone Number	Modem command string for automatic alarm referral calls generated by this DEFINITY AUDIX system. Multiple commas (,) may be used for a greater delay time. If dialing from the internal tip/ring modem port, ATDT must be the first characters in the dial string. If using an MPDM, B must be the first character in the dial string. For example, to dial 9, pause, and dial a number on the tip/ring port, enter <b>ATDT9,1234567</b> .	1- to 65-alphanumeric-character complete modem command string (including a command prefix such as ATDT, if required) , (Pause, tip/ring default pause = 2 seconds) B (send a <i>break</i> to an MPDM) AT (command the internal tip/ring modem port) DT (dial on the internal tip/ring modem port)	blank
Alarm Origination Remote Access Port To Use	Remote-access port to use for alarm origination.	tip/ring (tip/ring port) rs232 (external modem)	tip/ring
Alarm Origination Remote Access Port Baud Rate	Baud rate used when originating an outgoing alarm call.	1200, 2400, 4800, and 9600. Only the 1200 and 2400 baud rates are valid for the tip/ring port	1200

Name	Description	Valid Entries	Default
System NOTE:s	Used to enter NOTE:s about this system, such as installation dates, upgrade specifications and dates, hardware replacement records.	up to four 80-character lines of alphanumeric character	blank
<b>PAGE 2</b>			
Alarm Origination Active?	Specifies whether or not Alarm Origination is active on this DEFINITY AUDIX system. Alarm Origination allows AUDIX to call an Operation Support System (OSS) when a major or minor alarm occurs. When this field is set to n, no Alarms Resolved notification is sent by the DEFINITY AUDIX system, and no alarm calls are not sent for alarms occurring.	y (activate alarm origination) n (deactivate alarm origination)	n
Alarm Action	Alarm action for major & minor alarms for each alarm category.relay, call, both, or none for each alarm type (major or minor) for each alarm category. If Alarm Origination is not active then the <b>both</b> and <b>call</b> are affected as follows. If <b>both</b> was specified, the DEFINITY AUDIX system operates only the relay contact closure. If <b>call</b> was specified and if the failure mode in the Close Contacts on Alarm Origination Failure field indicates that the contact closure should be operated, this occurs within 5 minutes. Otherwise nothing is done.	mandatory input fields relay (operate only the contact closure relay) call (place only an alarm-origination call) both (perform both actions) none (perform neither action)	call
	<b>NOTE:</b> Alarm origination cannot be activated unless the Product ID Number and Automatic Alarm Reporting Telephone Number fields are filled-in.		
All Alarms Resolved Notification?	Specifies whether All Alarms Resolved Notification is enabled on this DEFINITY AUDIX system. If enabled, after all acknowledged major and minor alarms are resolved, the DEFINITY AUDIX system sends an all-clear message to the Operations Support System (OSS). This field is not effective if Alarm Origination is not active.	y (enable all alarms resolved notification) n (disable all alarms resolved notification)	n

## Screen Descriptions

---

<b>Name</b>	<b>Description</b>	<b>Valid Entries</b>	<b>Default</b>
Close Contacts on Alarm Origination Failure?	Specifies whether to operate relay-contact closures when alarm origination fails for major/minor alarms with call specified.	y (operate relay-contact closures) n (do not operate relay-contact closures).	y for both major and minor alarms.
<b>PAGE 3</b>			
Maximum Number of Event Log Entries	Maximum number of entries in the event log.	1 to 30000	10000

## display/change System-Parameters Outcalling

The System-Parameters Outcalling screen is used to administer the system-related outcalling parameters. Outcalling alerts subscribers when new messages are received, by placing a call to a number specified by the subscriber. The outcalling parameters also affect the AMIS Analog Networking and Message Delivery features. This feature uses voice-port resources.

**display system-parameters outcalling**

**change system-parameters outcalling**

```

drmf22 Active Alarms: A Thresholds: none Logins: 2
display system-parameters outcalling Page 1 of 1
SYSTEM-PARAMETERS OUTCALLING

Outcalling Active? y

Start Time End Time Interval Maximum Simultaneous
(hh:mm) (hh:mm) (hh:mm) Ports
1: 00:00 23:59 00:15 1
2: : : :
3: : : :

Initial Delay (mins): 0
Maximum Number Digits: 29

enter command:
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

### Field Descriptions

Name	Description	Valid Entries	Default
Outcalling Active?	Enables outcalling on a systemwide basis.	y (enabled) n (disabled)	n
You may specify up to three time periods. Time periods cannot overlap and the sum of their durations must < 24 hours.			
Start Time	Beginning outcalling period.	hh:mm format.	00:00
End Time	End time of outcalling period.	hh:mm format	23:59

## Screen Descriptions

---

<b>Name</b>	<b>Description</b>	<b>Valid Entries</b>	<b>Default</b>
Interval	Time interval between outcalling attempts within specified outcalling period.	hh:mm format	00:15 (15 min)
Maximum Simultaneous Ports	Max. voice ports that can be used simultaneously for outcalling during this time period. (AMIS Analog Networking and Message Delivery calls are included in this maximum.)	1 to the maximum number of provisioned ports (as specified on the System-Parameters Customer-Options screen) on your system	1
Initial Delay	Minutes after the delivery of a message before an outcall can occur.	0 to 60	0
Maximum Number Digits	Max. digits subscriber can specify for outcalling, including the characters # and *.	3 to 60	29

## change System-Parameters Password

The System Password screen is used to change the system password.

### **change system-parameters password**

```

drmf2      Active  Alarms:  A  Thresholds: none          Logins: 2
change system-parameters password          Page 1 of 1
          SYSTEM PASSWORD

Customer Login Password:
      Old System Password:
          New System Password:
Confirm New System Password:

enter command: change system-parameters password
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage

```

### Field Descriptions

Name	Description	Valid Entries
Customer Login Password	Provides security by requiring the user to enter the password for the current customer login ID before the system password can be changed. Entries in this field are not echoed to the terminal.	required input field
Old System Password	Current system password. Entries in this field are not echoed to the terminal.	
New System Password	New system password. Entries in this field are not echoed to the terminal.	3 to 10 alphanumeric characters
Confirm New System Password	The new system password is entered in this field and must exactly match the value entered in the New System Password field. Entries in this field are not echoed to the terminal.	1 to 30000

## display/change System-Parameters Sending-Restrictions

The System-Parameters Sending-Restrictions screen activates the sending-restrictions feature or specify a matrix of sending-restriction communities.

**display system-parameters sending-restrictions**

**change system-parameters sending-restrictions**

```

drmf2      Active  Alarms:  A Thresholds: none      Logins: 2
change system-parameters sending-restrictions      Page 1 of 1
SENDING RESTRICTIONS
Activate Restrictions? n
Sender      Recipient Community
Community  1  2  3  4  5  6  7  8  9  10 11 12 13 14 15
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
enter command: change system-parameters sending-restrictions
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage
    
```

### Field Descriptions

Name	Description	Valid Entries
Activate Restrictions?	Specifies whether the Sending Restriction feature is active. When you activate or deactivate Sending Restrictions you must restart the DEFINITY AUDIX system.	y (activate the sending restrictions feature) n (deactivate the sending restrictions feature).
Sender/Recipient Community	These fields are used to define sending restrictions between communities of subscribers.	blank (no restrictions between the corresponding two communities.) r (restricts the corresponding sender community (row) from sending voice mail to members of the corresponding recipient community (column)). Any character other than r is interpreted as r.

## display/change System-Parameters Thresholds

The System-Parameters Thresholds screen is used to administer the subscriber and system message-space thresholds.

**display system-parameters thresholds**

**change system-parameters thresholds**

```

drmf2      Active   Alarms: mwa  Thresholds: none      Logins: 3
display system-parameters thresholds      Page 1 of 1
SYSTEM-PARAMETERS THRESHOLDS

SUBSCRIBER MESSAGE SPACE WARNING
  Lower: 50 %      Upper: 80 %

SYSTEM STORAGE SPACE
  Lower: 75 %      Middle: 85 %      Upper: 95 %
  System Storage Space Threshold Exceeded: none

FILESYSTEM SPACE THRESHOLDS EXCEEDED
  Master Data? n
  System Data? n
  System Storage? n

enter command:
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

### Field Descriptions

Name	Description	Valid Entries	Default
<b>SUBSCRIBER MESSAGE SPACE WARNING</b>			
The threshold value is interpreted as a percent of the subscriber's mailbox space. When this threshold is reached, a warning message is issued to the subscriber upon login to the DEFINITY AUDIX system.			
Lower	Lower message-space threshold for a subscriber's mailbox.	0 to 100 Recommended: 50% for small (< 9 minutes) mailboxes and 80% for larger mailboxes.	50
Upper	Upper message-space threshold for a subscriber's mailbox.	0 to 100 Recommended: 80% for small (< 9 minutes) mailboxes and 95% for larger mailboxes.	80

Name	Description	Valid Entries	Default
<b>SYSTEM STORAGE SPACE</b>			
<b>NOTE:</b> The threshold value is interpreted as a percent of total system message space. When this threshold is reached, a warning message ( <i>lower, middle, or upper</i> ) appears on the DEFINITY AUDIX status line.			
Lower	Lower message-space threshold for the system (the space available in the voice-text filesystem).	0 to 100	75
Middle	Middle message-space threshold for the system (the space available in the voice-text filesystem).	0 to 100	85
Upper	Upper message-space threshold for the system (the space available in the voice-text filesystem).	0 to 100	95
Thresholds Exceeded	Indicates which system message-space threshold was exceeded: lower, middle, upper, or none.	display-only field	
Master Data?	Indicates whether or not the master filesystem space threshold (85%) has been exceeded.	display-only field y (threshold exceeded) n (threshold not exceeded)	
System Data?.	Indicates whether or not the system filesystem space threshold (85%) has been exceeded. This filesystem contains mailboxes, message headers, and subscriber profiles.	display-only field y (threshold exceeded) n (threshold not exceeded)	
System Storage?	Indicates whether or not the filesystem space threshold (85%) has been exceeded for the Storage Filesystem. The storage filesystem contains all recorded speech including names, personal greetings, messages, and system announcements.	display-only field y (threshold exceeded) n (threshold not exceeded)	

## display/change/add/remove Tape

The Tape screen is used to install and remove a tape cartridge, and to specify and display cartridge label information.

### display tape

### change tape

### add tape

### remove tape



#### NOTE:

This screen can be activated while the DEFINITY AUDIX system is in the OA&M state.

```

ax85      Active  Alarms:  A  Thresholds: none          Logins: 1
display tape                                     Page 1 of 1
                                     TAPE

Tape Drive Location: 03C0801
      Volume Type: backup
      Volume Name: ax85backups050294
Software Release: Release 3.1, Issue 1
      Machine Name: ax85
      Creation Date: 05/02/94
      Status of most recent "add tape" operation: completed

enter command:
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage

```

## Field Descriptions

Name	Description (display only)
Tape Drive Location	Location of the tape drive in a 7-character string that indicates port-network, carrier, slot, and SCSI ID. For example, 01a0201 indicates port-network=01, carrier=a, slot=02, and SCSI ID=01. This field is populated with the default location of the tape drive on the master MFB.

**NOTE:** The following tape information is read from the volume label, or backup if there is no label.

Name	Description (display only)
Volume Type	Purpose of the tape, such as backup used for a backup of DEFINITY AUDIX data) or generic (contains DEFINITY AUDIX software provided by AT&T).
Volume Name	Name for this tape. Defaults to currently mounted tape. <b>NOTE:</b> The tape is erased when the volume name is changed.
Software Release	Identifies the Release, Version, and Issue numbers of the DEFINITY AUDIX software running at the time the tape was created.
Machine Name	Name of the machine on which this tape was created.
Creation Date	Date on which the tape was created.
Status of most recent "add tape" operation	Status of the most recent use of the add-tape operation.

### Sample Tasks

---

To display the tape label and volume type:

1. Type **display tape** and press **ENTER** (F3).

To load a tape cartridge:

1. Type **add tape** and press **ENTER** (F3).
2. If there is no Volume Name for this tape, or if you wish to change the existing Volume Name, type the name for this tape in the Volume Name field. *NOTE: that this operation will erase the tape.*
3. Press **ENTER** (F3) to invoke the screen operation.
4. When prompted, press **ENTER** (F3) to confirm erasure of the tape or **CANCEL** (F1) to cancel the add-tape operation.

To remove a tape cartridge:

1. Type **remove tape** and press **ENTER** (F3).
2. Press **ENTER** (F3) to invoke the screen operation.

To change tape parameters:

1. Type **change tape** and press **ENTER** (F3).
2. Type the new volume label in the Volume Name field. *This erases the tape.*
3. Press **ENTER** (F3) to invoke the screen operation or **CANCEL** (F1) to exit the screen without changing the Volume Name.

### **Additional Specifications**

This screen takes approximately 15 seconds to appear after the command is issued. The add operation runs in the background. You can call up the screen at any time to check the status of the background operation.

## status Tape

The status Tape screen displays the status of the specified tape drive and cartridge.

### status tape



**NOTE:**

This screen can be activated while the DEFINITY AUDIX system is in the OA&M state.

```

drnfb2      Active   Alarms:   A Thresholds: none           Logins: 2
status tape                                     Page 1 of 1
                                     STATUS TAPE

Tape Drive Location: 01A0201
                  Status: Out-of-Service--F

DRIVE:
    Equipped? y
    Vendor: TEAC
    Model: MT-2ST/N50
    Revision: RV F

CARTRIDGE:
    Equipped? n
    Administered? n
    Write Enabled?
    Capacity(Mbytes):

Status Command Complete
enter command:
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage
    
```

## Field Descriptions

Name	Description (display only)
Tape Drive Location	Location of the tape drive in a 7-character string that indicates port-network, carrier, slot, and SCSI ID. For example, 01a0201 indicates port-network=01, carrier=a, slot=02, and SCSI ID=01. This field is populated with the default location of the tape drive on the master MFB.
Status	Status of the tape drive. In service, idle (Drive is in service/ available for use.) In service, busy (Drive is in service for normal operation.This is the status when the backup/ restore operation is in progress.)

Name	Description (display only)
	<p>In service, pending            (Drive is in service pending completion of administration. This is the status when an add tape operation is in progress.)</p> <p>Out-of-Service--F            (Drive is faulted--not operable--as determined by maintenance.)</p> <p>Out-of-Service--D            (Drive is operable, but has not been added via the add tape command.)</p> <p>Out-of-Service--T            (Drive is currently being tested. This is the status when a tape test is in progress.)</p> <p>Unequipped            (No tape drive is installed at the specified location.)</p> <p>Not a tape device            (A device other than a tape drive, for example, a disk drive, is installed at the specified location)</p>
Drive, Equipped?	Indicates whether or not a tape drive is equipped (present) at the specified location.
Drive, Vendor	Vendor name for the specified tape drive.
Drive, Model	Model id for the specified tape drive.
Drive, Revision	Tape revision identification for the specified tape drive. display-only field
Cartridge, Equipped?	Indicates whether or not a tape cartridge is equipped (present) at the specified location.
Cartridge, Administered?	Indicates whether a tape drive was administered via the add tape screen.
Cartridge, Write Enabled?	indicates whether or not writing to the tape is enabled.
Cartridge, Capacity	Capacity of the tape in millions of bytes.

## test Tape

The test Tape screen initiates a demand tape test and displays the test results.

### test tape

Runs a short test, which rewinds the tape, reads a single block at the beginning of the tape, then skips to the end of the data on the tape.

### test tape long

Runs a long test which rewinds the tape, writes a scratch file to the tape, rewinds the tape again, reads the data written to the tape, and compares the data read from the tape with the original data. This test also resets the tape cleaning-interval counter.



#### NOTE:

You cannot run an audit at the same time as a tape test, and you cannot run two audits at the same time.

```

drmf2      Active   Alarms:   A Thresholds: none           Logins: 1
test tape                                     Page 1 of 1
                                TAPE TEST RESULTS           Date: 03/25/94 08:29

Resource   Loc.    Test Name           Most Recent           Test Counters:
TAPE       01A0201 Test Tape Short     Test Result           Pass Fail Abort
                                                0    0    0

Press [Enter] to execute
enter command: test tape
1Cancel  2Refresh 3Enter  4ClearFld 5Help  6Choices 7NextPage 8PrevPage
    
```

## Field Descriptions

Name	Description (display only)
Date	Date that the test was requested.
Time	Time that the test was requested.

Name	Description (display only)
Resource	Type of resource being tested. On this screen, the resource type is always SCSI_TD.
Location	Location of the tape drive in a 7-character string that indicates port-network, carrier, slot, and SCSI ID. For example, 01a0201 indicates port-network=01, carrier=a, slot=02, and SCSI ID=01. This field is populated with the default location of the tape drive on the master MFB.
Test Name	Name of test requested on the command line. Possible values are Test Tape Short (this is the default if the name was not specified on the command line), Test Tape Long, or Test Tape Clean.
Most Recent Test Result	Result of the most recently run test. The second part of the field is a 20 characters of text of additional test result information. The first part of the field is a 1-character code: blank (test not executed) R (test is running) P (last test passed) F (last test failed) A (last test aborted)

#### Test Counters

Pass	Number of times the test has passed since the test command was executed.
Fail	Number of times the test has failed since the test command was executed.
Abort	Number of times the test has aborted since the test command was executed.

#### Sample Tasks

To initiate a demand tape test:

1. Type **test tape** or **test tape long** or **test tape clean** and press **ENTER** (F3).  
(See the *Commands* section above for a description of **long**, **clean**, and **short**.)
2. Press **ENTER** (F3) to start the test, or **CANCEL** (F1) to return to the command line without executing the tests.

While the test is running, you have three options:

1. Press **CANCEL** (F1) to abort the test and return to the command line.
2. Wait for the test to complete.
3. Press **ENTER** (F3) to put the test in the background and return to the command line.

Type **status test** to reconnect to the screen of a test running in background, or to display the results of the most recently completed test.

## **status Test**

---

The status Test screen reconnects with a running test, or with the results of the most recently run test.

### **status test**

This command reconnects with the screen of the test running in the background, or if none, the most recently run test. If none, the command causes an error to be displayed (this should occur only when the **status test** command is entered before any tests have been run on the system).

The **status test** command displays the screen of the running test, or the screen of the most recently run test.

## **Field Descriptions**

---

This is a display-only screen. There are no data-entry fields.

## **Sample Tasks**

---

To display status test:

1. Type **status test** and press **ENTER** (F3). The screen of the currently running test, or of the most recently run test, appears.

If a test is still running, you have three options:

1. Press **CANCEL** (F1) to abort the test.
2. Wait for the tests to complete.
3. Press **ENTER** (F3) to return the test to the background.

## **Additional Specifications**

---

If the **status test** command is issued while a test is running, reconnection with the test screen is done after completion of the current test step. Therefore it could take up to two minutes to reconnect to the test screen.

## set/display Time

The Date and Time screen is used to set or display the current DEFINITY AUDIX date and time or to request a manual time synchronization with the switch.

### set time

### display time



#### NOTE:

This screen can be activated while the DEFINITY AUDIX system is in the OA&M state.

```

drmf2 Active Alarms: A Thresholds: none Logins: 1
display time Page 1 of 1
DATE AND TIME

Synchronize to Switch? n
Month: March Day of the Month: 25
Year: 1994
Time: 08:30

Synchronize to Switch Result:

enter command:
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

## Field Descriptions

Name	Description	Valid Entries
Date	Date that the test was requested.	display-only field
Synchronize to Switch?	Synchronizes the DEFINITY AUDIX time with the switch time (queries the switch for the current time and sets the DEFINITY AUDIX time to the current switch time.) This feature is not available in the OA&M state.	n (do not synchronize) y (synchronize)

The date and time fields default to current date and time, based on system time.

## Screen Descriptions

---

Name	Description	Valid Entries
Month	Sets the month for the current date. An entry is mandatory if the Synchronize to Switch entry is n.	month name (January to December)
Day of the Month	Sets the day of the month for the current date. An entry is mandatory if the Synchronize to Switch entry is n.	1 to 31
Year	Sets the year for the current date. An entry is mandatory if the Synchronize to Switch entry is n.	4-digit integers between 1990 and 2030
Hour	Sets the hour for the current date. An entry is mandatory if the Synchronize to Switch entry is n.	0 to 23
Minute	Sets the minutes for the current date. An entry is mandatory if the Synchronize to Switch entry is n.	0 to 59
Synchronize to Switch Result	Results of the Synchronize to Switch operation. To synchronize with the switch, enter <b>y</b> in the Synchronize to Switch field and pressing <b>(ENTER)</b> (F3). If the DEFINITY AUDIX machine was successfully synchronized with the switch, the date and time fields are updated and this field displays successful; otherwise, an error code displays:  All Ports are busy  Unknown Failure  Invalid Switch year  Failed  CNV_SW_TIM_FAIL  TIM_DIF_OUT_BNDS  Invalid MP name	display-only field  A port is needed to synchronize with the switch. All the ports are busy handling calls or have been busied out on the switch.  Internal software error.  The AUDIX date starts at 1990. The switch date is less than 1990  An error was generated when getting the time from the switch.  The switch time is invalid.  The switch time and AUDIX time are out of required bounds. (This should not show up for synchronize to switch time at all!!)  Internal software error

## Sample Tasks

To synchronize the DEFINITY AUDIX time with the switch time:

1. Type **set time** and press **ENTER** (F3).
2. Type **y** in the Synchronize to Switch? field, and press **ENTER** (F3) to invoke the operation.

To set the current Year, Month, Day, Hour, or Minute:

1. Type **set time** and press **ENTER** (F3).
2. Move the cursor to the date/time field (Year, Month, Day, Hour, or Minute) that you want to change and type the desired value.
3. Press **ENTER** (F3) to invoke the screen operation.

## Additional Specifications

The relation between the Password Aging feature and the system date/time requires the following:

If you enable the Password Aging feature (which automatically expires all passwords with a modification date/time prior to enabling date/time) and then set the system date/time to the *previous* day, you must run the subscriber-data audit.

## save Voice

The save Voice screen is used to perform a manual backup of the voice filesystem.

### save voice

*Appends* the backup to the end of the existing backups on the tape.

### save voice rewind

*Rewinds* the tape before the backup begins. *This operation erases the tape.*



#### NOTE:

The activation commands for this screen can be executed by users with *craft* or higher-level login permissions. This screen can be activated while the DEFINITY AUDIX system is in the OA&M state.

```

ax85      Active   Alarms:  A Thresholds: none           Logins: 1
save voice                               Page 1 of 1
                                     SAVE VOICE

Status of most recent "save voice" backup: not run

Press [ENTER] to execute or press [CANCEL] to abort
enter command: save voice
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage
    
```

## Field Descriptions

Name	Description (display only)
Status of the most recent "save voice" backup	Status of the most recent invocation of the save-voice backup. in progress (Save voice is currently running) failed (Save failed) completed (Save completed successfully) not run (Save not run since last restart/reboot)

---

## Sample Tasks

---

**NOTE:**

Once started, the save voice operation cannot be cancelled.

To perform a manual backup of the voice filesystem — *append* to the tape:

1. Type **save voice** and press **ENTER** (F3).
2. Press **ENTER** (F3) to proceed with the backup or **CANCEL** (F1) to cancel the operation. The save operation will proceed in the background.

To backup the voice filesystem — *rewind* the tape:

1. Type **save voice rewind** and press **ENTER** (F3).
2. Check displayed backup status and press **ENTER** (F3) to confirm erasure of the tape and proceed with the backup or **CANCEL** (F1) to cancel the operation. The save operation will proceed in the background.

## Additional Specifications

---

A tape must be administered to execute this operation.

Once started, the save voice operation cannot be cancelled.

A single backup tape cannot store more than 150Mb of data. For 400Mb systems, the save voice operation should not be used with a full voice filesystem.

The save is run in the background, which means the operation is still running for some time even after the screen displays `Command Completed Successfully`. To check the status of the background save, reactivate the save Voice screen.

## audit Voice-Files

The audit Voice-Files screen initiates a demand audit on voice-files and displays the results of the audit. This audit insures that each voice-message file is associated with a subscriber's mailbox.

### audit voice-files

```

drmf2      Active   Alarms:   A Thresholds: none           Logins: 2
audit voice-files                                     Please Wait
                                     AUDIT RESULTS           Date: 03/25/94 08:32
                                     Audit Name           Result
                                     Audit Voice Files   R Running

Press [Cancel] to abort, [Enter] to continue in background
enter command: audit voice-files
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage
    
```

## Field Descriptions

Name	Description
Date	Date that the audit was requested.
Time	Time that the audit was requested.
Audit Name	Name of the audit being run.
Result	1-character code that indicates the last result of the named audit, and up to 20 characters of text of additional audit-result information. blank (audit has not been executed) R (audit is running) P (last audit passed) F (last audit failed) A (last audit aborted)

## Sample Tasks/Additional Specifications

Same as **audit mailboxes**.



Name	Description (display only)
Location	Board location identifier of the resource being busied-out or released. The location identifier is a 7-character string, such as 01a0201, that specifies the port network (01), the carrier (a), the slot (02), and the port (01).
Extension	Extension associated with the resource.
State	Current state of the resource. UEQ (Unequipped, voice-group board is not present) UNP (Resource not purchased) ISP (In-service pending) ISI (In service and idle) ISB (In-service and busy) OSP (Out-of-service pending) OOS (Out of service)
Reason	If the resource is out of service (OOS), this field displays a code indicating the reason. If the resource is not OOS, this field is blank. C (Manually busied out, by craft) D (Insufficient data transmission) F (Fault) M (Taken out of service by maintenance and the voice port is alarmed) R (Resource deficiency) T (Test in progress)

### Sample Tasks

---

To busy-out a voice group:

1. Type **busyout voice-group** and press **ENTER** (F3).
2. Press **CANCEL** (F1) to abort the operation and exit the screen.
3. Press **ENTER** (F3) to invoke the busy-out operation.

To return a port to service:

1. Type **release voice-group** and press **ENTER** (F3).
2. Press **CANCEL** (F1) to abort the operation and exit the screen.
3. Press **ENTER** (F3) to invoke the release operation.

### Additional Specifications

---

Service affecting. Any ports that are busied-out cannot be used to send or receive calls.

## change/display Voice-Group

The Voice Group screen administers the DEFINITY AUDIX system voice-port extensions and locations as well as the Multifunction board location.

**change voice-group**

**display voice-group**

```

drmf2      Active   Alarms:   A Thresholds: none           Logins: 1
display voice-group                               Page 1 of 1
          VOICE GROUP
Member  Port  Extension      Member  Port  Extension
   1    01A0201 72021          2    01A0202 72022
   3    01A0203 72023          4    01A0204 72024
   5    01A0205 72025          6    01A0206 72026
   7    01A0207 72027          8    01A0208 72028
   9    01A0209 72029         10   01A0210 72030
  11   01A0211 72031         12   01A0212 72032
  13   01A0213 72033         14   01A0214 72034
  15   01A0215 72035         16   01A0216 72036

```

---

```

enter command:
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage

```

### Field Descriptions

Name	Description	Valid Entries
Port	Voice-port location assigned to this voice-group, as well as define the DEFINITY AUDIX Multifunction board (MFB) location. 7-character string that indicates port-network, carrier, slot, and port ID. For example, 01a0201 indicates port-network=01, carrier=a, slot=02, and port ID=01.	

Name	Description	Valid Entries
Extension	<p>The first five characters specify the MFB location, 01a02 in the above example. This number must be identical for all voice-groups. Only the last two digits of the voice-port location, the voice-port number, is different for different voice-groups. (The MFB location is used in the error log, alarm log, event log, and other maintenance displays to identify the reported board.)</p> <p><b>NOTE:</b> No more voice ports may be administered than the customer has paid for as determined by the System-Parameters Customer-Options screen. The DEFINITY AUDIX system has an even number of voice ports, from 2 to 8 ports for DP mode and from 2 to 16 ports for CL mode.</p> <p>Voice-port locations may not be duplicates.</p> <p>Switch extension number for this port. A port without an administered extension number is not used by the DEFINITY AUDIX system.</p> <p><b>NOTE:</b> For each non-blank voice-port location (or extension), there is a corresponding non-blank extension (or voice-port location). If both are present and one has been blanked, the corresponding port is removed.</p>	<p>unique 10-digit string equal to the length of the administered extension.</p>

### Additional Specifications

---

A port must be *idle* before it can be changed. To ensure that a port will be idle, the administrator can optionally busyout the port beforehand (see the busyout/release Port and busyout/release Voice Group screens).

The operation invoked by this screen will not drop active calls.

## status Voice-Group

The status Voice-Group screen displays status and translation data for each voice port in the system. One line per voice port appears.

### status voice-group

```

drmf2      Active   Alarms:    A Thresholds: none           Logins: 2
status voice-group
          VOICE GROUP STATUS

Resource  Member  Ext      Port      Processor
VOICE_PT  1       72021   01A0201  01A02    ISI
VOICE_PT  2       72022   01A0202  01A02    ISI
VOICE_PT  3       72023   01A0203  01A02    ISI
VOICE_PT  4       72024   01A0204  01A02    ISI
VOICE_PT  5       72025   01A0205  01A02    ISI
VOICE_PT  6       72026   01A0206  01A02    ISI
VOICE_PT  7       72027   01A0207  01A02    ISI
VOICE_PT  8       72028   01A0208  01A02    ISI
VOICE_PT  9       72029   01A0209  01A02    ISI
VOICE_PT  10      72030   01A0210  01A02    ISI
VOICE_PT  11      72031   01A0211  01A02    ISI
VOICE_PT  12      72032   01A0212  01A02    ISI
VOICE_PT  13      72033   01A0213  01A02    ISI
VOICE_PT  14      72034   01A0214  01A02    ISI
VOICE_PT  15      72035   01A0215  01A02    ISI
VOICE_PT  16      72036   01A0216  01A02    ISI

enter command:
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage

```

## Field Descriptions

Name	Description (display only)
Resource	Resource, VOICE_PT
Member	Voice-port number for the voice port of this row of the display.
Ext	Extension number for this voice port.
Port Location	Location of the voice port in a 7-character string that indicates port-network, carrier, slot, and port ID. For example, 01a0201 indicates port-network=01, carrier=a, slot=02, and port ID=01.
Processor Location	Slot location for the MFB that uses this voice port. The location identifier is a 5-character string that indicates port-network, carrier, and slot. For example, 01a07 indicates port-network=01, carrier=a, slot=07.
MFB Equipped?	Indicates whether or not this voice port is equipped for this MFB. Valid values for this field are y (voice port is equipped) and n (voice port is not equipped).

## Screen Descriptions

---

Name	Description (display only)
State	3-character string that specifies the current state of this voice port. The possible states are as follows: UEQ (Unequipped, voice-group board is not present) UNP (Resource not purchased) ISP (In-service pending) ISI (In service and idle) ISB (In-service and busy) OSP (Out-of-service pending) OOS (Out of service)
Reason	If out of service (OOS), this field can contain any or all of the following characters: C (Manually busied out, by craft) F (Fault) M (Taken out of service by maintenance and the voice port is alarmed) R (Resource deficiency)

## save Weekly

The save Weekly screen is used to perform an immediate backup to tape of the data that is backed up automatically each week. The weekly backup consists of all voiced-in subscriber names including those of remote subscribers. It does not include the subscriber data that is backed up by the **save nightly** command.

### save weekly

*Appends* the backup to the end of the existing backups on the tape.

### save weekly rewind

*Rewinds* tape before the backup begins. This operation erases the tape.



#### NOTE:

This screen can be activated while the DEFINITY AUDIX system is in the OA&M state.

```

ax85      Active   Alarms:  A  Thresholds: none      Logins: 1
save weekly                                     Page 1 of 1
          SAVE WEEKLY

          Status of most recent "save weekly" backup: completed

Press [ENTER] to execute or press [CANCEL] to abort
enter command: save weekly
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage

```



---

## Administration Log Entries



---

The Administration Log screen lists codes and messages that can be used as a search string to spot trouble that may be occurring with the DEFINITY AUDIX system, its features, or the switch. The system administrator should monitor this log whenever the **A** appears on the status line, and take proper action.

Table A-1, Administration Log Entries, lists these log entries and gives any repair actions that may correct the problem."

**Table A-1. Administration Log Entries**

Search String	Message	Action
aabe	Invalid attendant, sub=<name> ext=<extension>	Readminister attendant: change button assignment to a valid extension on the Change Subscriber screen.
aanb	No buttons for attendant, sub=<name> ext=<extension>	Assign buttons or delete the unneeded attendant by executing the Change Subscriber or the Remove Subscriber screen.
adm	Guest password is less than the minimum required length. Please change it	Change guest password by invoking the System-Parameters Features screen.
atpg	Attendant <extension> does not have a personal greeting recorded	Record the attendant menu.

**Table A-1. Administration Log Entries — Continued**

Search String	Message	Action
atm	Auto Attendant calls itself, <extension>	Invoke the Change Subscriber screen and change the Auto Attendant timeout extension to something other than the attendant's extension.
atm	Menu choice <button> (ext. <extension1>) for attendant <extension2> is an invalid subscriber	Invoke the Change Subscriber screen and remove this menu choice, or make a mailbox for extension 1 using the Add Subscriber screen.
atm	Default menu choice <button> (ext. <extension1>) for attendant. <extension2> is an invalid subscriber	Invoke the Change Subscriber screen and remove this menu choice, or make a mailbox for extension 1 using the Add Subscriber screen.
atm	Menu choice <button> (ext. <extension1>) for attendant. <extension2> does not have proper permission	Invoke the Change Subscriber <ext2> screen and give Call Answer or Guest Greeting permission to subscriber assigned to extension 1.
atm	Default menu choice <button> (ext. <extension1>) for attendant. <extension2> does not have proper permission	Invoke the Change Subscriber <ext2> screen and give Call Answer or Guest Greeting permission to subscriber assigned to extension 1.
atm	Attendant <extension> choice has invalid treatment <type>	Invoke the Change Subscriber screen to repair the Auto Attendant problem.
atx	Transfer not allowed and attendant <extension> allows transfer	Turn on transfer using the Change System-Parameters Features screen.
atx	Transfer not active and attendant <extension> uses transfer	Turn on transfer using the Change System-Parameters Features screen.
bsxt	Call answer, non-subscriber <owner's extension>	Someone without an AUDIX mailbox either has coverage to AUDIX or is invoking Call Forwarding to AUDIX. Give them a mailbox, remove coverage, or tell them not to use Call Forwarding to AUDIX. Each time a call comes to an AUDIX port for this subscriber, the port cannot take another call until the call hangs up.
bver	Invalid AMIS version from remote system	AMIS messages could not be transmitted to or from a remote machine because a different protocol was used.
cbnm	Local number missing from callback number	Correct the AMIS translations using the Change Machine screen.
clrd	Administration log manually cleared	None

**Table A-1. Administration Log Entries — Continued**

Search String	Message	Action
cldr	Administration log recovered during audit	None
cldr	Administration log recreated during audit	None
cldr	Administration log recreated during initialization	None
cmtv	Network machine (machine-name) has illegal community ID. Set default to 1	Administer the machine's community ID by executing the Change Machine screen.
cmwl	Corrupt message waiting light, extension <extension>	This indicates a disagreement between AUDIX and the switch about a subscriber's MWL. Could be caused by a race condition. If the subscriber complains often, contact the TSC.
cpas	Copy announcement set from announcement set: annc-set_1 to announcement set annc-set_2, interrupted by shutdown. Recopy	Invoke the Copy Announcement-Set screen to recopy.
ctna	Covering extension assigned while Call Transfer out of AUDIX is not active	Invoke the Change System-Parameters Features screen to activate Call Transfer. Then reexecute the Change Subscriber screen.
dupl	duplicate touch tones	Change name of duplicate mailbox.
fsot	Space threshold exceeded	Check the Display System-Parameters Thresholds screen.
fsut	Space threshold resolved	None
ftwa	Error obtaining system profile.Flash transfer delay set to 2 (default)	None
gpcf	Guest password conflict: <name> <extension>	Change the guest password so a conflict no longer exists, then inform the subscriber.
ilbm	Loopback message from <cb_number>, cannot reply	Correct the AMIS translations using the Change System-Parameters Analog-Network screen.
inva	Invalid AMIS analog dial string <_____>	Correct the AMIS translations using the Change Machine screen.
isum	Invalid digit in AMIS sum string	Call the TSC.
laom	Maintenance port busy, Alarm Origination calls blocked	Log off the maintenance port.

**Table A-1. Administration Log Entries — Continued**

Search String	Message	Action
laom	Alarm Origination line disconnected	Call the TSC.
laom	Alarm Origination call failed	Call the TSC.
laom	No answer to an Alarm Origination call at the far end	Call the TSC.
laom	No acknowledgement of transmission of an Alarm Origination call	Call the TSC.
lfmb	Full mailbox for <extension>	If this happens frequently, talk with the subscriber. A larger mailbox may be needed, or you can suggest they clear out their mailbox more often.
lfmb	Broadcast mailbox is full	If you have an important broadcast message to deliver, log into the special broadcast mailbox and delete an old one. Then resend your message.
Innr	Name not recorded for <name> <extension>	Record a name for the subscriber specified in the log message.
lpba	Break-in attempt into mailbox owned by <name>, <owner's extension> from <originating_extension>	Check into this — could be an indication of toll fraud!
lpba	Break-in attempt into mailbox owned by <name>, <owner's extension> from outside call	Check into this — could be an indication of toll fraud!
Isos	System out of space	Inform subscribers to clean their mailboxes. (You can use the login announcement to do this effectively. Make the announcement non-dial through.) If you get little response, lower the retention time on the class of service screens and then execute. Run Audit Mailboxes.
Isxl	Mixed local subscriber extension lengths	Fix subscriber database so all subscribers have the same extension lengths.
mnod	Multiple nodes for AMIS address <address>	Check the Display Address-Ranges screen. Then correct the AMIS translations using the Change System-Parameters Analog-Network screen.
mnod	Multiple nodes for AMIS addresses	Correct the AMIS translations.

**Table A-1. Administration Log Entries — Continued**

Search String	Message	Action
msot	Message space threshold — upper	Check the Display System-Parameters Threshold screen. Ask subscribers to clean out their mailboxes. You can use the login announcement to do this. If the upper threshold continues, consider buying a larger disk.
msot	Message space threshold — middle	
msot	Message space threshold — lower	
msut	Message space threshold — retired	None — Indicates the time when the threshold was resolved.
noci	No transmission cycle intersection with outcalling for node: <node number> name: <node name>	This concerns AMIS networking. AMIS networking uses the outcalling cycles on the System-Parameters Outcalling screen. In this case the cycles on the Machine screen for the given node do not intersect with the outcalling cycles. One or both cycles must be changed for AMIS messages to be sent.
ncyc	Network machine (machine-name) has no transmission cycles	Administer transmission cycles by executing the Change Machine screen.
ndig	Network machine (machine-name) has illegal extension size	Administer the machine's extension size by executing the Change Machine screen.
ndsd	Remote subscribers are deleted	None
nloc	Local node record missing, default inserted	Administer the local machine by executing the Change Machine screen.
nmtl	Message transmission limit reached for machine <machine_name>	Consider enlarging the range of times that AMIS messages are sent, changing the outcalling schedule, or both.
nntr	Send to nonadministered remote node. Set field to y for machine (machine-name)	Administer sending to nonadministered remote subscribers by executing the Change Machine screen.
nrng	Network machine (machine-name) has no address ranges	Administer the address ranges by executing the Change Machine screen.
nsmb	No voice space available to add new mailbox	Run Audit Mailboxes, or lower the retention times by executing the Change Subscriber or the Change COS screen.
pglt	Automated Attendant menu lost for all calls, extension <called_extension>	Rerecord menu.

**Table A-1. Administration Log Entries — Continued**

Search String	Message	Action
pglt	Automated Attendant menu lost for out-of-hours calls, extension <called_extension>	Rerecord menu.
pglt	Automated Attendant menu lost for internal calls, extension <called_extension>	Rerecord menu.
pglt	Automated Attendant menu lost for external calls, extension <called_extension>	Rerecord menu.
pglt	Automated Attendant menu lost for busy calls, extension <called_extension>	Rerecord menu.
pglt	Automated Attendant menu lost for no-answer calls, extension <called_extension>	Rerecord menu.
pglt	Automated Attendant menu lost for unknown calls, extension <called_extension>	Rerecord menu.
pglt	Bulletin Board message lost for all calls, extension <called_extension>	Rerecord Bulletin Board announcement.
pglt	Bulletin Board message lost for out-of-hours calls, extension <called_extension>	Rerecord Bulletin Board announcement.
pglt	Bulletin Board message lost for internal calls, extension <called_extension>	Rerecord Bulletin Board announcement.
pglt	Bulletin Board message lost for external calls, extension <called_extension>	Rerecord Bulletin Board announcement.
pglt	Bulletin Board message lost for busy calls, extension <called_extension>	Rerecord Bulletin Board announcement.
pglt	Bulletin Board message lost for no-answer calls, extension <called_extension>	Rerecord Bulletin Board announcement.
pglt	Bulletin Board message lost for unknown calls, extension <called_extension>	Rerecord Bulletin Board announcement.

**Table A-1. Administration Log Entries — Continued**

Search String	Message	Action
pglt	Personal greeting lost for all calls, extension <called_extension>	Check into this — could be an indication of toll fraud!
pglt	Personal greeting lost for out-of-hours calls, extension <called_extension>	Notify called extension (subscribers). They will have to rerecord greeting.
pglt	Personal greeting lost for internal calls, extension <called_extension>	Notify subscribers.
pglt	Personal greeting lost for external calls, extension <called_extension>	Notify subscribers.
pglt	Personal greeting lost for busy calls, extension <called_extension>	Notify subscribers.
pglt	Personal greeting lost for no-answer calls, extension <called_extension>	Notify subscribers.
pglt	Personal greeting lost for unknown calls, extension <called_extension>	Notify subscribers.
rest	Restore failed	Try each of the following in order until the restore succeeds: — Retry the restore using the Restore screen. — Clean the heads on the tape drive. — Change the cartridge. — Call the TSC.
rest	Restore passed	None
rest	Restore aborted	Try each of the following in order until the restore succeeds: — Retry the restore using the Restore screen. — Clean the heads on the tape drive. — Change the cartridge. — Call the TSC.
rmtx	Sending matrix <__> missing, default inserted	Administer sending restrictions by executing the Change System-Parameters Sending-Restrictions screen.
rmtx	Community <__> has illegal entry <__> in sending restriction matrix	Administer sending restrictions by executing the Change System-Parameters Sending-Restrictions screen.

**Table A-1. Administration Log Entries — Continued**

Search String	Message	Action
rmax	Sending restriction matrix file is empty. Default records, which have all entries set to the value PERMIT, were inserted	Administer sending restrictions by executing the Change System-Parameters Sending-Restrictions screen.
save	Save failed	Try each of the following in order until the restore succeeds: — Retry the restore using the Restore screen. — Clean the heads on the tape drive. — Change the cartridge. — Call the TSC.
save	Save passed	None
save	Save aborted	Try each of the following in order until the restore succeeds: — Retry the restore using the Restore screen. — Clean the heads on the tape drive. — Change the cartridge — Call the TSC.
sext	Subscriber name has null extension	Enter the extension for the subscriber using the Change Subscriber screen.
sext	Remote subscriber name has null extension	Enter the extension for the subscriber using the Change Remote-Subscriber screen.
spce	Save backup tape failed: tape full	The tape is full. The rewind option must be used.
spce	Automated save nightly causing rewind	None — Indicates that prior backups are not accessible and are being overwritten.
spce	Approaching end of tape - room for <n> more automated save nightlies	If you want to keep these backups, invoke Remove Tape, replace the tape currently in the system, and invoke Add Tape.
spwd	System Password changed	None
sxlt	Characters 'to' found more than once	Change the switch station/trunk name so that it does not contain the characters to. Note: Capitalizing the t is sufficient.
sxlt	Name: <name> (ext: <extension1>) not unique. See ext: <extension2>	Change one of the names associated with extension1 or extension2 so they are unique. Note: The names may already be unique, but when the switch sorts them for the directory, they may end up looking the same. When this happens, change them again to make them unique.

**Table A-1. Administration Log Entries — Continued**

Search String	Message	Action
sxlt	Too many errors found, logging suspended	Clean up switch administration flaws described in previous log entries, and try the switch names audit again.
sxlt	Name <name> might contain 'to'	If the station name on the switch contains the characters to, remove the characters Note: Capitalizing the t is sufficient. If the name does not contain to, no errors will occur. But this message will be logged every time the audit runs.
sxlt	Invalid directory display: <____>, port: <port>	Check the switch administration of the port in question. Ensure that the directory feature is administered on the correct button. See Switch Administration for DEFINITY AUDIX System, 585-300-509.
sxlt	Failed to get name/extension pair from the switch	For some reason, during the switch names audit, the switch did not respond when AUDIX pressed the next feature button.
sxlt	Too many errors found during audit: <____>, port: <port>	Fix the errors described in previous log entries, and try the switch names audit again.
sxlt	Audit failed, no names were found, port: <port>	No names/stations have been administered on this switch (the switch directory is empty). Run the audit again after the switch is administered.
sxlt	Cannot light MWI on AUDIX port <port>	During a port test, AUDIX could not light a message waiting indicator. Ensure that the port extension in question (Change Voice-Group screen) is correct. Also, ensure that the switch administration of the port is correct (especially lwc-store and other fields associated with the leave-word-calling switch feature). See Switch Administration for DEFINITY AUDIX System, 585-300-509.
sxlt	Cannot extinguish MWI on AUDIX port <port>	During a port test, AUDIX could not turn off a message waiting indicator. Ensure that the extension of the port in question (AUDIX Change Voice-Group screen) is correct. Then, use the switch coverage-message-retrieval feature (on a display set) to ensure there are no other messages for this AUDIX port. Also ensure that the switch administration of the port is correct (especially lwc-cancel and other fields associated with the Leave Word Calling switch feature). See Switch Administration for DEFINITY AUDIX System, 585-300-509.

**Table A-1. Administration Log Entries — Continued**

Search String	Message	Action
sxlt	AUDIX port: <port> does not contain 'AUDIX' display: <____>	Ensure that the extension of the port in question (Change Voice-Group screen) is correct. Also, check switch administration of the AUDIX port and make sure the station name begins with the characters A U D I X. See Switch Administration for DEFINITY AUDIX System, 585-300-509.
sxlt	Call to port <port> does not cover (all calls), display: <____>	All AUDIX ports must use a coverage path that covers (all calls) to the AUDIX hunt group. Change switch administration so this is the case, and test the port again. See Switch Administration for DEFINITY AUDIX System, 585-300-509.
sxlt	Cannot get dial tone, port: <port>, ret: <____>	Check in order until you can get a dial tone: — Is port out of service — Is the system clock set — Do filesystems exist — Is system hardware bad or improperly seated — If no alarms are present, call the TSC.
sxlt	No called party information on outgoing call display: <____>	During a port test, the tested port called itself, but did not get any called party information on its display. Make sure the extension of the port in question (Change Voice-Group screen) is correct. Also, check switch administration of the AUDIX port and ensure that the station name begins with A U D I X. See Switch Administration for DEFINITY AUDIX System, 585-300-509.
sxlt	No administered extension on AUDIX port <port>	Check the Change Voice-Group screen and ensure that an extension is administered for the port in question. See Switch Administration for DEFINITY AUDIX System, 585-300-509. Note: This message should never be logged.
sxlt	Cannot select call appearance <____> (port <port>)	Check the switch administration of the given AUDIX port. Make sure the port is administered with all the call appearances the documentation requests. See Switch Administration for DEFINITY AUDIX System, 585-300-509.
sxlt	Display button <____> (port <port>) might not have directory feature	Check if feature is active. See Switch Administration for DEFINITY AUDIX System, 585-300-509.

**Table A-1. Administration Log Entries — Continued**

Search String	Message	Action
sxlt	Could not get name/extension pair from the switch. Display button <____>	Check the switch administration of the port in question. Ensure that the next feature button is administered. See Switch Administration for DEFINITY AUDIX System, 585-300-509.
sxlt	Port (<port>) might not have date-time feature	Check if feature is active. See Switch Administration for DEFINITY AUDIX System, 585-300-509.
sxlt	Unable to correctly parse time, time data: <____>	Check the switch administration of the AUDIX ports, especially the date-time button. See Switch Administration for DEFINITY AUDIX System, 585-300-509.
sxlt	Invalid month received: <month>	Call the TSC.
sxlt	Invalid weekday received: <weekday>	Call the TSC.
sxlt	Switch names database discarded	Check previous log entries.
sxlt	Bad voice port extension, port <port>	Readminister the voice port extension for <port> on the Change Voice-Group screen.
sxlt	AUDIX subscriber: extension lwc disabled	Check that LWC is not disabled on the switch's Change Station screen.
syda	System parameters lost, default values inserted	Readminister values on the Change System-Parameters Features screen and the Change System-Parameters Outcalling screen.
syda	Limits parameters lost, default values inserted	Readminister values on the Change System-Parameters Limits screen.
syda	Threshold parameters lost, default values inserted	Readminister values on the Change System-Parameters Thresholds screen.
time	Time synchronization with switch was successful	None — Indicates that someone changed the system time to agree with the host switch. See the Set Time screen.
time	Set time was successful	None — Indicates that someone changed the system time by using the Set Time screen.
time	Time zone was changed to time_zone	Execute Reset System Reboot for the new time zone to take effect.
tmzs	Time zone is incorrect	Change the time zone by executing the Change Switch-Time-Zone screen. If that fails, call the TSC.
traf	Subscriber traffic file corrupt	Call the TSC.

**Table A-1. Administration Log Entries — Continued**

Search String	Message	Action
traf	Remote message traffic corrupt	Call the TSC.
undm	Undeliverable message from <extension1> to <machine_name> <extension2>. Mailbox full	If this happens frequently, ask extension 2 to delete messages, or give them a larger mailbox.
undm	Undeliverable message from <extension1> to <machine_name> <extension2>. Subscriber not found	Indicates that a subscriber no longer is administered on the machine. Sender will also be notified.
undm	Undeliverable message from <extension1> to <machine_name> <extension2>. Permission denied	The subscriber probably tried to send a private message which is not allowed. (The sender was also notified that the message was not delivered.) Tell the subscriber not to mark remote messages as private. Review the subscriber's community to ensure it is correct on the Display Subscriber screen.
undm	Undeliverable message from <extension1> to <machine_name> <extension2>. Transmission problems	May indicate that the machine is not working properly or the dialed facilities used to access this machine are not correct.
undm	Undeliverable message from <extension1> to <machine_name> <extension2>. Sending restricted	None — Recipient has chosen not to receive messages from sender's restriction community. See the Change System-Parameters Sending-Restrictions screen.
undm	Undeliverable message from <extension1> to <machine_name> <extension2>. Miscellaneous reason	Contact the TSC and report problems with the network.
undm	Undeliverable message from <extension1> to <machine_name> <extension2>. Only one active login announcement allowed	None — The sender will also be notified.
undm	Undeliverable message from <extension1> to <machine_name> <extension2>. AMIS analog recipient, wrong number	If the logged number is not a wrong number, a system restart is necessary. Otherwise, readministration of the AMIS number may be necessary.

**Table A-1. Administration Log Entries — Continued**

Search String	Message	Action
undm	Undeliverable message from <extension1> to <machine_name> <extension2>. Transmission attempt exception for AMIS analog	Check out the AMIS network connections. If trouble persists, call the TSC.
undm	Undeliverable message from <extension1> to <machine_name> <extension2>. AMIS returned message	Call the TSC.
undm	Undeliverable message from <extension1> to <machine_name> <extension2>. AMIS message longer than 8 minutes	None — The sender will also be notified.
unod	Incoming AMIS message from an unknown machine [ccc][nxx][yyyzzzz]	Add machine using Add Machine, or ignore message.
wrnm	Received wrong number failure for AMIS outgoing	None — The sender was notified of the error.
xfer	Call Transfer turned on/off by login <login_id> on port <pt_id>	None — Provides change in transfer functionality for subscribers/auto attendants.



---

## DEFINITY AUDIX 3.0 to 3.1 Screen Changes

# B

---

This appendix summarizes the differences between DEFINITY AUDIX 3.0 and DEFINITY AUDIX 3.1 from a screens perspective. Most of these changes are made to support new or enhanced features. New, revised, and deleted screens are summarized here.

### New Screens

System-Parameters Imapi-Options	This screen accepts the variables required to enable the Intuity Message Manager.
Test LAN	This screen test the Local Area Network (LAN).

### Revised Screens

Class of Service	Two new fields accommodate the new IMAPI feature.
Subscriber	Two new fields accommodate the new IMAPI feature.
System-Parameters Customer-Options	A new field specifies the number of IMAPI sessions purchased.
System-Parameters Features	A new field identifies the digits at auto-attendant or standalone menu. There are three new fields for the Password Aging feature. A new field activates the new Priority of Call Answer feature.
System-Parameters Outcalling	There are new values for the Maximum Number Digits field.

---

## **Deleted Screens**

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No screens were removed in DEFINITY AUDIX 3.1.

---

# Abbreviations

---

## A

### **ABP**

Alarm Board Processor

### **AC**

Alternating Current

### **ACD**

Automatic Call Distribution

### **ACM**

Assistant Contract Manager

### **ADAP**

Administration and Data Acquisition Package

### **ADC**

Analog-to-Digital Converter

### **ADM**

Administration Manager

### **ADU**

Asynchronous Data Unit (ZA)

### **ADX**

AUDIX State

### **AE**

Account Executive

### **AFIO**

Asynchronous File Input/Output

### **AIM**

AUDIX Initialization Manager

### **AKSRV**

AUDIX Kernel Server

### **ALB**

Alarm Board (TN2170)

### **AMIS**

Audio Messaging Interchange Specification

### **ANET**

AUDIX Network

### **AOM**

Alarm Origination Manager

## Abbreviations

---

### **API**

Application Program Interface

### **ASC**

Audio Session Control

### **ATTOMS**

AT&T Order Management System

### **AUCC**

AUDIX Upgrade Control Center

### **AUDIX**

Audio Information Exchange

### **AWG**

American Wire Gauge

---

## **B**

### **BMPM**

Board Mounted Power Module

### **BTU**

British Thermal Unit

---

## **C**

### **CALC**

Call Answer Language Choice

### **CL**

Control Link

### **CLT**

Control Link Trace Manager

### **CO**

Central Office

### **CPU**

Central Processing Unit

---

## **D**

### **DAC**

Dial Access Code

### **DC**

Direct Current

## Abbreviations

---

<b>DCIU</b>	Data Communications Interface Unit
<b>DCP</b>	Digital Communications Protocol
<b>DCS</b>	Distributed Communications System
<b>DD</b>	Disconnect Detect
<b>DDD</b>	Direct Distance Dialing
<b>DID</b>	Direct Inward Dialing
<b>DIO</b>	DSP Input/Output Controller
<b>DLG</b>	Dual Language Greetings
<b>DM</b>	Database Manager
<b>DMA</b>	Direct Memory Access
<b>DOSS</b>	Delivery Operations Support System
<b>DP</b>	Digital Port
<b>DPC</b>	DSP Parallel Interface Controller
<b>DRAM</b>	Dynamic Random Access Memory
<b>DS</b>	Design Specialist
<b>DS1</b>	Digital Service 1
<b>DSI</b>	Digital Service Interface
<b>DSIC</b>	Dedicated Switch Installation Crew
<b>DSP</b>	Digital Signal Processor
<b>DTE</b>	Data Terminal Equipment

## Abbreviations

---

**DTMF**

Dual Tone Multifrequency

**DUSCC**

Dual Synchronous Channel Chip

---

**E****EDT**

Equipped Device Table

**EIA**

Electronic Industries Association

**EMI**

Electro-magnetic Interference

**EPROM**

Electrically Programmable Read Only Memory

**ER**

Error Manager

**ES**

Enhanced Services

**ESS**

Electronic Switching System

---

**F****FAC**

Faceplate and Alarm Controller

**FC**

Forms Control

**FIFO**

First-In First-Out

**FP**

Feature Processor

**FPRM**

Flash Erasable Programmable Read Only Memory

**FSA**

File System Administrator

**FSO**

Field Service Organization

## Abbreviations

---

**FW**  
Flashware

---

## G

**GBCS**  
Global Business Communications Systems

**GBCSDC**  
Global Business Communications Systems Design Center

---

## I

**ICITT**  
International Consultive Committee for Telephony and Telegraphy

**I<sup>2</sup>C**  
Inter-Integrated Circuit

**IDI**  
Isolating Data Interface

**IL**  
Installation Location

**INADS**  
Initialization and Administration System

**I/O**  
Input/Output

**ISB**  
In Service Busy

**ISI**  
In Service Idle

**ISP**  
In Service Pending

**ISDN**  
Integrated Services Digital Network

---

## K

**Kbyte**  
Kilobyte (1024 bytes)

## Abbreviations

---

**kHz**

kilohertz

---

## L

**LAN**

Local Area Network

**LAT**

Local Administration Terminal

**LCD**

Liquid Crystal Display

**LEC**

Local Exchange Carrier

**LED**

Light-Emitting Diode

**LWC**

Leave Word Calling

---

## M

**Mbyte**

Megabyte (~= one million bytes)

**MCM**

Maintenance Control Manager

**MD**

Management Devices

**MFAT**

Multifunction Analog Telephone

**MFB**

Multifunction Board (TN566B)

**MHz**

Megahertz

**MM**

Message Manager

**MOJ**

Material on Job

**MP**

Maintenance Procedure

## Abbreviations

---

**MPDM**

Modular Processor Data Module

**MPM**

Maintenance Procedure Manager

**ms**

Millisecond

**MSB**

Mass Storage Bracket

**MSC**

Message Service Center

**MTBF**

Mean Time Between Failures

**MWI**

Message-Waiting Indication

---

## N

**NACS**

New AUDIX Call Simulator

**NDC**

National Design Center

**NMI**

Non-maskable Interrupt

**NVRAM**

Non-volatile Random Access Memory

---

## O

**OA&M**

Operations, Administration, and Maintenance

**OOS-D**

Out of Service-Due to insufficient translations

**OOS-F**

Out of Service-Fault

**OOS-R**

Out of Service-Resource

**OOS-T**

Out of Service-Testing

## Abbreviations

---

**OS**  
Operating System

---

## **P**

**PBX**  
Private Branch Exchange

**PC**  
Power Converter or Personal Computer

**PDM**  
Processor Data Module

**PEC**  
Price Element Code

**PM**  
Project Manager

**PPE**  
Packet Processing Element

**PROC**  
Procedure

**PROM**  
Programmable Read Only Memory

---

## **Q**

**QSD**  
Quick Silence Disconnect

---

## **R**

**RAM**  
Random Access Memory

**RMT**  
Remote Maintenance Terminal

**ROM**  
Read Only Memory

**RTU**  
Right to Use

---

## S

**SAKI**

Sanity and Control Interface

**SvA**

Software Associate

**SAS**

Subscriber-Specific Announcement Sets

**SAT**

System Administration Terminal

**SCI**

Switch Communications Interface

**SCSI**

Small Computer Systems Interface (AUDIX)

**SD**

Switch Dispatcher, System Data

**SDI**

SCSI Driver Interface

**SIM**

System Implementation Manager

**SS**

Software Specialist, System Status

**STRC**

Sales Technical Response Center

**STU**

Standalone Tape Utilities

---

## T

**TBD**

Tone Based Disconnect

**TCP/IP**

Transmission Control Protocol/Internet Protocol

**TD**

Target Driver

**TDD**

Telecommunications Device for the Deaf

## Abbreviations

---

### **TDM**

Time Division Multiplex

### **TEG**

Trunk Equipment Group

### **TMC**

Technical Marketing Center

### **TSO**

AT&T's Technical Services Organization

---

## **U**

### **UEQ**

Unequipped

### **UL**

Underwriters Laboratories

### **UPS**

Uninterruptible Power Supply

### **USART**

Universal Synchronous/Asynchronous Receiver-Transmitter

---

## **V**

### **VB**

Voice Buffer

### **VD**

Voice Data

### **VM**

Voice Messages

### **VSC**

Voice Session Control

---

## **W**

### **WGS**

Work Group System

---

# Glossary

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## NUMERIC

### 10BaseT

A network baseband medium using twisted wire pairs, operating at 10 Mbits per second.

---

## A

### Activity Menu

The list of main options voiced to subscribers when they access the DEFINITY AUDIX system.

### Administration

The process of setting up a system (such as a switch or a voice mail system) so that it will function as desired. Options and defaults are normally set up (translated) by the system administrator or remote services personnel.

### Alarm Board (ALB)

The hardware platform (TN2169) which works with the Multifunction board to provide monitoring for system power and environmental status, -48 VDC to +12 VDC power conversion for the system's disk and tape drives, and remote terminal access. The TN2170 also provides SCSI-to-Ethernet connectivity to support IMAPI.

### Alarms

Hardware, software, or environmental problems that may affect system operation. These faults are classified as *major*, *minor*, or *warning*. They are recorded into an alarm log which can be accessed either locally or remotely on a terminal connected to the system.

### Angel

A processor activity that exchanges TDM bus control messages and performs functions associated with call setup and port maintenance.

### Announcement Fragment

A numbered piece of spoken voice mail information that makes up a system message or prompt.

### Asynchronous Transmission

A form of serial communications where each transmitted character is bracketed with a start bit and one or two stop bits.

### Asynchronous Data Unit (ADU)

A small device that can extend data transmission far beyond recommended Electronic Industries Association (EIA) limits over building wiring. System terminals may use a Z3A1 or Z3A4 ADU.

### Audio Messaging Interchange Specification (AMIS)

An analog networking feature that allows subscribers of different voice mail systems to send voice mail messages to one another.

**Audit**

A software program that resolves filesystem incompatibilities and updates restored filesystems to a workable level of service. Audits are done automatically on a periodic basis, or can be performed on demand.

**Audio Information Exchange (AUDIX)**

A complete voice-mail messaging system accessed and operated by touch-tone telephones and integrated with a switch.

**AUDIX Administration and Data Acquisition Package (ADAP)**

A software package which allows the DEFINITY AUDIX administrator to transfer system subscriber, maintenance, or traffic data over the administration port to a personal computer (PC) or Work Group System (WGS).

**Automated Attendant**

A DEFINITY AUDIX feature that allows a customer to set up a main number with a menu of options that routes callers to an appropriate department at the touch of a button.

---

## B

**Backup**

A duplicate copy of a filesystem saved on a removable tape. The backup filesystem may be copied back (restored) if the active version is damaged (corrupted) or lost.

**Balun**

On the DEFINITY AUDIX LAN connection, the adapter needed to connect the twisted-pair breakout cable to the coaxial building wire distribution system.

**Baud Rate**

Transmission signaling speed.

**Boot (or Reboot)**

The operation to start a computer system by loading programs from disk to main memory (part of system initialization).

**Boot Filesystem**

The filesystem from which the system loads its initial programs.

**Broadcast Messaging**

A feature that enables the system administrator and other designated users to send a voice mail message to all subscribers automatically.

**Buffer**

Memory used to compensate for time differences in transmission by temporarily storing data.

**Business Communications Terminal (BCT)**

The recommended terminal for system maintenance or administration.

**Busyout Service**

When a technician or administrator blocks service to keep customers from using faulty equipment until it can be repaired or tested. For instance, when ports (or a link) are busied out, subscribers who try to access their mailboxes hear a *fast busy* reorder tone. People who would normally reach DEFINITY AUDIX through Call Answering are not forwarded; they hear ringing and no answer at the number they called.

---

## C

### **Call Answer**

A feature that allows the system to answer a call and record a message when the subscriber is unavailable. Callers may be redirected to the system through the call coverage or Call Forwarding switch features. Subscribers may record a personal greeting for these callers.

### **Call Answer Language Choice**

Call answer multilingual option where a user can alternate between a primary language set and a secondary language. The two languages are administered on a per subscriber basis. If CALC is enabled, the subscriber may not use the standard DEFINITY AUDIX Multiple Personal Greetings feature.

### **Camp-On**

A system shutdown option that waits for ports to become idle before blocking service to them. This allows subscribers to finish calls in progress.

### **Central Office (CO)**

A main telephone office where private customer lines are terminated and connected to the public network through common carriers.

### **Central Processing Unit (CPU)**

The Multifunction board's main 80386SX processor that controls system data transfer, input/output (I/O), and logical instructions.

### **Class of Service (COS)**

The standard set of features given to subscribers when they are first administered (set up with a Voice Mailbox).

### **Command Mode**

A system state where flashware is in control and software is shut down. In this state, a technician has access to menu options to see flashware status and initialization history, run through flashware diagnostics, and to start or continue system initialization.

### **Configuration**

The particular composition and hardware selected for a system, including internal options and peripheral equipment.

### **Control Link (CL)**

The switch-link integration, or interface, between the DEFINITY AUDIX system and the switch that enables the transmission of control messages from the DEFINITY AUDIX system to the switch. The control messages carry information such as calling-party identification and message-waiting indicator status and control.

### **Control-Link Mode**

The type of switch-link integration for which the DEFINITY AUDIX System R3.0 is connected to the switch via analog-line card emulation and a digital connection.

---

## D

### **Default**

A value that is automatically supplied if no other value is specified.

### **Digital-Port (DP) Mode**

The type of switch-link integration for which the DEFINITY AUDIX System R3.0 is connected to the switch via digital line card emulation.

### **Digital Signal Processor (DSP)**

Programmed RAM chips on the Multifunction board that provide signaling, power-level control, speech coding, and data processing.

### **Disconnect Signaling Detection**

Signaling from the CO to the PBX which indicates that the far end caller has hung up.

### **Dual Language Greetings**

When the Call Answer Language Choice is in effect, the subscriber can record personalized greetings for each of the languages listed as the primary and secondary announcement sets. The subscriber instructs the caller to enter \*1 to switch to the alternate language.

---

## E

### **Errors**

Problems detected by the system during automatic self-tests and recorded in an error log. Errors can produce an alarm (fault) if they exceed a threshold.

### **Events**

Occurrences such as inline errors, maintenance procedure failures, alarms, errors, or transitions into or out of the *AUDIX* or *OA&M* states which are recorded in an events log.

---

## F

### **Faceplate and Alarm Controller (FAC)**

The circuitry on the Multifunction board which monitors activity of the DEFINITY AUDIX system.

### **Field**

An area on a form, menu, or report where information can be typed or displayed.

### **Filesystems**

A collection of related files (programs or data) stored on disk which are required to initialize a DEFINITY AUDIX system and provide full service.

### **Flashware**

Code that is stored in electrically reprogrammable memory on the DEFINITY AUDIX system. This programming is retained over power outages but can be reprogrammed automatically on board during initialization.

**Forms**

Terminal screens of information that allow data to be displayed or changed.

---

**G**

**Generic Tape**

A copy of the standard software and Standalone Tape Utilities that is shipped with a new system.

**Graceful Shutdown**

Taking the DEFINITY AUDIX system offline (to the maintenance shutdown state) using \s8RESET SYSTEM SHUTDOWN\s0 in a camp-on manner.

**Guest Password**

A feature that allows people who are not subscribers to leave messages on the system by dialing a subscriber's extension and entering a system-wide guest password.

---

**H**

**Header**

Information that the system creates to identify a message. A message header includes the originator or recipient, type of message, creation time, and delivery time.

**Hunt Group**

A group of analog ports on a switch usually administered to search for available ports in a circular pattern.

---

**I**

**Initialization**

The process of bringing a system to a predetermined operational state. The start-up procedure tests hardware and flashware; loads the boot filesystem programs, locates, mounts, and opens other required filesystems; and starts normal service.

**Initialization and Administration System (INADS)**

A maintenance system used by remote technicians to track alarms.

**Interboard Bus**

The inter-integrated circuit (I<sup>2</sup>C) bus that provides connectivity between the Alarm board and the Multifunction board.

**Intuity Messaging Application Programming Interface (IMAPI)**

A feature that opens an AUDIX messaging application by configuring the AUDIX system as a server on a local area network (LAN). LAN applications thus have direct access to the AUDIX mailbox, its contents and operations.

---

## L

### **Leave Word Calling**

A switch feature that allows the calling party to leave a standard (nonvoice) message for the called party using a feature button or dial access code.

### **Light Emitting Diode (LED)**

A red-light indicator on the system Faceplate panel that shows the status of operations and possible fault conditions. An unlit LED indicates a healthy system. When flashing, the LED indicates a software problem. When it is steadily lit, a hardware problem exists.

### **Liquid Crystal Display (LCD)**

The 10-character alphanumeric display on the DEFINITY AUDIX faceplate panel that automatically shows status of the system including alarms.

### **Local Area Network (LAN)**

The System 75 packet bus.

### **Local Maintenance Terminal (LMT)**

A display terminal located near the DEFINITY AUDIX system and the switch. It is temporarily attached to the Multifunction board via a Y-cable during an on-site service visit.

### **Login**

A unique code used to gain approved access to a subscriber's Voice Mailbox or to a display terminal.

---

## M

### **Mailbox**

A portion of disk memory given to each subscriber for creating and storing outgoing and incoming messages.

### **Message Manager**

Used for retrieval and display of message headers, addressing to lists, managing personal greetings, and for creating, forwarding, and replying to Voice Mail messages.

### **Message-Waiting Lamp**

An LED on a telephone that alerts subscribers to new messages.

### **Modem**

A modulator/demodulator used for transmitting analog signals across phone lines.

### **Multifunction Board (MFB)**

The hardware platform (TN566B) which holds the central processing unit, controllers, memory devices, and signal processors that make a DEFINITY AUDIX system operational.

**Multilingual System**

A DEFINITY AUDIX system containing primary and secondary language announcement sets. A large (40 hour) system can hold up to nine different language sets. The Telecommunications Device for the Deaf (TDD)-based announcement set is treated as a multilingual option.

---

**N**

**Native Mode**

The ability of the switch to recognize the DEFINITY AUDIX multifunction board (MFB) as a TN566B (AUDIX) circuit pack. With native mode support, the switch reserves five slots for the DEFINITY AUDIX assembly, and the switch is able to correctly identify the DEFINITY AUDIX board in alarms sent to the services organization.

**Nonnative Mode**

Without native mode, the MFB slot is provisioned as a TN754 (for the DP integration mode) or as a TN746B (for the CL integration mode), the five slots occupied by the DEFINITY AUDIX assembly are not reserved, and MFB alarms are reported as alarms for a TN754 or TN746B.

**Nonvolatile Random Access Memory (NVRAM)**

A battery-backed RAM on the Multifunction board that retains data through loss of power.

**Null Modem**

An RS232-C cable interface which allows a direct connection between two devices when a modem is not required. Null modems provide no timing signals, but are used with asynchronous devices that derive their timing from start/stop bits.

---

**O**

**Operating System (OS)**

The set of programs that runs the hardware and interprets software commands.

**Operations, Administration, and Maintenance (OA&M)**

A state of system operation where core processes of the Multifunction board are accessed, including system initialization, resource configuration, forms interface, entry into the maintenance subsystem, and filesystem access. Also entered when customer data must be restored.

**Outcalling**

A feature that allows the system to dial subscribers' numbers or go to pagers to inform them they have new messages.

---

**P**

**Port**

A connection or link between two devices, allowing information to travel through it to a desired location. For example, a switch port connects to a DEFINITY AUDIX port to allow a subscriber on a voice terminal to leave a message.

---

## R

### **Reboot**

A system *reboot* is done to clear major system problems (such as corrupt program memory). It also runs automatically whenever the system is powered up.

### **Remote Field Update**

A set of software changes on a given release that is transmitted from a central location to customer equipment. Changes are generally restricted to serious *bug* fixes and are limited in volume.

### **Reply Loop Escape**

Allows the subscriber the option to return to responding to a message after trying to reply to a non-subscriber message.

### **Restart**

During maintenance, a system *restart* brings the system software back into full service, usually after an administrative shutdown. This is often done to try to clear software problems.

---

## S

### **Sanity and Control Interface (SAKI)**

An integrated circuit that receives and transmits TDM bus control messages and monitors the sanity of the angel processor.

### **Shutdown States**

States of system operation where either a technician can shut down the system for maintenance, or where a critical error condition brings down the system. In either case, filesystems are closed and the system can be powered down and removed from the carrier.

### **Small Computer Systems Interface (SCSI)**

An interface standard defining the physical, logical, and electrical connections to computer system peripherals such as tape and disk drives.

### **Standalone Tape Utility**

A software utility with options that include disk drive initialization, copying files from a generic tape onto the customer's disk, and map partition modification.

### **Subscriber Specific Announcement Set**

When the Multilingual feature is enabled, each subscriber form has three fields specifying the announcement set with which the subscriber will interact with the system once they log in, and the two announcement sets with which callers to the subscriber's mailbox can interact with the system.

---

## T

### **Transmission Control Protocol/Internet Protocol**

A set of protocol standards which allows a process on one machine to send data to a process on another machine. Communication may be full or half duplex. TCP/IP includes support for multiple operating systems and machine architectures.

**Technical Service Organization**

The *Tier 3* services group who remotely maintains and diagnoses a DEFINITY AUDIX system using a set of forms generated on a computer terminal.

**Telecommunications Device for the Deaf (TDD)**

A feature providing Call Answering and Personal Greeting capabilities to the hearing-disabled. The announcement set responds to Baudot tones which are input from a special keypad.

**Time Division Multiplex (TDM) Bus**

The interface between the DEFINITY AUDIX system and the switch that carries digitally-encoded voice waveforms and circuit-switched data.

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**U**

**Update**

A limited incremental change on an existing release involving software only.

**Upgrade**

The replacement of one release with a new release. This may involve software, firmware, hardware, and/or data.



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