DEFINITY® AUDIX® System

Release 4.0

Screens Reference

585-300-213
Comcode 108356098
Issue 1
May 1999

Copyright © 1999, Lucent Technologies
All Rights Reserved, Printed in U.S.A.

Notice
Every effort was made to ensure that the information in this book was complete and accurate at the time of printing. However, information is subject to change.

Your Responsibility for Your System's Security
Toll fraud is the unauthorized use of your telecommunications system by an unauthorized party, for example, persons other than your company's employees, agents, subcontractors, or persons working on your company's behalf. Note that there may be a risk of toll fraud associated with your telecommunications system and, if toll fraud occurs, it can result in substantial additional charges for your telecommunications services.

You and your system manager are responsible for the security of your system, such as programming and configuring your equipment to prevent unauthorized use. The system manager is also responsible for reading all installation, instruction, and system administration documents provided with this product in order to fully understand the features that can introduce risk of toll fraud and the steps that can be taken to reduce that risk. Lucent Technologies does not warrant that this product is immune from or will prevent unauthorized use of common-carrier telecommunication services or facilities accessed through or connected to it. Lucent Technologies will not be responsible for any charges that result from such unauthorized use.

Lucent Technologies Fraud Intervention
If you suspect you are being victimized by toll fraud and you need technical support or assistance, call the appropriate BCS National Customer Care Center telephone number. Users of the MERLIN®, PARTNER®, and System 25 products should call 1 800 628 2888. Users of the System 75, System 85, DEFINITY® Generic 1, 2 and 3, and DEFINITY® ECS products should call 1 800 643 2353. Customers outside the continental United States should contact their local Lucent representative, or call one of the above numbers in the following manner:

- Dial the International Access Code; for example, 011.
- Dial the country code for the U.S., that is, 01.
- Lastly, dial either of the telephone numbers provided above.

Lucent Technologies Web Page
The world wide web home page for Lucent Technologies is:
http://www.lucent.com

Federal Communications Commission Statement
Part 15: Class A Statement. This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio-frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

Industry Canada (IC) Interference Information
This digital apparatus does not exceed the Class A limits for radio noise emissions set out in the radio interference regulations of Industry Canada.

Le Présent Appareil Nomérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la class A préscrites dans le reglement sur le brouillage radioélectrique édicté par le Industrie Canada.

Trademarks
See the preface of this document.

Ordering Information
Call: Lucent Technologies BCS Publications Center
Voice 1 800 457-1235 International Voice 317 322-6791
Fax 1 800 457-1764 International Fax 317 322-6699
Write: Lucent Technologies BCS Publications Center
2855 N. Franklin Road
Indianapolis, IN 46219
Order: Document No. 585-300-213
Comcode 108356098
Issue 1, May 1999

For additional documents, refer to the section in "About This Document" entitled "Related Resources."

You can be placed on a standing order list for this and other documents you may need. For more information on standing orders, or to be put on a list to receive future issues of this document, contact the Lucent Technologies Publications Center.

Obtaining Products
To learn more about Lucent Technologies products and to order products, contact Lucent Direct, the direct-market organization of Lucent Technologies Business Communications Systems. Access their web site at www.lucentdirect.com. Or call the following numbers: customers 1 800 451 2100, account executives 1 888 778 1880 (voice) or 1 888 778 1881 (fax).

Warranty
Lucent Technologies provides a limited warranty on this product. Refer to the "Limited Use Software License Agreement" card provided with your package.

European Union Declaration of Conformity
The "CE" mark affixed to the equipment means that it conforms to the following directives. Lucent Technologies Business Communications Systems declares that DEFINITY AUDIX System equipment specified in this document conforms to the referenced European Union (EU) Directives and Harmonized Standards listed below:
EMC Directive 89/336/EEC
Low-Voltage Directive 73/23/EEC

Acknowledgment
This document was prepared by OMD Technical Publications, Lucent Technologies, Denver, CO. and Columbus, OH.
Intellectual property related to this product (including trademarks) and registered to Lucent Technologies Inc. has been transferred or licensed to Avaya Inc.
Any reference within the text to Lucent Technologies Inc. or Lucent should be interpreted as references to Avaya Inc. The exception is cross references to books published prior to April 1, 2001, which may retain their original Lucent titles.
Avaya Inc. formed as a result of Lucent's planned restructuring, designs builds and delivers voice, converged voice and data, customer relationship management, messaging, multi-service networking and structured cabling products and services. Avaya Labs is the research and development arm for the company.

Contents

Contents iii

About This Document xiii

- Intended Audience xiii
- Organization xiv
- How to Use This Document xv
- Conventions Used in This Document xv
- Related Resources xvi
- Trademarks and Service Marks xvi
- How to Make Comments About This Document xvi

1 Using the DEFINITY AUDIX Screens 1-1

- Using the DEFINITY AUDIX Screens 1-1
  - System Administration 1-1
  - System Maintenance 1-2
- Screen Layout 1-3
  - Screen-Labeled Function Keys 1-4
  - Function Key Equivalents 1-5
- The Command Line 1-5
  - Verb-Object Orientation 1-5
  - Command Line Verbs 1-6
  - Command Line Objects 1-6
  - Command Line Qualifiers 1-6
  - Command Line Help 1-7
  - Command Line Abbreviation 1-7
  - Command History and Command Line Editing 1-8
- Working in the DEFINITY AUDIX Screen 1-9
  - Screen Help 1-9
  - Data Entry 1-10
  - Windowing on the 715 Terminal 1-11

2 Screen Organization 2-1

- Screens Organized by Verb 2-1
  - Screen Navigation 2-13
- Screen Commands 2-14
  - Add 2-15

Audit 2-15
Busyout 2-16
Change 2-16
Copy 2-17
Disable 2-17
Display 2-18
Enable 2-18
Help 2-19
List 2-20
Release 2-20
Remove 2-21
Reset 2-21
Save 2-22
Set 2-22
Status 2-23
Test 2-23

3 Screen Descriptions 3-1

- display Activity-Log 3-2
  - Field Descriptions 3-3
- list Address-Ranges 3-5
  - Field Descriptions 3-5
- display Administration-Log 3-6
  - Field Descriptions 3-8
  - Additional Specifications 3-8
- disable/enable Alarm-Origination 3-9
  - Field Descriptions 3-9
  - status Alarm-Origination 3-10
  - Field Descriptions 3-10
  - test Alarm-Origination 3-11
  - Field Descriptions 3-12
  - Additional Specifications 3-13
- display Alarms 3-14
  - Field Descriptions 3-15
- add Announcement-Set 3-18
  - Field Descriptions 3-18

copy Announcement Set 3-19
Field Descriptions 3-19
list Announcement-Sets 3-20
- display Announcement Id 3-21
Field Descriptions 3-22
copy Announcement Id 3-22
Field Descriptions 3-23
save Announcements 3-24
Field Descriptions 3-24
Additional Specifications 3-25
- list Attendants 3-26
Field Descriptions 3-26
- Auto-Attendant 3-27
Field Description 3-28
change Auto-Attend-routing Business-Schedule 3-28
Field Description 3-29
change Auto-Attend Routing Holiday-Schedule 3-30
Field Description 3-31
display Auto-Attend-Routing Routing-Table Schedule 3-32
Field Description 3-33
display Auto-Attend-Routing Menu-Tree 3-34
Field Description 3-34
- list Auto-Attend-Schedules 3-35
- Audit 3-36
Field Descriptions 3-36
Sample Tasks 3-36
Additional Specifications 3-36
- display/restore Backups 3-37
Field Descriptions 3-38
Sample Tasks 3-40
- test Board 3-41
Field Descriptions 3-43
Additional Specifications 3-43
- list Configuration 3-44
Field Descriptions 3-44

- display Class of Service (COS) 3-45
  - Field Descriptions 3-46
  - list COS 3-53
  - Field Descriptions 3-53
- status Disk 3-54
  - Field Descriptions 3-55
- display Errors 3-56
  - Field Descriptions 3-57
- display Events 3-60
  - Field Descriptions 3-61
- change Extensions 3-65
  - Field Descriptions 3-66
  - Additional Specifications 3-66
- list Extensions 3-67
  - Field Descriptions 3-67
- display Fragment 3-68
  - Field Descriptions 3-68
  - copy Fragment 3-69
  - Field Descriptions 3-69
- Help 3-70
- test LAN 3-71
  - Additional Specifications 3-72
- display Machine 3-73
  - Field Descriptions 3-74
  - Additional Specifications 3-77
- list Machines 3-78
  - Field Descriptions 3-78
- Remote Machine 3-79
- test Machine 3-83
    - Function Keys 3-84
- audit Mailboxes 3-85
  - Field Descriptions 3-85
  - Sample Tasks 3-86
  - Additional Specifications 3-86
- audit Mailing-Lists 3-87

Field Descriptions 3-87
Sample Tasks/Additional Specifications 3-87
- audit Maintenance-Logs 3-88
Field Descriptions 3-88
Sample Tasks/Additional Specifications 3-88
- list Measurements Community Day 3-89
Field Descriptions 3-90
- list Measurements Community Hour 3-91
Field Descriptions 3-92
- list Measurements Feature Day 3-93
Field Descriptions 3-94
- list Measurements Feature Hour 3-97
Field Descriptions 3-98
- list Measurements Network-Load Day 3-101
Field Descriptions 3-101
- list Measurements Network-Load Hour 3-103
Field Descriptions 3-104
- list Measurements Load Day 3-105
Field Descriptions 3-106
- list Measurements Load Hour 3-108
Field Descriptions 3-109
- list Measurements Remote-Messages Day 3-111
Field Descriptions 3-112
- list Measurements Remote-Messages Month 3-115
Field Descriptions 3-116
- list Measurements Special-Features Day 3-119
Field Descriptions 3-120
- list measurements Special-Features Hour 3-121
Field Descriptions 3-122
- list Measurements Subscriber Day 3-123
Field Descriptions 3-125
- list Measurements Subscriber Month 3-128
Field Descriptions 3-130
- add/remove MO-Disk 3-133
Field Descriptions 3-134

Sample Tasks 3-135
- status MO-Disk 3-136
  - Field Descriptions 3-137
- test MO-Disk 3-138
  - Field Descriptions 3-139
  - Sample Tasks 3-139
  - status Test 3-140
  - Field Descriptions 3-140
  - Sample Tasks 3-140
  - Additional Specifications 3-140
- audit Names 3-141
  - Field Descriptions 3-141
  - Sample Tasks/Additional Specifications 3-141
- audit Network Data 3-142
  - Field Descriptions 3-142
- change/display Network-Group 3-143
  - Field Descriptions 3-144
- busyout Network-Port 3-145
  - Field Descriptions 3-146
  - Sample Tasks 3-146
- test Network-Port 3-147
  - Field Description (display only) 3-148
- save Nightly 3-149
  - Field Descriptions 3-150
  - Sample Tasks 3-150
  - Additional Specifications 3-150
- change Password 3-151
  - Field Descriptions 3-151
- audit Personal-Directories 3-152
  - Field Descriptions 3-152
  - Sample Tasks/Additional Specifications 3-152
- busyout Port 3-153
  - Field Descriptions 3-154
  - Sample Tasks 3-154
  - test Port 3-155

Field Descriptions 3-156
Sample Tasks 3-156
Additional Specifications 3-157
- list Remote-Extensions 3-158
Field Descriptions 3-159
- add Remote-Subscriber 3-160
Field Descriptions 3-161
- get Remote-Updates 3-163
Field Description 3-163
- display Subscriber 3-164
Field Descriptions 3-166
- audit Subscriber-Data 3-174
Field Descriptions 3-174
Sample Tasks/Additional Specifications 3-174
list Subscribers 3-175
Field Descriptions 3-175
- display Switch-Link (CL Mode) 3-176
Field Descriptions 3-177
- display Switch-Link (DS Mode) 3-179
Field Descriptions 3-180
busyout Switch-Link 3-181
Field Descriptions 3-181
status Switch-Link 3-182
Field Descriptions 3-182
test Switch-Link Long (CL Mode) 3-184
Field Descriptions 3-184
Sample Tasks 3-185
- audit Switch-Names (DS Mode) 3-186
Field Descriptions 3-186
- display Switch-Time-Zone 3-187
Field Descriptions 3-188
- audit Switch-Translations 3-189
Field Descriptions 3-189
Sample Tasks/Additional Specifications 3-189
- reset System OA&M 3-190

Field Descriptions 3-192
Sample Tasks 3-192
Additional Specifications 3-192
- reset System Reboot 3-193
Field Descriptions 3-195
Sample Tasks 3-195
Additional Specifications 3-195
- reset System Restart 3-196
Field Descriptions 3-197
Sample Tasks 3-198
Additional Specifications 3-198
- reset System Shutdown 3-199
Field Descriptions 3-201
Sample Tasks 3-201
Additional Specifications 3-201
- display System-Parameters Activity Log 3-202
Field Descriptions 3-203
- display System Parameters Analog Network 3-204
Field Descriptions 3-204
- display System-Parameters Customer Options 3-206
Field Descriptions 3-207
- display System-Parameters Features 3-209
Field Descriptions 3-211
- display System-Parameters imapi-Options 3-217
Field Description 3-218
- display System-Parameters Limits 3-220
Field Descriptions 3-221
- display System-Parameters Link-Log (CL Mode) 3-222
Field Descriptions 3-223
- display System Parameters Maintenance 3-224
Field Descriptions 3-225
- change/display System-Parameters Outcalling 3-228
Field Descriptions 3-230
- change System-Parameters Password 3-231
Field Descriptions 3-231

- display/change System-Parameters-Sending Restrictions 3-232
  - Field Descriptions 3-232
- display System-Parameters Thresholds 3-233
  - Field Descriptions 3-233
- display Time 3-235
  - Field Descriptions 3-235
  - Sample Tasks 3-237
  - Additional Specifications 3-237
- change/display Transfer-Dialplan 3-238
  - Field Description 3-238
- save Voice 3-239
  - Field Descriptions 3-239
  - Sample Tasks 3-240
  - Additional Specifications 3-240
- audit Voice Files 3-241
  - Field Descriptions 3-241
  - Sample Tasks/Additional Specifications 3-241
- busyout Voice-Group 3-242
  - Field Descriptions 3-243
  - Sample Tasks 3-243
  - Additional Specifications 3-243
- display Voice Group 3-244
  - Field Descriptions 3-245
  - Additional Specifications 3-245
- status Voice-Group 3-246
  - Field Descriptions 3-246
- save Weekly 3-248
  - Field Description 3-249
  - Sample Tasks 3-249

A Administration Log Entries A-1

ABB Abbreviations ABB-1

GL Glossary GL-1

IN Index IN-1

About This Document

This manual is a reference to the administration and maintenance screens for the DEFINITY® AUDIX® System Release 4.0. 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.

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

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

This document is designed for DEFINITY AUDIX customers, such as system administrators and maintenance engineers, and for Lucent Technologies personnel, such as the installers and service technicians for the DEFINITY AUDIX System.

Organization

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 a summary of the set of DEFINITY AUDIX System administration and maintenance screens and their access commands. These tables can help you locate specific screen descriptions in this document.

Chapter 2, "Screen Organization", 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:

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

Appendix A, "Administration Log Entries" lists the codes and messages that can be used to solve problems that may be occurring with the DEFINITY AUDIX System, its features, or the switch.

How to Use This Document

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. Commands precede each screen name exactly as written on the command line. Descriptions follow each screen name using the name as it appears on the screen. Use the following procedure to locate a screen:

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

More information about using the screens is given in Chapter 1, "Working in the DEFINITY AUDIX Screen".

Conventions Used in This Document

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 to reference 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.

SECURITY ALERT:

This icon and the words "Security Alert" indicate the presence of a toll fraud security hazard. Toll fraud is the unauthorized use of your telecommunications system by an unauthorized party (such as persons other than your company's employees, agents, subcontractors, or persons working on your company's behalf. Be sure to read "Your Responsibility for Your System's Security" on the inside front cover of this book.

Related Resources

For a list of documents related to the DEFINITY AUDIX System, see the Lucent Technologies Product Publications Catalog website at www.lucent.com/enterprise/documentation.

Trademarks and Service Marks

DEFINITY is a registered trademark of Lucent Technologies.

AUDIX is a registered trademark of Lucent Technologies.

How to Make Comments About This Document

We are interested in your suggestions for improving this document. Please send your comments and suggestions to:

Lucent Technologies
OMD Technical Publications
Room 22-2X57
11900 North Pecos Street
Denver, Colorado 80234

Send email comments to:

octeltechpubs@lucent.com

Using the DEFINITY AUDIX Screens

1

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 Release 4.0 System Description,* 585-300-214, for a list of the supported terminals and modems.

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 Release 4.0 Maintenance, 585*-300-121.

System Administration

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

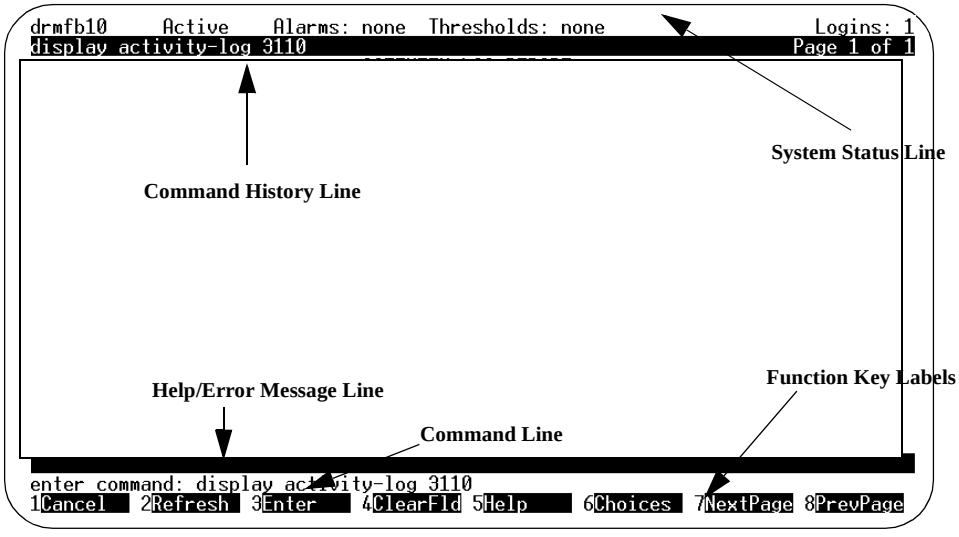
System Maintenance

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 Lucent Technologies 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 MO drive, circuit pack, and communication ports
- Performing data backups
- Restoring data from the magneto-optical (MO) disk
- Shutting down and restarting the system

Screen Layout

The screen layout for the DEFINITY AUDIX administration screens is shown below. Each page of multiple-page screens has the same screen layout.



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

System Status Line	Shows status indicator, number of current logins, and active alarms.
Command History Line	Displays the fully expanded command line. For multi-page screens, displays current page number and page count. Indicates if the activity window contains help instead of the screen itself.
Activity Window	Contains: — Data-entry fields for typing in new or changed data — Display-only fields — Reports displaying requested system information — Screen and field help accessed by the Help or Choices keys
Help/Error Message Line	Displays short error messages and prompts.
Command Line	Accepts and processes the command/screen name/identifier(s) that you enter to access a screen.
Function Key Labels	Identifies function keys F1 through F8.

Screen-Labeled Function Keys

The screen-labeled function keys are shown on the last line of the screen.

The purpose of each key is as follows:

Key	Command Line	Screen
F1 (Cancel)	Erases the entire contents of the command line.	Halts the current activity and places the cursor on the command line. *In a help screen*, returns to the screen.
F2 (Refresh)	N/A	Repaints the screen.
F3 (Enter)	Executes the command.	Submits a completed screen for the action specified on the command line, such as add, display, or remove.
RETURN	Executes the command.	Moves the cursor forward from one field to the next.
F4 (Clear Field)	Clears a single word.	Clears an entire field.
F5 (Help)	Displays a screen explaining the types of help available.	Requests screen help. Identical to the **help** command.
F6 (Choices)	Displays valid entries for the command, screen name, or identifier, if 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.
F7 (Next Page)	N/A	Moves forward through multiple-page screens, reports, or help.
F8 (Previous Page)	N/A	Moves backward through multiple-page screens, reports, or help.

Function Key Equivalents

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:

Function Key	Screen Label	Control Key	Purpose
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

This section describes the syntax for the screen activation commands.

Verb-Object Orientation

The screen activation commands for the DEFINITY AUDIX System follow a verb-object syntax. See Chapter 2, Screens Organized by Verb and Screens Organized by Screen Name (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:

add	**copy**	**get**	**release**	**save**
audit	**disable**	**help**	**remove**	**set**
busyout	**display**	**list**	**reset**	**status**
change	**enable**	**logoff**	**restore**	**test**

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.

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 which appear on the following page.

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 F6 (Choices) 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 (Back tab), 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**).

You can build a command one word at a time. For example, at the beginning of the command line you can press F6 (Choices) 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 F6 (Choices) the system expands the command line to **change system-parameters** and lists all valid words that can follow.

By using F6 (Choices), 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. 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:

F1 (Cancel)	Erases the entire line.
◄ (left arrow)	Moves the cursor to the previous word.
TAB (Tab) or ► (right arrow)	Moves the cursor to the next word.
backspace	Deletes the previous character.
F4 (Clear Field)	Erases a single word.
F6 (Choices)	Displays valid command-line entries for the portion of the command to the left of the cursor.
F3 (Enter)	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

If you 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 F4 (Clear Field) to remove **1000**
- Type **2000**
- Press F3 (Enter)

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 F4 (Clear Field) to remove **add**
- Type **change** in its place
- Press the F3 (Enter)

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 F3 (Enter), 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. All other fields are display-only fields. You cannot enter data into display-only fields.

When you activate a screen, the cursor 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 F6 (Choices) 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 (Back tab), 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
TAB or RETURN	Moves the cursor to the next field. From the bottom field, wraps to the top field.
←TAB	Moves to the previous field. From top field, wraps to the bottom field.
►	Moves to the next field. From bottom field, wraps to the top field.
◄	Moves to the next field to the previous field. From top field, wraps to the bottom field.
▲	Moves to the nearest field on the previous line. From top field, wraps to the bottom field.
▼	Moves to the nearest field on the next line. From bottom field, wraps to the top field.
backspace	Deletes the last character entered in the current field.
F4 (Clear Field)	Clears the current field.

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

Windowing on the 715 Terminal

If you are using the 715 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.

Screen Organization

2

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

The first table shows all possible screen access commands sorted alphabetically by verb, and screen name within each verb. The second table lists all screens sorted alphabetically by 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.Digital Networking indicates that the command may only be run if the Digital Networking option has been purchased.

Table 2-1. Screens Organized by Verb

Verb	Object	Qualifiers		Login/other
add	annc set	*set name*		cust
	mo-disk	*[initialize]*		cust O&AM
	machine	*machine name*		cust/ AMIS or Digital Networking
	remote subscriber	*name*		cust/ AMIS Digital Net working
	subscriber	*[extension]*	*[name]*	cust
		[name]	*[extension]*	cust
audit	mailboxes			cust
	mailing-lists			cust
	maintenance-logs			cust
	names			cust
	network-data			cust
	nightly			craft
	personal-directories			cust
	subscriber-data			cust
	switch-names (DS mode)			cust
	switch-translations			cust
	voice-files			cust
	weekly			craft
busyout	network-port	*port location or all*		cust
	port	*port location*		cust
	voice-group	[forced]		cust

Continued on next page

Table 2-1. Screens Organized by Verb — *Continued*

Verb	Object	Qualifiers	Login/other
change	announcement	*announcement ID*	cust
	auto-attend-routing	business-schedule holiday-schedule routing-table	cust
	cos	*name or number*	cust
	extensions		cust
	machine	*[machine name]*	cust
	network-group		cust
	password		cust
	remote-subscriber	*name* | *address* | *machine-name extension*	cust/ AMIS Digital Net working
	subscriber	*name* or *extension*	cust
	switch link		cust
	switch time-zone		cust
	system-parameters	activity-log	cust
		analog-network	cust/ AMIS
		customer-options	init
		features	cust
		imapi-options	cust (imapi)
		limits	cust
		link-log (CL mode)	craft
		maintenance	craft
		outcalling	cust
		password	cust
		sending-restrictions	cust
		thresholds	cust
	transfer-dialplan		cust
	voice-group		cust
copy	annc-set		cust
	announcement		cust
	fragment		cust
disable	alarm origination		craft

Continued on next page

Table 2-1. Screens Organized by Verb — *Continued*

Verb	Object	Qualifiers		Login/other
display	activity log	*extension*		cust
	administration log			cust
	alarms			cust
	announcement	*announcement-ID*	*[annc-set]*	cust
	auto-attend-routing	*business-schedule* *holiday-schedule* *menu-tree* *routing-table*		cust
	backups			cust/ OA&M
	cos	*name or number*		cust
	errors			craft
	events			craft
	fragment	*fragment-id*	*[annc-set]*	cust
	machine	*machine-name*		cust
	mo-disk			cust/ OA&M
	network group	.		cust
	remote-subscriber	*[machine-name]*	*name or extension*	cust/ AMIS or Digital Networking is enabled
	subscriber	*name or extension*		cust
	switch-link			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
	time			cust
	transfer-dialplan			cust
	voice group			cust

Continued on next page

Table 2-1. Screens Organized by Verb — *Continued*

Verb	Object	Qualifiers	Login/other
enable	alarm-origination		craft
get	remote-updates	*machine name*	cust
help			cust

Continued on next page

Table 2-1. Screens Organized by Verb — *Continued*

Verb	Object	Qualifiers				Login/other
list	address-ranges	*[starting-address] [overlaps-only]*				cust
	annc-sets					cust
	attendants	*[starting-extension]*				cust
	auto-attend-schedules					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
		network load	day	*[starting-date]*	*[starting-hour*	cust
			hour	*[starting-date]*	*[starting-hour*	cust
		remote-messages	day	*machine-name*	*[starting-date]*	cust/ AMIS or Digital Networking
			month	*machine-name*		cust/ AMIS or Digital Networking is enabled
		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 extension]*	*[subscriber-type]*		cust/ AMIS or Digital Networking is enabled
	subscribers	*[starting-name]*				cust
logoff						cust

Continued on next page

Table 2-1. Screens Organized by Verb — *Continued*

Verb	Object	Qualifiers		Login/other
release	network port	*port-location*		cust
	port			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
	mo-disk			cust/ OA&M
	remote subscriber	*[machine-name]*	*name or extension*	cust/ AMIS
	subscriber	*name or extension*		cust
reset	system	oa&m		cust/ OA&M
		reboot		cust/ OA&M
		restart		craft/ OA&M
		shutdown		cust/ OA&M
restore	backups **(OA&M is required when running this command)**			cust/ OA&M
save	announcements	[initialize]		cust/ OA&M
	nightly			cust/ OA&M
	voice			cust/ OA&M
	weekly	all locals-only	[initialize] [initialize] [initialize]	cust/ OA&M
set	time			cust/ OA&M

Continued on next page

Table 2-1. Screens Organized by Verb — *Continued*

Verb	Object	Qualifiers			Login/other
status	alarm origination				cust/ OA&M
	audit				cust
	disk	*[scsi-location]*			craft/ OA&M
	mo-disk				cust/ OA&M
	network group				cust
	test				cust
	voice group				cust
test	alarm-origination				craft
	board		[long]		craft
	lan	[dest *address*]	[long]		craft
	machine	*name*	[network-port]	port location	cust
	mo-disk				cust
	network port	*port name*			cust
	port	*port-location*	long	[repeat *n*]	craft

Continued on next page

Table 2-2 lists the screen names in alphabetical order.

Table 2-2. Screens Organized by Screen Name (Object)

Screen Name
activity-log
address ranges
administration log
alarm origination
alarm-origination status
alarm origination test
alarm report
announcement set
announcement set copy
announcement sets list

Continued on next page

Table 2-2. Screens Organized by Screen Name (Object) — *Continued*

Screen Name
announcement Id
announcement Id copy
announcement save
attendants list
auto-attendant
auto-attendant business schedule
auto-attendant holiday schedule
auto-attendant routing table
auto-attendant routing menu-tree
auto-attendant schedules
audit
backups
board test
configuration list
class of service (COS)
cos list
disk status
errors
event
extensions
extensions list
fragment
fragment copy
help
lan
machine profile
machine list
machine remote
machine test
mailboxes audit

Continued on next page

Table 2-2. Screens Organized by Screen Name (Object) — *Continued*

Screen Name
mailing lists
maintenance logs
measurements community day
measurements community hour
measurements feature day
measurements feature hour
measurements network-load day
measurements network-load hour
measurements load day
measurements load hour
measurements remote-messages hourly
measurements remote messages daily
measurements remote messages monthly
measurements special-features daily
measurements special-features hourly
measurements subscriber daily traffic
measurements subscriber monthly
mo-disk
mo-disk status
mo-disk test
names
network-data
network-group
network-port
network-port test
nightly save
password
personal directories
port
port test

Continued on next page

Table 2-2. Screens Organized by Screen Name (Object) — *Continued*

Screen Name
remote-extensions
remote-subscriber add
remote-updates
subscriber display
subscriber-data audit
subscribers list
switch-link (CL mode)
switch-link (DS mode
switch-link busyout/release
switch-link status
switch-link long test (CL mode)
switch-names (DS mode)
switch-time zone
switch-translations
system oa&m
system reboot
system reset
system shutdown
system-parameters activity log
system-parameters analog network
system-parameters customer options
system-parameters features
system-parameters imapi options
system-parameters limits
system-parameters link log (CL mode)
system-parameters maintenance
system-parameters outcalling
system-parameters password
system-parameters sending restrictions
system-parameters thresholds

Continued on next page

Table 2-2. Screens Organized by Screen Name (Object) — *Continued*

Screen Name
time
transfer-dialplan
voice save
voice-files
voice-group
voice-group change/display
voice-group status
weekly save

Screen Navigation

Navigating inside the DEFINITY AUDIX screens, except the display-only screens, is virtually the same for all screens. Commands for the screens are also similar and described below.

1. Type the command (such as add, list, change) and press F3 (Enter). Alternatively press the RETURN or ENTER Key.
2. Once inside the screen, press the RETURN or ENTER key to move the cursor from field to field. The arrow keys will also move the cursor.
3. When a the cursor enters a field where a change is required, enter the new value and press F3 (Enter), or move to the next field, enter another value and so on. To save the new values, press the F3 (Enter) key before exiting the screen. This will save the new data.
4. For multiple-page screens, press F7 (Next Page) or F8 (Previous Page) to move to the next or previous page.

All the possible options and the various screens associated with these options are listed on the following pages.

Screen Commands

Commands for DEFINITY AUDIX screens are listed below:

add	**copy**	**exit**[1]	**logoff**[1]	**save**
audit	**disable**	**get**	**release**	**set**
busyout	**display**	**help**	**remove**	**status**
change	**enable**	**list**	**reset**	**test**

1. Not a screen. This is a command to exit the DEFINITY AUDIX System.

The various tasks for these commands appear on the following screens.

Add

```
drmfb14     Active    Alarms: none  Thresholds: none                  Logins: 3

-annc-set           to create a new announcement set
 mo-disk            to equip a magneto-optical disk
 machine            to add a machine to the network
 remote-subscriber  to administer new remote subscribers
 subscriber         to administer new local subscribers









Missing Entry
enter command: add
```

Audit

```
drmfb14     Active    Alarms: none  Thresholds: none                  Logins: 3

-mailboxes          to remove expired messages from mailboxes
 mailing-lists      to remove invalid extensions from mailing lists
 maintenance-logs   to repair alarm, event, error, and administration logs
 names              to validate recorded subscriber names against extensions
 network-data       to audit transmission queues to remote machines
 nightly            to execute nightly audits on demand
 personal-directories to remove invalid extensions from personal directories
 subscriber-data    to validate subscriber and class of service data
 switch-names       to obtain switch display name and extension information
 switch-translations to make outcalling administration changes effective
 voice-files        to validate message headers and bodies
 weekly             to execute weekly audits on demand









Missing Entry
enter command: audit
```

Busyout

```
drmfb14     Active    Alarms: none  Thresholds: none                  Logins: 3

-network-port to remove a networking port from service
 port         to remove a voice port from service
 voice-group  to remove all voice ports from service









Missing Entry
enter command: busyout
```

Change

```
drmfb14     Active    Alarms: none  Thresholds: none                  Logins: 3

-announcement         to change the composition of system announcements
 auto-attend-routing to change auto-attendant schedules
 cos                 to modify classes of service
 extensions          to change a set of extensions
 machine             to modify translations for a local or remote machine
 network-group       to administer network port locations and extensions
 password            to change the password for this administrative login
 remote-subscriber   to modify the record for a remote subscriber
 subscriber          to modify the record for a local subscriber
 switch-link         to modify switch/AUDIX translation information
 switch-time-zone    to modify time zones for switches in network
 system-parameters   to modify system level parameters
 transfer-dialplan   to change transfer dialplan information
 voice-group         to administer voice port locations and extensions









Missing Entry
enter command: change
```

Copy

```
drmfb14     Active    Alarms: none  Thresholds: none                  Logins: 3

-annc-set     to copy an entire announcement set
 announcement to copy an individual announcement
 fragment     to copy an individual fragment









Missing Entry
enter command: copy
```

Disable

```
drmfb14     Active    Alarms: none  Thresholds: none                  Logins: 3

-alarm-origination to deactivate alarm origination during this login session









Missing Entry
enter command: disable
```

Display

```
drmfb14     Active    Alarms: none  Thresholds: none                  Logins: 3

-activity-log         to display activity log entries for a specified extension
 administration-log   to display administration log entries
 alarms               to display active or resolved alarms
 announcement         to display the fragment composition of an announcement
 auto-attend-routing  to display auto-attendant schedules and menu-tree
 backups              to display backup media contents
 cos                  to display classes of service
 errors               to display the error log
 events               to display the event log
 fragment             to display the modification time of a voice fragment
 machine              to display the record for a local or remote machine
 mo-disk              to display mo-disk volume name
 network-group        to display network port locations and extensions
 remote-subscriber    to display the record for a remote subscriber
 subscriber           to display the record for a local subscriber
 switch-link          to display switch/AUDIX translation information
 switch-time-zone     to display time zones for switches in network
 system-parameters    to display system level parameters
 time                 to display the time of day and date
 transfer-dialplan    to display transfer dialplan information
Missing Entry
enter command: display
```

Enable

```
drmfb14     Active    Alarms: none  Thresholds: none                  Logins: 3

-alarm-origination to reactivate alarm origination









Missing Entry
enter command: enable
```

Help

```
drmfb14     Active    Alarms: none  Thresholds: none                  Logins: 3
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
```

```
drmfb14     Active    Alarms: none  Thresholds: none                  Logins: 3
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 of any item and pressing the [Choices] key or the
          [Return] key or the [Enter] key when the desired item is marked.









Press [PrevPage] for information about help available on the command line.

Press [CANCEL] to return to command entry
enter command: help
```

List

```
drmfb14     Active    Alarms: none  Thresholds: none                  Logins: 3

-address-ranges         to list ranges of valid extensions for machines
 annc-sets              to list the names of valid announcement sets
 attendants             to list the names and extensions of automated attendants
 auto-attend-schedules  to list auto-attendant schedule names
 configuration          to display the system hardware and software configuration
 cos                    to list the names and numbers of classes of service
 extensions             to list local subscribers in extension order
 machines               to list machines in the network
 measurements           to display traffic information
 remote-extensions      to display remote subscribers by extension
 subscribers            to list local subscribers in alphabetical order

Missing Entry
enter command: list
```

Release

```
drmfb14     Active    Alarms: none  Thresholds: none                  Logins: 3

-network-port to return a networking port to service
 port         to return a voice port to service
 voice-group  to return all voice ports to service

Missing Entry
enter command: release
```

Remove

```
drmfb14     Active    Alarms: none  Thresholds: none                  Logins: 3

-annc-set           to remove an entire announcement set
 announcement       to remove an individual announcement
 fragment           to remove an individual voice fragment
 machine            to remove a machine from the network
 mo-disk            to unequip the magneto-optical disk
 remote-subscriber to remove the record for a remote subscriber
 subscriber         to remove the record for a local subscriber









Missing Entry
enter command: remove
```

Reset

```
drmfb14     Active    Alarms: none  Thresholds: none                  Logins: 3

-oa&m     to change to the Operations, Administration, and Maintenance state
 reboot   to reboot the operating system and restart AUDIX
 restart  to restart AUDIX
 shutdown to shut down the system prior to power down









Missing Entry
enter command: reset system
```

Save

```
drmfb14     Active    Alarms: none  Thresholds: none                  Logins: 3

-announcements to save system announcements to backup media
 nightly       to save data normally saved nightly to backup media
 voice         to save voice files to backup media
 weekly        to save data normally saved weekly to backup media









Missing Entry
enter command: save
```

Set

```
drmfb14     Active    Alarms: none  Thresholds: none                  Logins: 3

-time to set the time of day and date









Missing Entry
enter command: set
```

Status

```
drmfb14     Active    Alarms: none  Thresholds: none                  Logins: 3

-alarm-origination to display whether alarm-origination is active
 audit             to view the results of the last audit executed
 disk              to display the status of a disk drive
 mo-disk           to display the status of the mo-disk
 network-group     to display the status of all networking ports
 test              to view the results of the last test executed
 voice-group       to display the status of all voice ports




Missing Entry
enter command: status
```

Test

```
drmfb14     Active    Alarms: none  Thresholds: none                  Logins: 3

-alarm-origination to test alarm calling
 board             to test the MFB board
 lan               to test local area network connectivity
 machine           to test network machine connectivity
 mo-disk           to test the mo-disk
 network-port      to test a networking port
 port              to test an individual voice port




Missing Entry
enter command: test
```

Screen Descriptions

3

This chapter contains descriptions of the screens arranged in alphabetical order by screen name. The screen name appears at the beginning of each screen description. The commands for each screen appear below each heading.

Each screen description contains the following:

- Brief description of what the screen does
- Command(s) used to access the screen
- Information 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 noted 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 illustrates how to use the screen.

display Activity-Log

The Activity-Log Report screen displays entries in the activity log that correspond 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*

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

The Activity-Log Report 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, enter the date and time for the start of the activity-log entries on the first page.

```
drmfb10     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 F7 (Next Page) to view a next page.

```
drmfb10     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
Page 1			
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. **NOTE:** 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.	blank 1 to 12	blank or month last entered
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 < 70 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. **NOTE:** If the ending month is blank, all ending date and time fields must be blank. This makes the ending date and time the current date and time. If the ending month is non-blank, the day and year fields must be non-blank.	blank 1 to 12	current month
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.	

list Address-Ranges

The Address Ranges screen displays a numerical list of address ranges that belong to all machines in the network.

list address ranges

Displays all ranges

list address ranges *starting address*

Display begins with the ***starting address***. If the ***starting address*** includes alphabetic characters, they are converted to their Touch-Tone numeric equivalent. For example, the address ***D2000*** would be ***32000***.

NOTE:
This screen can be activated only if the AMIS analog networking feature or digital networking feature has been activated on the System-Parameters Customer Options screen by Lucent Technologies personnel.

```
ax85        Active    Alarms:    A  Thresholds: none                  Logins: 1
list address-ranges                                                    Page 1
                              ADDRESS RANGES

                                    Machines
From:                    00000      ax85
  To:                    99999

From:                   480000      apden4
  To:                   499999

From:                   680000      apden6
  To:                   695999

From:                   800000      alphaudix
  To:                   899999


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

Field Descriptions

Field Name	Description (display only)
From	Starting address of the address range.
To	Ending address of the address range.
Machines	Machines for this address range (up to 16 machines for each range).

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 F4 (Clear Field) key. To select a subset of alarm entries to be displayed, enter values in the Start Date, Time, and/or Type fields.

```
drmfb10     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 F7 (Next Page) to move to the next page of the list.

```
drmfb2      Active    Alarms:  mw   Thresholds: none                  Logins: 2
display administration-log                                            Page 3
                              ADMINISTRATION LOG

  Date    Time   Type       Alarm

06/12/95 16:26  ncfl Connect failure to machine drmfb2 (premature hang up)

06/12/95 16:26  ncfl Connect failure to machine drmfb20 (try again)

06/12/95 16:32  sxlt Cannot light MWI on audix port 1

06/12/95 16:43  ncfl Connect failure to machine drmfb20 (try again)

06/12/95 16:53  laom No answer to an Alarm Origination call at the far end.

06/12/95 17:45  ncfl Continuing connect failure to machine drmfb20 - (try again)

06/12/95 17:48  laom No answer to an Alarm Origination call at the far end.

06/12/95 18:44  laom No answer to an Alarm Origination call at the far end.

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
SELECTION PAGE			
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
DISPLAY PAGE			
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.

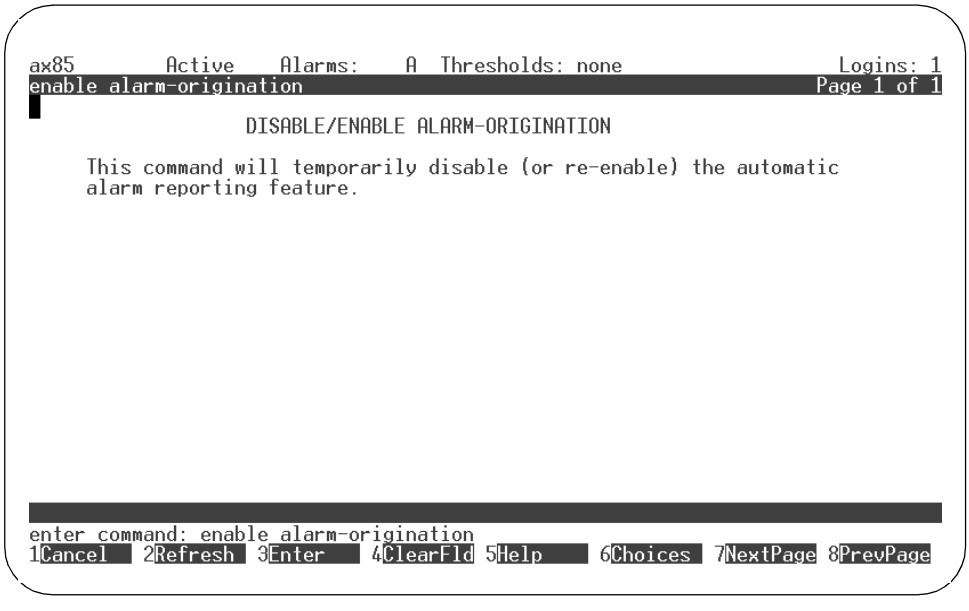
disable/enable Alarm-Origination

The Disable/Enable Alarm-Origination screens are used to temporarily disable (or reenable) the automatic alarm reporting feature, take status of any alarms, and test alarms. It is typically used by Lucent Technologies 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
status alarm-origination
test alarm-origination

Pressing F3 (Enter) after initially entering the screen will disable (or reenable) the alarm origination feature.

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



Field Descriptions

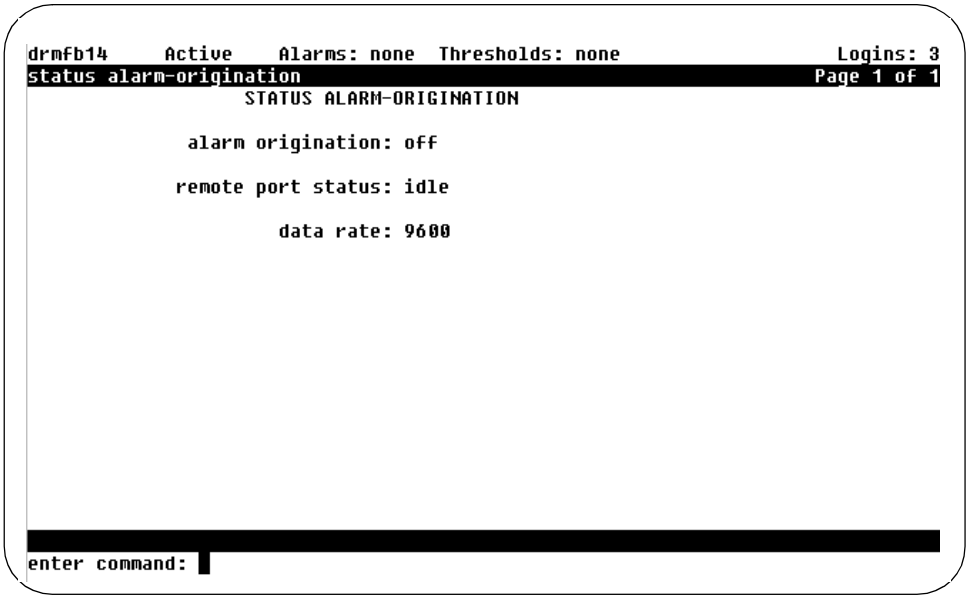
This is a display only screen. There are no data entry fields.

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.



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)
remote port 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 Results Origination screen initiates a demand alarm origination test and displays the results of the test.

test alarm-origination

- Press F3 (Enter) after initially entering the screen to start the test.
- Press F1 (Cancel) after initially entering the screen to return the user to the command line without starting the test.
- Press F3 (Enter) after starting the test to put the test in the background and return the user to the command line.
- Press F1 (Cancel) 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


                                                 Most Recent          Test Counters:
 Resource   Loc.    Test Name                    Test Result          Pass Fail Abort
 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.	
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 F1 (Cancel) to abort the test and return to the command line.
2. Wait for the test to complete.
3. Press F3 (Enter) 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 is available to allow remote testing (test will fail busy if you are logged on remotely.) To use this test feature:

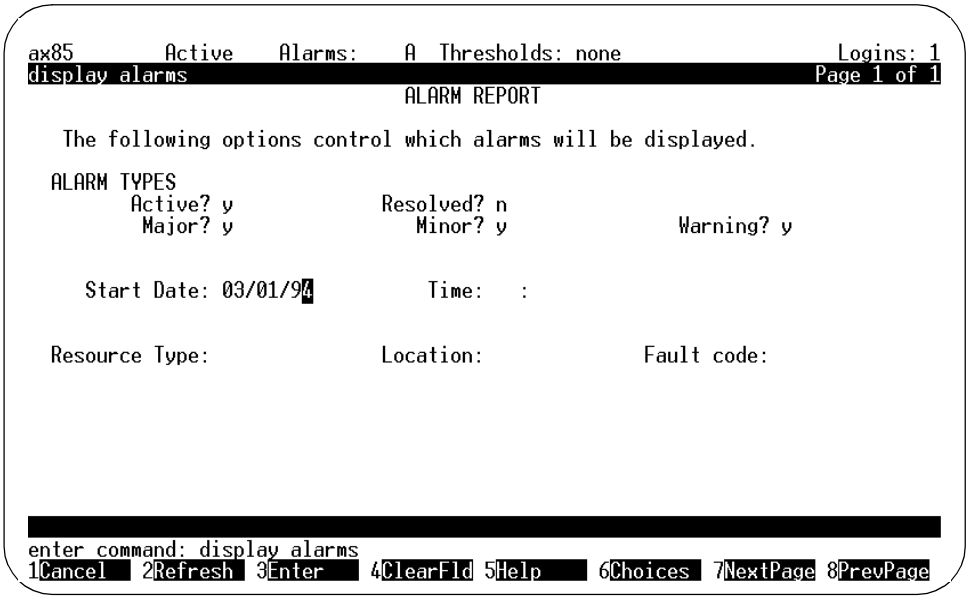
1. Start test.
2. Put in background.
3. Logoff.
4. Log back in after one minute.
5. Check log for pass/fail status.

display Alarms

The Alarm Report screen displays active or resolved DEFINITY AUDIX System alarms.

display alarms

The Alarm Report screen has two pages as shown below. Use the first page to specify which alarms will be displayed in the report.



The second page displays the requested alarm information.

```
drmfb18     Active    Alarms:   w   Thresholds: none                  Logins: 3
display alarms
                                ALARM REPORT

 Resource    Location  Alm  Fault  Ack?   Date/Time        Date/Time    Resolve
 Type                  Lvl  Code          Alarmed          Resolved     Reason
 VOICE_PT    01C1901   WRN  98     n    01/16/99 13:37
 VOICE_PT    01C1902   WRN  98     n    01/16/99 13:37
 VOICE_PT    01C1903   WRN  98     n    01/16/99 13:37
 VOICE_PT    01C1904   WRN  98     n    01/16/99 13:37
 VOICE_PT    01C1905   WRN  98     n    01/16/99 13:37
 VOICE_PT    01C1906   WRN  98     n    01/16/99 13:37
 VOICE_PT    01C1907   WRN  98     n    01/16/99 13:37
 VOICE_PT    01C1908   WRN  98     n    01/16/99 13:37

enter command:
```

Field Descriptions

Field Name	Description	Valid Entries
	NOTE: 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.	
SELECTION PAGE		
ALARM TYPES		
Active?	Displays active alarms in the alarm report.	y (display active alarms) n (not display active alarms)
	NOTE: There must be a **y** 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.	

Field Name	Description	Valid Entries
Resolved?	Displays resolved alarms in the alarm report.	y (display resolved alarms) n (not display resolved alarms)
	NOTE: 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 *DEFINITY AUDIX System Release 4.0 Maintenance*, 585-300-121.
Location	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 **list configuration** or **display voice group** screen.	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.
	NOTE: 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	

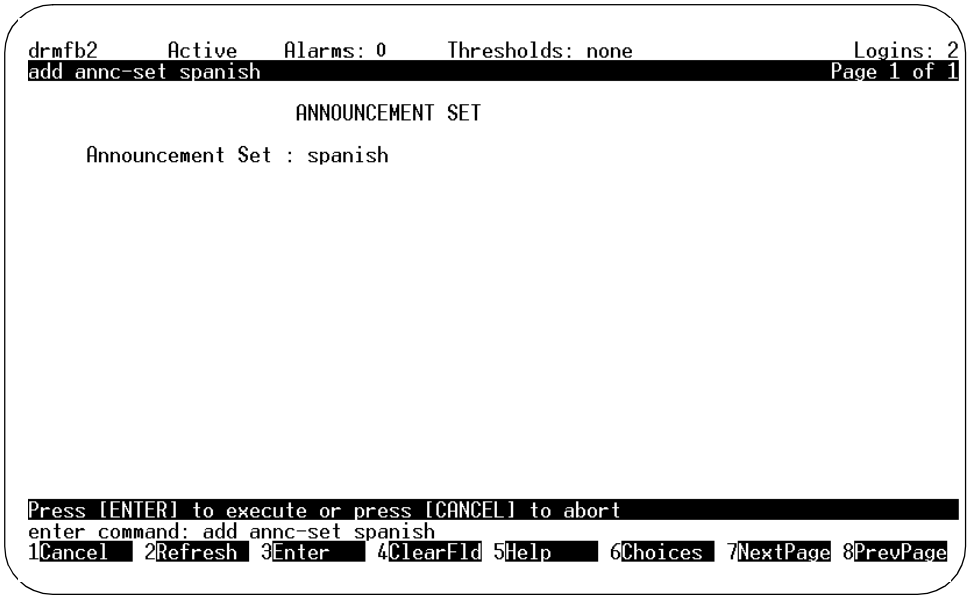
Field Name	Description	Valid Entries
Fault Code	Fault code for the given resource type. If this field contains a fault code, displays only alarms with this fault code. **NOTE:** Each resource type has its own set of fault codes. Therefore, specifying a fault code without a resource type name can display multiple resource types with the same fault code.	0 - 9999
DISPLAY PAGE		
Resource Type	Specific type of alarmed resource.	Possible values in this field are any resource type defined in *DEFINITY AUDIX System Release 4.0 Maintenance*, 585-300-121.
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)
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 Announcement-Set

The Announcement Set screens are used to add, remove, copy or list an announcement set.

add announcement set *annc-set-name*
remove announcement set *annc-set-name*
copy announcement set *annc-set-name*
list announcement set *annc-set-name*

The ***announcement-set-name*** is the name of the announcement set to be acted upon.



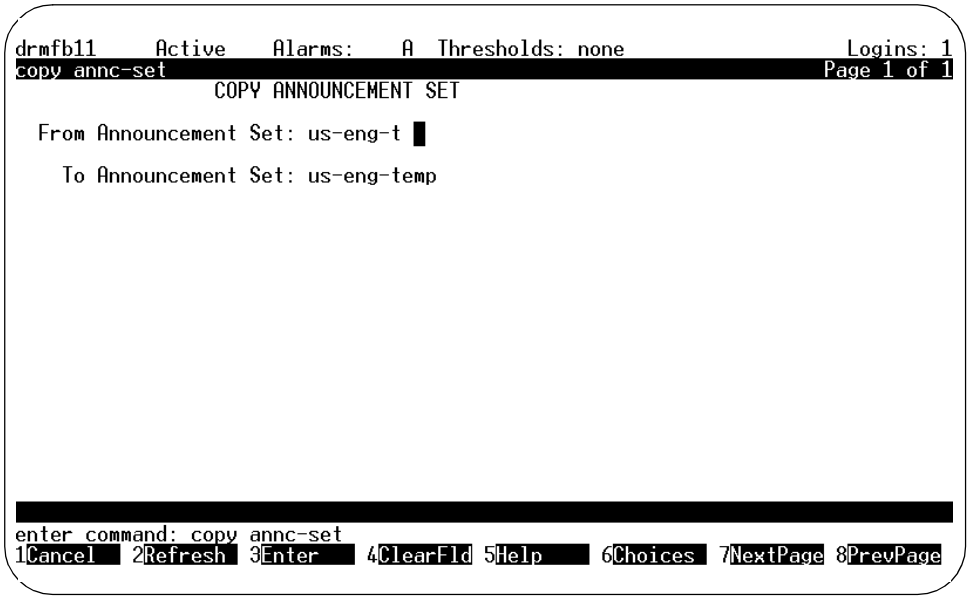
Field Descriptions

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

copy Announcement 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 announcement set



Field Descriptions

Field Name	Description	Valid Entries
From Announcement Set	Name of the announcement set to be copied.	required input field valid announcement 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 Announcement-Sets

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

list announcement sets

```
drmfb10     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.

display Announcement Id

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

change announcement *announcement-id*
copy announcement *announcement-id*
display announcement *announcement-id*
display announcement *announcement-id annc-set-name*
remove announcement *announcement-id*
save announcement *announcement-id*

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.

```
drmfb2      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 **change** and **remove**, displays the administrative annc. set name. For **display**, 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
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 Id

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.

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

copy announcement

```
drmfb2      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 **list annc-set**.	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 is used to perform a manual backup of the announcements filesystem to the MO disk.

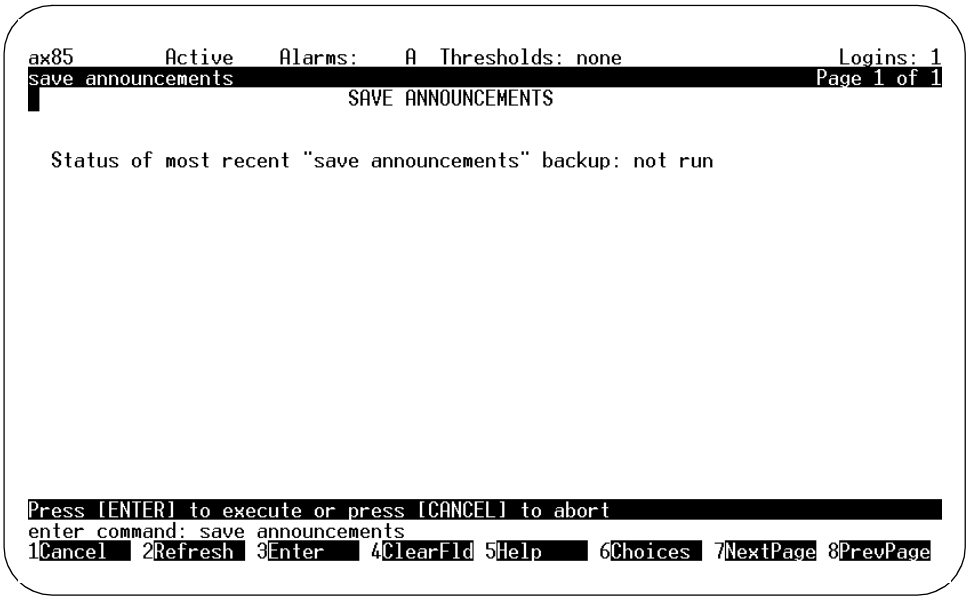
save announcements

Adds the backup to the existing backups on the MO disk.

save announcements initialize

Removes all data on the MO disk before backing up the data.

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



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

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

list attendants
list attendants *extension*

The ***extension*** specifies the extension number with which the list begins.

```
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

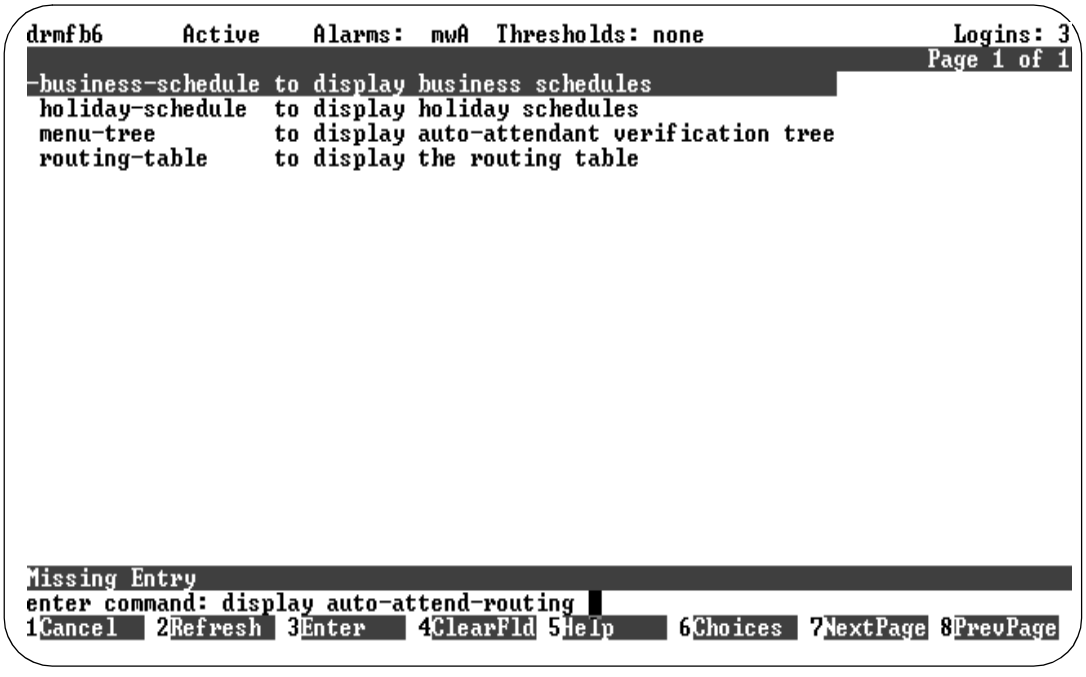
Field Name	Description (display only)
Extension	Extensions of the automated attendants.
Name	Names of the automated attendants associated with the listed extensions.

Auto-Attendant

The Auto Attendant screen is used to change or display auto attendant information for business or holiday hours.

display auto attendant routing
change auto attendant routing
list auto attendant schedule

The following screen is displayed when the command **display auto attendant routing** is entered**.**



Field Description

Field Name	Description (display only)
business schedule	This feature enables the system administrator to adjust the business schedule auto-attendant call processing function for business hours
holiday schedule	This feature enables the system administrator to adjust the holiday schedule auto-attendant call processing function for various holiday hours
menu tree	This screen enables you to search all auto attendant menus to verify that each mailbox exists and the necessary personal greetings have been recorded
routing table	This feature lists the various extensions and the business or holiday schedules associated with each.

change Auto-Attend-routing Business-Schedule

The Auto-Attendant Routing Business Schedules screen appears when the **business-schedule** option from the previous screen is selected. There is an interim screen that appears so you can choose which schedule should be displayed. In the following screen, schedule 1 is displayed.

```
drmfb2      Active    Alarms: MmwA  Thresholds: none                  Logins: 2
change auto-attend-routing business-schedule 1                      Page 1 of 1
                AUTO-ATTENDANT ROUTING BUSINESS SCHEDULES

                          Business Schedule 1: bus1


         (Night Service applies to all hours not specified below)

             Day          Day Service Hours  Alternate Service Hours
             of             Start   End        Start   End
            Week            Time    Time       Time    Time
                          (hh:mm) (hh:mm)    (hh:mm) (hh:mm)

           Monday:          08:00 - 17:00        :   -   :
           Tuesday:         08:00 - 17:00        :   -   :
           Wednesday:       08:00 - 17:00        :   -   :
           Thursday:        08:00 - 17:00        :   -   :
           Friday:          08:00 - 17:00        :   -   :

           Saturday:          :   -   :          :   -   :
           Sunday:            :   -   :          :   -   :

enter command: change auto-attend-routing business-schedule 1
1Cancel  2Refresh  3Enter  4ClearFld 5Help  6Choices  7NextPage 8PrevPage
```

Field Description

Field Name	Description	Valid Entries
Business Schedule	This field contains the name of the individual business schedule. Use the **list auto-attend-schedules** to view the current names of the business schedules.	Each name can contain from 1 to 8 characters. The first character, if a letter, must be alphabetic and there must not be any blanks in the name.
Day Service Hours	This field usually contains the hours the company is normally open. The Start and End Times define the period that incoming calls will be routed to the Day Service Mailbox (as defined on the Routing Table screen for entries that use this business schedule.)	00:00 - 24:00 or blank to define day hours as 8:00 am to 5:00 pm, use 8:00 to 17:00 **NOTE:** All hours not included in the Day or Alternate service hours are considered Night service hours.
Alternate Service Hours	This field contains the hours of the Start and End Times defined when incoming calls are routed to the Alternate Service Mailbox (as defined on the Routing Table screen for entries that use this business schedule.)	00:00 - 24:00 or blank To define alternate hours as 11:30 am to 12:30 pm, use 11:30 to 12:30 **NOTE:** All hours not included in the Day or Alternate service hours are considered Night service hours.

change Auto-Attend Routing Holiday-Schedule

The Auto Attendant Routing Holiday Schedules screen enables the user to set specific holiday schedules that may differ from the normal business schedule

```
drmfb2      Active    Alarms: MmwA  Thresholds: none                  Logins: 2
change auto-attend-routing holiday-schedule 1                        Page 1 of 2
                  AUTO ATTENDANT ROUTING HOLIDAY SCHEDULES

                          Holiday Schedule 1: hol1

                Holiday          Date
                 Name          (mm/dd)     Mailbox

          New Year's Day         01/01      9991
          Lincoln Day            02/11      9993
          Washington Day         02/21      9993
          Memorial Day           05/30      9998
          Independance Day       07/04      9995
          Labor Day              09/05      9992
                                 11/11      9999
                                   /
                                   /
                                   /
                                   /
                                   /

enter command: change auto-attend-routing holiday-schedule 1
1Cancel  2Refresh  3Enter  4ClearFld 5Help  6Choices  7NextPage 8PrevPage
```

Field Description

Field Name	Description	Valid Entries
Holiday Schedule	This is the schedule to be used by the routing function if the called number matches the entry in the incoming Called Number field. Valid entries are the holiday schedule name or number (1-4.) Use the command **list auto-attend-schedules** to view the current names of the business and holiday schedules.	Each name can contain from 1 to 8 characters. The first character must be alphabetic and there must not be any blanks in the name.
Holiday Name	This is an optional field and is used to provide clarification to the name given to the holiday in the holiday name schedule.	
Date	The month and the day of the specified holiday.	month: 1-12 day: 1 to number of days in the month **NOTE:** 02/29 will always be a valid entry.
Mailbox	The mailbox (extension number) of the auto-attendant to be used for this holiday on this schedule.	Valid entries include any valid mailbox (extension number)

display Auto-Attend-Routing Routing-Table Schedule

The Auto-Attendant Routing Table screen lists the routing function for incoming calls to specified numbers. These calls are redirected to specific mailbox numbers according to instructions given on the **holiday schedules** and **business schedule screens** screen.

```
drmfb2      Active    Alarms: MmwA  Thresholds: none                  Logins: 2
change auto-attend-routing routing-table                            Page 1 of 2
                          AUTO-ATTENDANT ROUTING TABLE
                          Routing Table Administration

  Incoming Called       Business  Holiday     Day         Night       Alternate
       Number           Schedule  Schedule    Service     Service     Service
                                              Mailbox     Mailbox     Mailbox
 


enter command: change auto-attend-routing routing-table
1Cancel  2Refresh  3Enter  4ClearFld 5Help  6Choices  7NextPage 8PrevPage
```

Field Description

Field Name	Description	Valid Entries
Incoming Called Number	This is the incoming called extension number	There are two types: 1. a single number from 2-10 digits 2. a range of extensions separated by a hyphen (ext. 1234 - 1345)
Business Schedule	This is the name or number of the business schedule to which this incoming call is assigned.	1 to 8 characters. If a name, the first letter must be alphabetic
Holiday Schedule	This is the name or number of the holiday schedule this incoming call is assigned to	1 to 8 characters. If a name, the first letter must be alphabetic
Day Service Mailbox	The mailbox number used during the day hours if the called number matches the incoming called number.	Any existing mailbox extension number
Night Service Mailbox	The mailbox extension number used during the night hours if the called number matches the incoming called number	Any existing mailbox extension number
Alternate Service Mailbox	The mailbox extension number used during alternate service hours if the called number matches the incoming called number	Any existing mailbox extension number

display Auto-Attend-Routing Menu-Tree

The Auto-Attendant Menu Tree screen enables you to search all auto attendant menus to verify that each mailbox exists and the necessary personal greetings have been recorded.

```
drmfb2      Active    Alarms:  mwA  Thresholds: none                  Logins: 2
display auto-attend-routing menu-tree                                Page 1 of 1
                        AUTO-ATTENDANT MENU TREE




              Start From Called Party ID in Routing Table? y

    Starting Point:              Report Type (full/errors): errors









enter command: display auto-attend-routing menu-tree
1Cancel  2Refresh  3Enter  4ClearFld 5Help  6Choices  7NextPage 8PrevPage
```

Field Description

Field Name	Description	Valid Entries
Start from Called Party ID in Routing Table	This specifies whether the report should begin from the routing table or from a single automated attendant.	y - begin from the Routing Table n - begin from a single automated attendant.
Starting Point	This specifies a mailbox number to start from. To report on a range, enter a number that lies within that range.	Any 2 -10 digit number **NOTE:** If a starting point is not specified, all auto attendant entries will be processed.
Report Type	This specifies whether a full report or just the errors will be generated.	error - only the errors are reported full - a full report, including errors, is generated

list Auto-Attend-Schedules

The Auto-Attendant Schedules screen lists all Auto Attendant Schedules. This includes both Business and Holiday schedules. Schedule numbers for each also appear.

list auto-attend-schedules (display only)

```
drmfb2      Active    Alarms:  mwA  Thresholds: none                  Logins: 2
list auto-attend-schedules
                        AUTO-ATTENDANT SCHEDULES

                      Schedule      Business Schedule
                       Number            Name

                         1              bus1
                         2              bus2
                         3              bus3
                         4              bus4


                      Schedule      Holiday Schedule
                       Number            Name

                         1              hol1
                         2              hol2
                         3              hol3
                         4              hol4


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

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 F3 (Enter). 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 one of the two following steps:
   a. Press F1 (Cancel) to abort the audit and exit the screen.
   b. Press F3 (Enter) 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.

display/restore Backups

The Backups screen is used to display and restore data from the MO disk. All available backups on the disk appear under VOLUME CONTENTS. Additional screen pages are used if there are more than six available backups.

display backups

Displays all available backup files on the MO disk.

restore backups

Restores backups from the MO disk.

The display screen can be activated while the DEFINITY AUDIX System is in either the AUDIX or the OA&M state. The restore version can be activated *only* while the DEFINITY AUDIX System is in the OA&M state.

```
drmfb14     Active    Alarms: none  Thresholds: none                  Logins: 3
display backups                                                     Page 1 of 2
                                BACKUPS

     Backup Number to Restore:

 VOLUME LABEL:
             Volume Label Type: backup
             Volume Label Name: mfb14.bak
              Software Release: Release 4.0, Issue 1
                  Machine Name: drmfb14
                 Creation Date: 11/24/98

 VOLUME CONTENTS:
 Number          Type                    Name              Date     Time
   1     automated_weekly       All                     01/10/99   01:49
   2     automated_nightly                              01/10/99   01:38
   3     automated_nightly                              01/09/99   02:51
   4     automated_nightly                              01/05/99   02:45
   5     automated_weekly       All                     01/03/99   02:09
   6     automated_nightly                              01/03/99   01:02

enter command: display backups
```

Field Descriptions

Field Name	Description	Valid Entries
NOTE: 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 **restore backups.**	Any number in the Number column in the VOLUME CONTENTS section of this screen. Defaults to number of latest nightly or weekly backup
Volume Label Type	Volume type as read from the label of the restore MO disk.	backup (used for nightly or weekly backups of customer data) generic (used for Lucent Technologies provided files, including system anncs.)
Volume Label Name	Volume name as read from the label of the restore MO disk.	
Software Release	Software release as read from the label of the restore MO disk.	48 characters
Machine Name	Machine name as read from the label of the restore MO disk.	10 character machine name
Creation Date	MO disk creation date as read from the label of the restore MO disk.	mm/dd/yy format

Field Name	Description	Valid Entries
VOLUME CONTENTS		
Number	Number identifying the backup to be read from the MO disk. 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.) manual_weekly (weekly backup done manually, on demand)	
Name	Name of the backup, if any	Read from the subname field of the MO disk file label
Date	Date the corresponding backup was made.	mm/dd/yy format
Time	Time that the corresponding backup was made.	hh:mm format

Sample Tasks

An MO disk must be mounted before you can display or restore backups. If an MO disk is not mounted, or if the wrong MO disk is mounted, first use the MO DISK screen to add or remove an MO disk.

To display the backups on a tape:

1. Type **display backups** and press F3 (Enter).
2. Press F7 (Next Page) to view the next page.
3. Press F8 (Previous Page) to view the previous page.
4. Press F1 (Cancel) to exit the screen.

To restore data from the MO disk, the DEFINITY AUDIX System must be in the OA&M state. If the system is already in the OA&M state, skip to step 3.

1. Type **reset system oa&m** and press F3 (Enter). The first page of the screen appears. This will stop voice_mail service.
2. Press F3 (Enter) to begin a reset (that *cannot be cancelled*) to the OA&M state, or press F1 (Cancel) to exit the screen without performing the reset.
3. The second page of the screen displays if F3 (Enter) was pressed. There are two options:
   - Wait for the reset to complete.
   - Press F3 (Enter) 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 F3 (Enter).
2. Type the number of the backup to be restored in the Backup Number to Restore field.
3. Press F3 (Enter) to invoke the restore operation or F1 (Cancel) to exit the screen without restoring the backup. (Once started, a restore operation cannot be interrupted until completed.)

test Board

The Test Board Results screen initiates a demand board test series on the TN568 and displays the results of the test.

test board *loc*

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. The **loc** qualifier is optional.

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

Following is an example of the test board results.

```
drmfb14     Active    Alarms: none  Thresholds: none                  Logins: 3
test board                                                          Page 1 of 1
                              TEST BOARD RESULTS            Date: 01/10/99 17:16

                                        Most Recent            Test Counters:
 Resource   Loc.     Test Name          Test Result            Pass Fail Abort
 EMB_MFB    01B18    Test H/W Time                               0    0    0
 EMB_MFB    01B18    Test Angel                                  0    0    0
 SCSI_CHIP  01B1800  Test SCSI SIOP                              0    0    0
 SYS_TIME   01B18    Tst Adx vs Sw Time                          0    0    0
 USART      01B1801  Test UART                                   0    0    0
 USART      01B1802  Test UART                                   0    0    0
 RACC_UART  01B1803  Test UART                                   0    0    0
 NET_PORT   01B1801  Test Process                                0    0    0
 NET_PORT   01B1801  Switch response                             0    0    0
 NET_PORT   01B1801  DSP sanity                                  0    0    0




Press [Enter] to execute
enter command: test board
```

Following is an example of page 1 of the test board long results.

```
drmfb14     Active    Alarms: MmwA  Thresholds: none                Logins: 2
test board long                                                    Page 1 of 2
                              TEST BOARD RESULTS          Date: 10/12/99 14:11

                                        Most Recent          Test Counters:
 Resource   Loc.     Test Name          Test Result          Pass Fail Abort
 EMB_MFB    01B18    Test H/W Time                             0    0    0
 EMB_MFB    01B18    Test Angel                                0    0    0
 EMB_MFB    01B18    Tone Test                                 0    0    0
 SCSI_CHIP  01B1800  Test SCSI SIOP                            0    0    0
 SYS_TIME   01B18    Tst Adx vs Sw Time                        0    0    0
 USART      01B1801  Test UART                                 0    0    0
 USART      01B1802  Test UART                                 0    0    0
 RACC_UART  01B1803  Test UART                                 0    0    0
 VOICE_PT   01B1801  Test Voice Port                           0    0    0
 VOICE_PT   01B1802  Test Voice Port                           0    0    0
 VOICE_PT   01B1803  Test Voice Port                           0    0    0
 VOICE_PT   01B1804  Test Voice Port                           0    0    0
 VOICE_PT   01B1805  Test Voice Port                           0    0    0
 VOICE_PT   01B1806  Test Voice Port                           0    0    0
 VOICE_PT   01B1807  Test Voice Port                           0    0    0
 VOICE_PT   01B1808  Test Voice Port                           0    0    0
Press [Enter] to execute
enter command: test board long
```

Field Descriptions

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

Additional Specifications

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

1. Press F1 (Cancel) to abort the tests and return to the command line.
2. Wait for the test series to complete.
3. Press F3 (Enter) 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.

```
drmfb15     Active    Alarms:  m A  Thresholds: none                  Logins: 2
list configuration
                              LIST CONFIGURATION

 Software Vintage : Release 4.0, Issue 1

                     Location   Type     Board Code     Vintage

                     01C06    MFB_BD       TN568          1
                              386_FW                      1
                     01C0600 DISK
                     01C0602 MO_DISK

enter command:
```

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 (MO disk or hard 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.

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*

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

```
drmfb2      Active    Alarms:  mwA  Thresholds: none                  Logins: 2
change cos 1                                                        Page 1 of 2
                              CLASS OF SERVICE

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

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

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

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

```
drmfb2      Active    Alarms:  mwA  Thresholds: none                  Logins: 2
change cos 1                                                        Page 2 of 2
                              CLASS OF SERVICE

INCOMING MAILBOX          Order: fifo              Category Order: nuo
  Retention Times (days),   New: 10       Old: 10         Unopened: 10

OUTGOING MAILBOX          Order: fifo              Category Order: unfda
 Retention Times(days),File Cab: 10       Delivered/Nondeliverable: 5


Voice Mail Message (seconds),  Maximum Length: 300  Minimum Needed: 32
Call Answer Message (seconds), Maximum Length: 120  Minimum Needed: 8

        End of Message Warning Time (seconds):

          Maximum Mailing Lists: 25     Total Entries in all Lists: 250
Mailbox Size (seconds), Maximum: 1200            Minimum Guarantee: 0




enter command: change 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	class00 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.	**list annc-sets** displays valid announcement set names	system

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 **NOTE:** 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) **NOTE:** 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.	same as Login Announcement Sets	system

NOTE:
To specify an alternate language set, the multilingual feature must be ON and Call Answer Language Choice must be set to **y**. If this is the case, this field cannot be the same as Call Answer Primary Announcement Set.

Name	Description	Valid Entries	Default
Permissions			
Type	Indicates the call-answer behavior for subscribers who have this class of service.	call-answer auto attendant bulletin board Issue 1 May 1999 none	call- answer
Announcement Control	Lets subscribers with this COS record system names and announcements. **CAUTION:** *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
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. **NOTE:** Only a limited number of subscribers should be given broadcast permission.	voice (Broadcast voice message permission) login (Login annc. permission) both none	none

Name	Description	Valid Entries	Default
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 **y** to allow subscribers to archive messages they receive.	y (enabled) n (disabled)	n

Name	Description	Valid Entries	Default
Incoming Mailbox			
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
	NOTE: 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		
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
	NOTE: 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.		

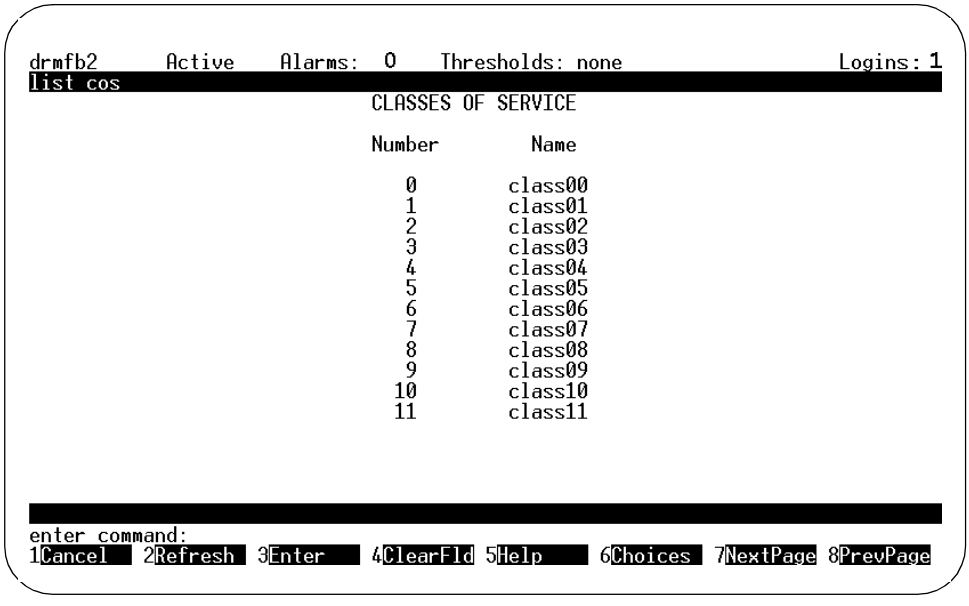
Name	Description	Valid Entries	Default
Outgoing Mailbox			
Order	Controls the order in which the outgoing mailbox is scanned for subscribers with this COS.	lifo (last-in, first-out) fifo (first-in, first-out	fifo
Category Order	Controls the order of outgoing mailbox categories (file cabinet, undelivered, 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. **NOTE:** System automatically removes messages or notifications (cabinet and delivered/nondeliverable) older than the specified retention time.	0 to 999	10
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
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

Name	Description	Valid Entries	Default
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. **NOTE:** This field overrides the value specified with **System-Parameters Features**.	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
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. **NOTE:** To prevent the system message space from being used up with *reserved* space, it is recommended that the default of 0 be used in this field for all or most subscribers.	0 to 9999	0

list COS

The 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



Field Descriptions

Field Name	Description (display only)
Number	Number for this COS.
Name	Class of service name. Initial default COS names, class00 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*

The ***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.

```
drmfb14     Active    Alarms: none  Thresholds: none                  Logins: 3
status disk                                                         Page 1 of 1
                          STATUS DISK

Disk Drive Location: 01B1800
             Status: In service, busy

          Equipped? y
             Ready? y
      Administered? y

            Vendor: SEAGATE
             Model: AT&T ST34520W
          Revision: 1172
          Capacity: 1080
     Write Enabled? y

   Self-Diagnostics: pass
         Write Test: pass
          Read Test: pass
        Verify Test: pass

enter command:
```

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. SCSI ID 01 indicates the hard disk drive. SCSI ID 02 indicates the MO disk drive.	drive location, if entered on the command line, otherwise the default location of the disk drive on the TN568.
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 screen) Unequipped (no disk drive is installed at the specified location) Not a disk device (device other than a disk 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 Error Report 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.

```
drmfb2      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.

```
drmfb14     Active    Alarms: none  Thresholds: none                  Logins: 3
display errors                                                          Page 1
                              ERROR REPORT

Resource   Loc.    Event   Code Ses.  Reporting Resource Data    Date/Time   Cnt
Type               Type         No.   Type     Inst     Source    Recorded
MO_DISK    01B1802 IN_LINE 186  120 TAPEM      1        120058 11/30/98 02:31  1
   Aux = 2          0          MO - file system OK
MO_DISK    01B1802 IN_LINE 195  120 TAPEM      1        60611  11/30/98 02:56  1
   Aux = 2          0          automated_nightly passed
MO_DISK    01B1802 IN_LINE 186  120 TAPEM      1        120058 12/01/98 02:16  1
   Aux = 2          0          MO - file system OK
MO_DISK    01B1802 IN_LINE 195  120 TAPEM      1        60611  12/01/98 02:36  1
   Aux = 2          0          automated_nightly passed
IODEV      01B1800 IN_LINE 35   117 SC_HW_DRV  53       38     12/01/98 10:21  1
   Aux = 0          7          SCSI Bus has been reset
DISK       01B1800 IN_LINE 127  117 SDISK_DRV  53       77826  12/01/98 10:21  1
   Aux = -805306359 0          disk drive hardware error
LANINTF    01B18   MP_FAIL 81   104 MCM        1        0      12/01/98 15:26  1
   Aux = 163        6          Periodic: LAN_LOOP failed:
LANINTF    01B18   MP_FAIL 81   104 MCM        1        0      12/01/98 15:26  1
   Aux = 163        6          Diag. test: LAN_LOOP failed:
Press [NextPage] or [Cancel] to abort
enter command: display errors
```

Field Descriptions

Field Name	Description	Valid Entries
SELECTION PAGE		
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 *DEFINITY AUDIX System Release 4.0 Maintenance*, 585-300-121.	blank valid resource type

Field Name	Description	Valid Entries
Resource Type	Resource type for which the error was reported. Resource types are defined in the *DEFINITY AUDIX System Release 4.0 Maintenance*, 585-300-121.	valid resource type Required if a value is entered in the Location field.
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.

Field Name	Description	Valid Entries
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.	
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 Event Report 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
                                EVENT REPORT

   The following options control which events will be displayed.

            Alarm? y                    Error? y          Event? y

       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.

```
drmfb14     Active    Alarms: none  Thresholds: none                  Logins: 3
display events                                                         Page 1
                              EVENT REPORT

Resource   Loc.    Event   Code Ses.  Reporting Resource Data    Date/Time   Cnt
Type               Type         No.   Type     Inst     Source    Recorded
NIGHT_AUD  01B18   EVENT   239  104 MPM        1        193    11/30/98 02:21  1
   Aux = 39         0          End Audit AUD_SW_NAMES, result MP_ABORTED
NIGHT_AUD  01B18   EVENT   80   104 MCM        1        0      11/30/98 02:21  1
   Aux = 39         1005       Scheduled: AUD_SW_NAMES aborted: No port avail
NIGHT_AUD  01B18   EVENT   239  104 MPM        1        192    11/30/98 02:24  1
   Aux = 79         0          Starting Audit AUD_SWXLAT
NIGHT_AUD  01B18   EVENT   239  104 MPM        1        193    11/30/98 02:24  1
   Aux = 79         0          End Audit AUD_SWXLAT, result MP_PASSED
NIGHT_AUD  01B18   EVENT   239  104 MPM        1        192    11/30/98 02:24  1
   Aux = 102        0          Starting Audit SAVE_NIGHTLY
MO_DISK    01B1802 IN_LINE 186  120 TAPEM      1        120058 11/30/98 02:31  1
   Aux = 2          0          MO - file system OK
MO_DISK    01B1802 EVENT   181  120 TAPEM      1        60475  11/30/98 02:55  1
   Aux = 1161       0          Hit 2 changing file(s) during save nightly
MO_DISK    01B1802 IN_LINE 195  120 TAPEM      1        60611  11/30/98 02:56  1
   Aux = 2          0          automated_nightly passed
Press [NextPage] or [Cancel] to abort
enter command: display events
```

Field Descriptions

Field Name	Description	Valid Entries
SELECTION PAGE		
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.		
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 nonalarm 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 *DEFINITY AUDIX System Release 4.0 Maintenance*, 585-300-121.	blank valid resource type
Resource Type	Resource type for which the event was reported. Resource types are defined in the *DEFINITY AUDIX System Release 4.0 Maintenance*, 585-300-121.	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.

Field Name	Description	Valid Entries
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.	
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 nonservice 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.	

Field Name	Description	Valid Entries
Reporting Resource Data		
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, 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. 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.

change Extensions

The Change Extensions screen allows the administrator to change a customer's switch dialing plan without changing every subscriber's extension. The administrator also uses the Change Extensions screen to change a block of subscriber extensions from one range of extensions to another range. The administrator must specify the machine on which the subscribers are known to exist, the beginning range of extensions to be changed, the ending range of extensions to be changed, and the new beginning extension. The Change Extensions screen is available on an AUDIX state.

change extensions

```
drmfb2      Active    Alarms:  mwA  Thresholds: none                  Logins: 2
change extensions                                                   Page 1 of 1
                              CHANGE EXTENSIONS

                     Machine Name:

Change extensions beginning with:              Ending with:

 To new extension beginning with:              Ending with:


                                PROGRESS REPORT

              Changed extensions from:                 through:
                                  to:                  through:
          Number of extensions changed:

          Changing covering extensions?
Number of changed covering extensions:



Voice ports are not out of service
enter command: change extensions
1Cancel  2Refresh  3Enter  4ClearFld 5Help  6Choices  7NextPage 8PrevPage
```

The following field descriptions include data to be entered if a customer is switching from a 4-digit dialing plan to a 5-digit dialing plan for the switch in which the DEFINITY AUDIX System is located.

Field Descriptions

Field Name	Description	Valid Entries
Machine Name	Name of the local machine.	Local machine name or the key word *local.*
Change extensions beginning with		0000
(Change extensions) Ending with		9999
New extension beginning with		80000
(New extension) ending with	Display-only field that is calculated by the screen.	89999 (for this example)
Progress Report	Periodically displays the progress of the change extension operation, showing the number of extensions changed, and the range of extensions changed.	None
Number of extensions changed	After successful completion or by an error condition, shows the number of subscriber extensions changed and the range of extensions that were changed.	None

If the administrator is moving a block of remote subscribers extensions from one range of extensions to another, the Field Descriptions table would be completed in a similar way. The Machine Name field would then include the name of the local machine on which the entire block of subscribers exist.

Additional Specifications

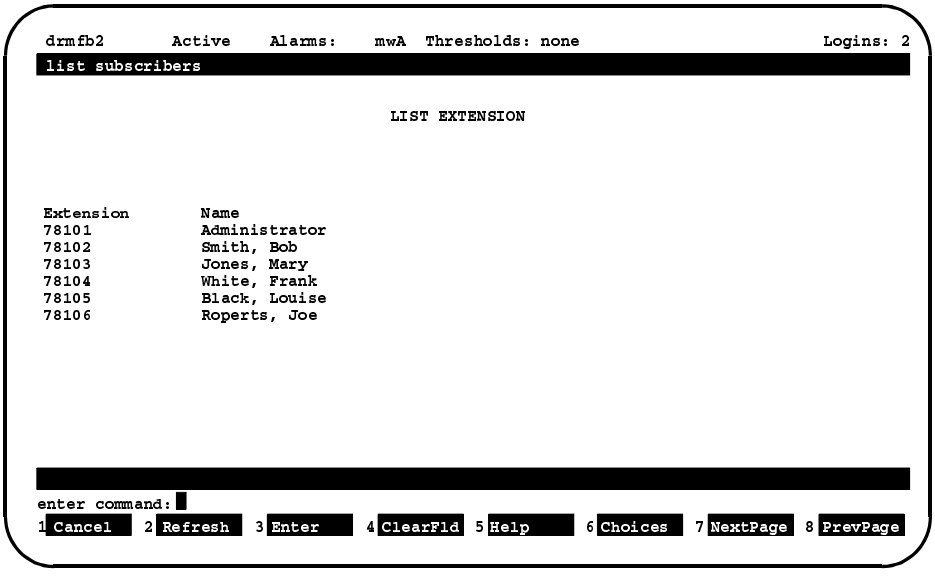
Before using the Change Extensions screen, all voice and networking ports should be busied-out. The administrator must change the extension length of the machine in question, if necessary. If the mentioned machine is the local machine, the covering extensions that fall within the range specified will be changed for all local subscribers. Auto-attendant button definitions; voice and networking port administration; system covering extensions; and any other administration that mentions an extension need to be changed manually. The Change Extension screen changes only the extension of a subscriber and the covering extension if necessary. Subscribers may have to manually change their outcalling numbers.

list Extensions

The List Extension 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*

Here, ***extension*** is the extension number that begins the list.



Field Descriptions

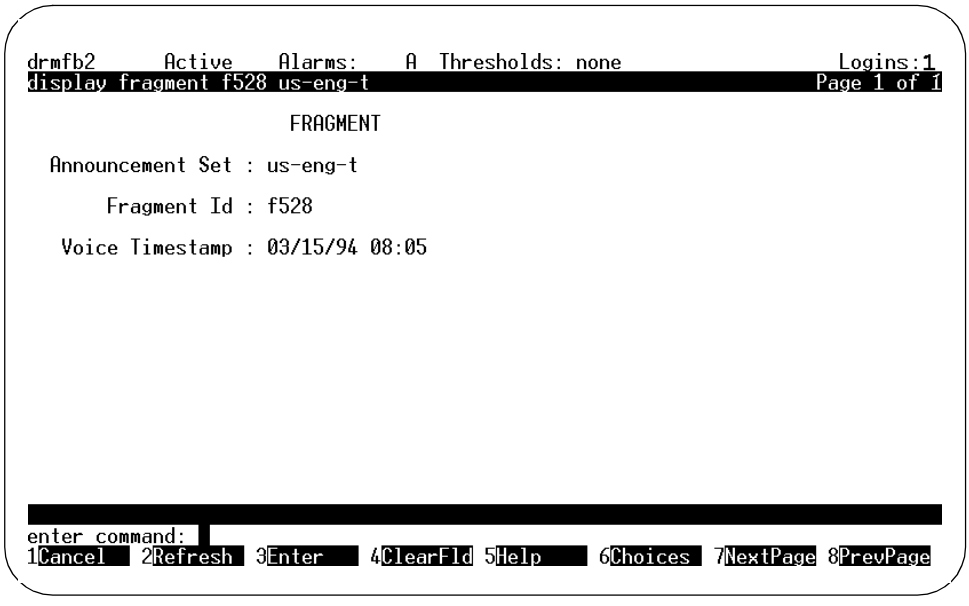
Field Name	Description (display only)
Extension	Extension numbers of the local subscribers. List begins with the extension specified in the command line, or with the numerically lowest extension number if an extension is not specified on the command line.
Name	Names associated with the listed extensions.

display Fragment

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

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

The ***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.



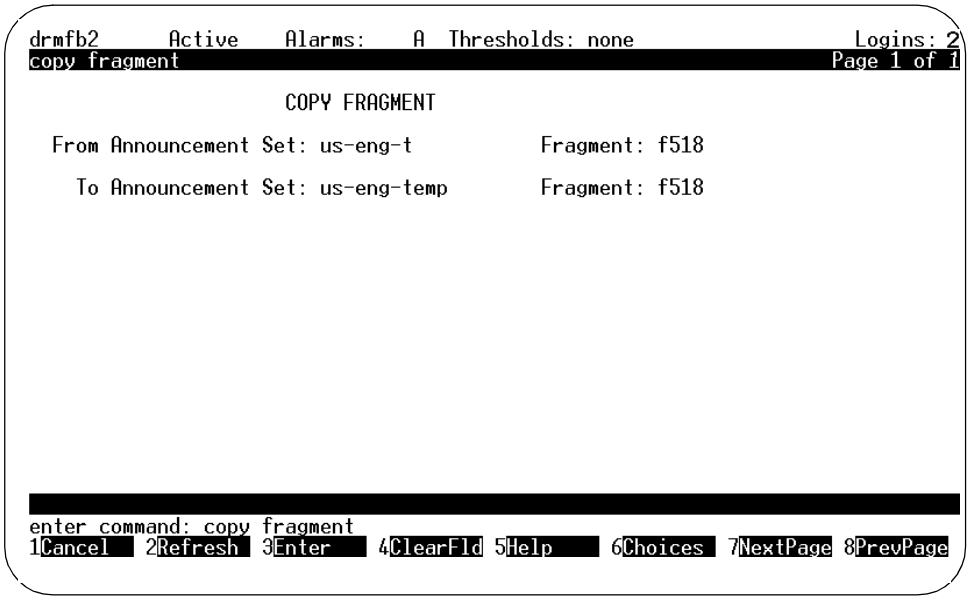
Field Descriptions

Field Name	Description (display only)
Announcement Set	Announcement set for the displayed fragment. The administrative annc. set is used if ***annc-set-name*** is not entered on the command line.
Fragment Id	The ***fragment-id*** 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



Field Descriptions

Field Name	Description	Valid Entries
NOTE: 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 AUDIX Command Line 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.

```
drmfb14     Active    Alarms: none  Thresholds: none                  Logins: 3
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
```

```
drmfb14     Active    Alarms: none  Thresholds: none                  Logins: 3
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 of any item and pressing the [Choices] key or the
          [Return] key or the [Enter] key when the desired item is marked.




Press [PrevPage] for information about help available on the command line.

Press [CANCEL] to return to command entry
enter command: help
```

test LAN

The Test LAN Results screen tests the local area network (LAN). These screens are available only 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 that 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 that 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** *will 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. The host sends 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.

The ***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

                                                 Most Recent          Test Counters:
 Resource   Loc.     Test Name                   Test Result          Pass Fail Abort
 LANINTF    03C08    Get hardware ID                                    0    0    0
 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 F1 (Cancel) to abort the tests and return to the command line.
2. Wait for the test series to complete.
3. Press F3 (Enter) 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.

display Machine

The Machine Profile screen is used to change or display a DEFINITY AUDIX machine. This applies to both local and remote machines. You can also add or remove a local or remote for AMIS networking or digital networking. (Use **list Machines** to see machines administered on your AUDIX network.)

add machine *machine-name*
change machine
change machine *machine-name*
display machine
display machine *machine-name*
remove machine *machine name*

These functions can be performed on the screen below. The **list machine** and **test machine** use different screens. These appear later in the **Machine** section.

NOTE:
The **remove** and **add** versions of this screen can be activated only if the AMIS analog or digital networking feature has been activated on the System-Parameters Customer Options screen by Lucent Technologies personnel.

The Machine Profile screen has two pages.

```
drmfb22     Active    Alarms: MmwA  Thresholds: none                  Logins: 4
display machine                                                    Page 1 of 2
                              MACHINE PROFILE

Machine Name: drmfb22      Machine Type: audix          Location: local

 Voiced Name? n         Extension Length: 5
    Voice ID: 0       Default Community: 1

ADDRESS RANGES
    Prefix                  Start Ext.   End Ext.        Warnings
1:                          00000        99999
2:
3:
4:
5:
6:
7:
8:
9:
10:

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

The second page of the Machine Profile screen is enabled if the value of the Machine Type field, on the first page of the screen, is amisap, amisac, or calld. (See the Machine Type field description.)

```
drmfb14     Active    Alarms: none  Thresholds: none                  Logins: 3
display machine                                                     Page 2 of 2
                              MACHINE PROFILE

NETWORK CONNECTION PARAMETERS
 Dial String: 63017
Modem String:

Data Rate: 64000                    Password: drmfb14

Log Connect Events? n               Network Turnaround? n

Updates In? n  Out? n     Allow Automatic Full Updates? y









enter command: display machine
```

Field Descriptions

Field Name	Description	Valid Entries
PAGE 1		
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 **change** or **display**
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
Address Ranges		
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

Field Name	Description	Valid Entries
PAGE 2		
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.
Modem String	String to be sent by AUDIX to initialize a modem	0-65 alphanumeric characters (any printable ASCII characters.) Default is null.
Data Rate	The data rate to be used for an outgoing network call to this machine. This can also be used for loop-around testing on the local machine.	9600 19200 56000 64000
Log Connect Events	Indicates whether this local audix will log network connection events for any remote audix machine	y - connection enabled n - connection disabled This field can only be set to ‘y’ if digital networking is enabled.
Password	For local machine, this is the password that remote machines must use when establishing networking connections.	5 - 10 alphanumeric characters
Network Turnaround	Indicates whether a network connection that originated from this local audix is allowed to turn around after the local audix has sent all its network data to any remote audix.	y - turnaround enabled n - turnaround disabled This field can only be set to ‘y’ if digital networking is enabled.

Field Name	Description	Valid Entries
Updates In	Indicates whether this local audix will accept updated subscriber database information from any remote machine.	y - updates enabled n - updates disabled For a remote machine, this field indicates whether to accept updates from that machine. If this field is set to 'n' on the local machine, updates will not be accepted from any remote machine regardless of the setting on that machine. Automatic full updates from a remote machines will be made if this field and the 'Updates Out' field are set to 'y'.
Updates Out	Indicates whether subscriber information updates for a local subscribers may be sent to a remote machine.	y - updates enabled n - updates disabled For a remote machine, this field indicates whether the local machine should send updates to that machine. If this field is set to 'n' on the local machine, updates will not be sent to any remote machine.
Allow Automatic Full Updates	Allows this machine to automatically generate requests for full updates from remote machines.	y - allows full updates n - halts full updates If 'n' is entered, all remote update activity will be AUDIX halted.

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*

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

```
drmfb2      Active    Alarms:  mwA  Thresholds: none                  Logins: 2
list machines
                                LIST MACHINES

            Machine      Machine Type   Voice ID   Callback No.
            amis3        amisac           10           1
            drmfb2       audix            0            N/A
            drmfb20      audix            14           N/A
            drmfb22      audix            9            N/A
            drmfb4       audix            11           N/A
            mini6        audix            15           N/A

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

Field Descriptions

Field Name	Description (display only)
Machine Name	Name of the local or remote machine.
Machine Type	Type of local or 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.

Remote Machine

The Machine Profile screen is used to add, change, display, or remove a remote DEFINITY AUDIX machine for AMIS networking and digital networking. The DEFINITY AUDIX knows the difference between a remote and local machine by the machine name given to the individual machine. (Use **list Machines** to see machines administered on this AUDIX network.)

add machine *machine-name*
change machine *machine name*
display machine *machine-name*
remove machine *machine name*

There are two screens that contain the remote machine information. Page 2 is nearly the same as page 1. The entries are slightly different for a remote machine.

Page 1 of the remote Machine Profile is displayed below.

```
drmfb2      Active    Alarms:  mwA  Thresholds: none                  Logins: 2
display machine drmfb22                                            Page 1 of 2

                              MACHINE PROFILE

Machine Name: drmfb22      Machine Type: audix           Location: remote

 Voiced Name? n         Extension Length: 5
    Voice ID: 9       Default Community: 1

ADDRESS RANGES
    Prefix                  Start Ext.   End Ext.        Warnings
1:                          22000        22999
2:
3:
4:
5:
6:
7:
8:
9:
10:

enter command: display machine drmfb22
1Cancel  2Refresh  3Enter  4ClearFld 5Help  6Choices  7NextPage 8PrevPage
```

The fields for page one are the same as those for a local machine. See "Field Descriptions" in the "display Machine" section for a description of these fields.

Page two of the remote Machine Profile for digital networking is displayed below.

```
drmfb14     Active    Alarms: MmwA  Thresholds: none                  Logins: 2
display machine drmfb15                                            Page 2 of 2
                              MACHINE PROFILE

NETWORK CONNECTION PARAMETERS
 Dial String: 64019
Modem String:

Data Rate: 64000       Password: drmfb15

Message Transmission Schedule (hh:mm)
  1.  Start: 00:00     End: 23:59     Interval: 00:05
  2.  Start:   :       End:   :       Interval:   :
  3.  Start:   :       End:   :       Interval:   :

Send to Non-Administered Recipients? n

Log Connect Events? n

Network Turnaround? n

Updates In? n  Out? n

enter command: display machine drmfb15
```

See *DEFINITY AUDIX System Digital Networking*, 585-300-534, for a more detailed description of the fields on page two of this form.

Field Name	Description (display only)	Valid Values
Page 2		
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 “Pan”, 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 digital networking casual or message delivery machines and digital networking 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.
Modem String	Leave blank. This field is currently not being used. Do not confuse this with the remote maintenance modem initialization string, which is entered on the System Parameters Maintenance screen.	none

Callback Number	The choice of the callback numbers which are preadministered on the analog network form. For machine type 'calld' this field is ignored.	1 to 5 and must reference to a nonblank callback number except default callback number 1.
Data Rate	Enter the data rate to be used for an outgoing network call to this DEFINITY AUDIX system. This data rate is used to select a network group for outgoing calls, so this should match a data rate administered for a network group on the Network Group screen.	DCP Mode 1 = **56000** Kbps DCP Mode 2 = **9600** or **19200** bps DCP Mode 3 = **64000** Kbps
Password	Enter the password the remote system must use when establishing a networking connection to the local DEFINITY AUDIX system.	
Message Transmission Schedule	*Start Time* – Enter the starting time for a message transmission period to the remote system (such as 00:01 for one minute after midnight). *End Time* – Enter the ending time for a message transmission period to the remote system such as 23:59 for one minute before midnight). *Interval* – Enter the interval at which the local DEFINITY AUDIX system will call this remote system (such as 00:05 for every 5 minutes). The DEFINITY AUDIX system checks the queue at this interval (such as every 5 minutes) and calls the remote system if something is in the queue for this remote system. It is recommended that you set up different start times and intervals for each remote system so the local DEFINITY AUDIX system is not trying to call all remote systems at the same time.	
Send to Non-Administered Recipients	Enter **y** if the DEFINITY AUDIX system will attempt to deliver messages to nonadministered remote recipients. Enter **n** if messages cannot be sent to nonadministered recipients.	

Log Connect Events	Enter **y** if this local DEFINITY AUDIX system will create an entry in the administration log for each network connection event (connections and failures) to this remote system. This field must be set to **y** on the local Machine Profile screen. You may want to set to **n** if this will create too many entries in the administration log.	y or n
Network Turnaround	Enter **y** if a network connection that originated from this remote system is allowed to turn around after the remote system has sent all of its network data to the local DEFINITY AUDIX system. The local DEFINITY AUDIX system may then return update information, voice mail, and status on the same connection. This feature reduces toll charges and increases the efficiency of the system in networks with more than 10 machines. Network Turnaround must be set to **y** on the local Machine Profile screen for this feature to work between the local DEFINITY AUDIX system and the remote system.	y or n
Updates In	Enter **y** if the local system will accept updated database information from the remote DEFINITY AUDIX system (provided the Updates Out field on the local system is set to **y**).	y or n
Updates Out	Enter **y** if the local system will send updated database information to the remote DEFINITY AUDIX system (provided the Updates In field on the local system is set to **y**.)	y or n

test Machine

The Test Machine Results screen is used to test network connectivity for digital networked machines. This screen tests the connectivity to the machine identified by the machine ID. The machine ID can either be the administered name, or voice ID of any digitally networked machine. If a port ID is specified, that port will be tested if available. Otherwise, the first available networking port will be used to perform the test.

test machine *machine ID*
test machine *machine ID* network-port *port ID*

```
drmfb2      Active    Alarms:  mwA  Thresholds: none                  Logins: 2
test machine drmfb2                                                  Page 1 of 1
                              TEST MACHINE RESULTS          Date: 07/19/95 09:02


     Machine: drmfb2                              Network Port: 01A0201
    Voice ID: 0
 Dial String: 661,661,72111


                                        Most Recent              Test Counters:
Resource   Loc.     Test Name           Test Result              Pass Fail Abort
MACHINE    0        Test connection                                0    0    0









Press [Enter] to execute
enter command: test machine drmfb2
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage
```

Field Name	Description
Date	Date the test was invoked
Time	Time the test was invoked
Machine	The name of the machine being tested
Network Port	The port ID of the digitally networked machine being tested
Voice ID	The voice ID of the digitally networked machine being tested
Dial String	String of digits used when the DEFINITY AUDIX System dials the machine to establish a call for networking.

Field Name	Description
Resource	MACHINE
Loc	The voice ID of the machine.
Results:	The two fields describing the results of the most recently run test. The first field is a single character containing.
Most Recent	A = Aborted F = Fail P = Pass R = running
Test Results	The second field contains additional information on the most recent step of the test. Pass = number of times the given test passed Fail = number of times the given test failed Abort = number of times the given test aborted

Function Keys

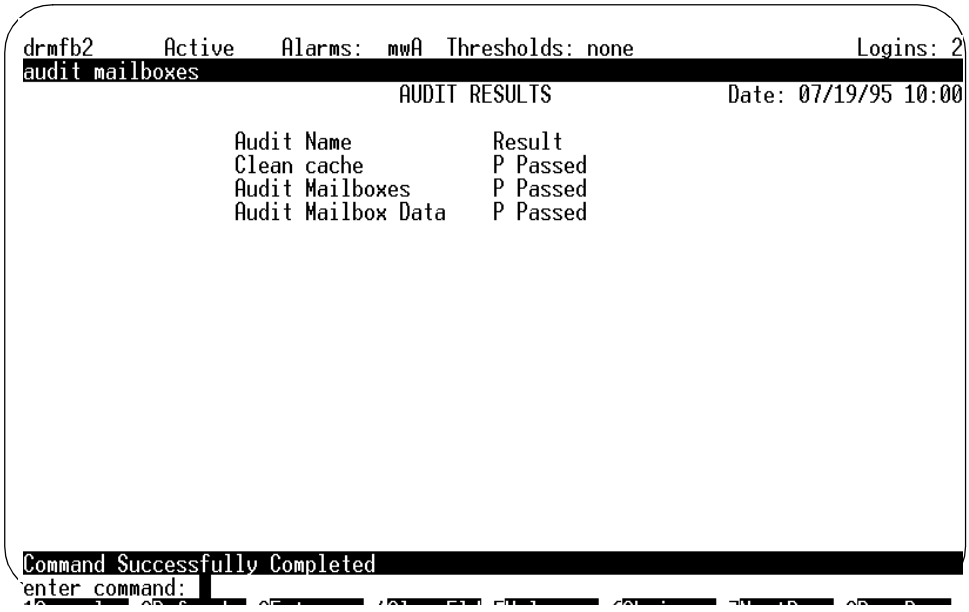
Initially, pressing Cancel returns the user to the command line without executing the test. Pressing Enter starts the tests. While the tests are running, pressing Cancel aborts the tests and returns the user to the command line. Pressing the Enter key puts the tests in the background and returns the user to the command line.

The ***status test*** command reconnects to the Test Machine Results screen and displays the results of the most recently test run.

audit Mailboxes

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

audit mailboxes



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.
Clean Cache	Writes data to disk.
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 F3 (Enter).
2. Press F3 (Enter) to execute the audit or press F1 (Cancel) 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 F1 (Cancel) to abort the audit and exit the screen.
    b. While the audit is running, press F3 (Enter) 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 F1 (Cancel) aborts the audit and pressing F3 (Enter) makes the audit a background process. While the audit is running in the background you can activate other (nonaudit) screens or you can reactivate the audit screen by typing **status audit**.

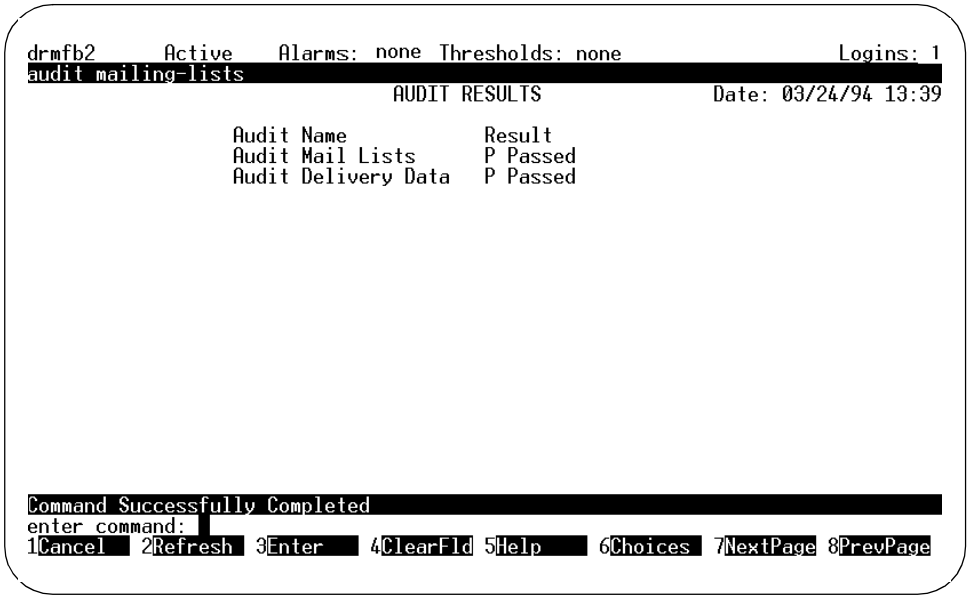
If the audit fails, the take following steps (in the order shown) to correct the problem:

1. Resolve any active alarms and rerun the audit.
2. If the audit fails again, contact the TSO.
3. If the TSO 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 Results screen initiates a demand audit on each subscriber's mailing lists and displays the results of the audit.

audit mailing lists



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)

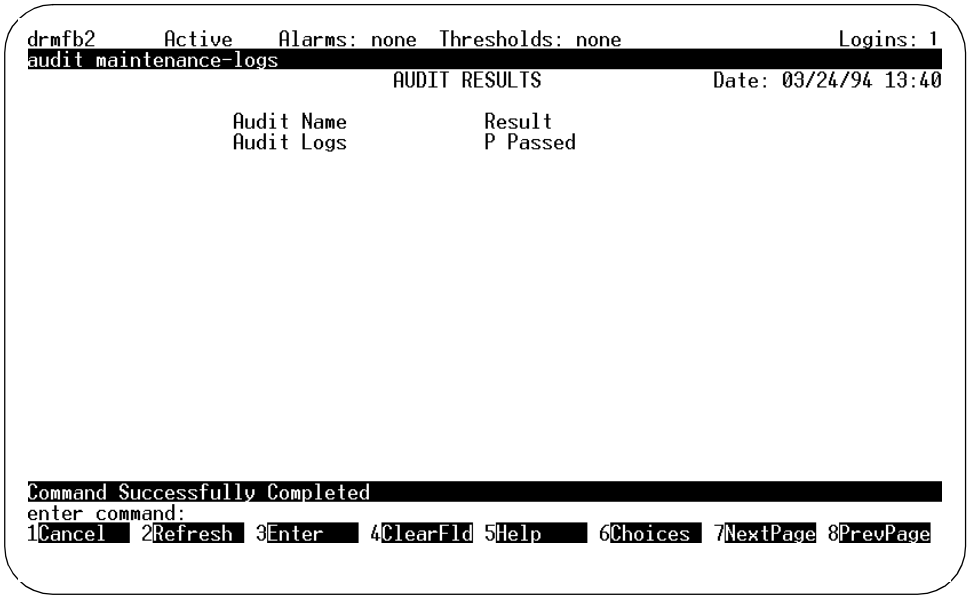
Sample Tasks/Additional Specifications

Same as **audit Mailboxes**

audit Maintenance-Logs

The Audit Results screen initiates a demand audit on the maintenance logs and displays the results of the audit.

audit maintenance logs



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. When the feature is on, 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*

The ***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.

```
drmfb2      Active    Alarms:    A  Thresholds: none                  Logins: 2
list measurements community day
                              COMMUNITY DAILY TRAFFIC
Date : 03/24/94                 Ending Time :  13:42

                  Number of Voice Mail Messages
Community ID    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.
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. When the feature is on, 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*

The ***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.

```
drmfb2      Active    Alarms:    A  Thresholds: none                  Logins: 2
list measurements community hour
                        COMMUNITY HOURLY TRAFFIC
 Date : 03/24/94      Hour : 13               Ending Time : 13:43

                Number of Voice Mail Messages
Community ID    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

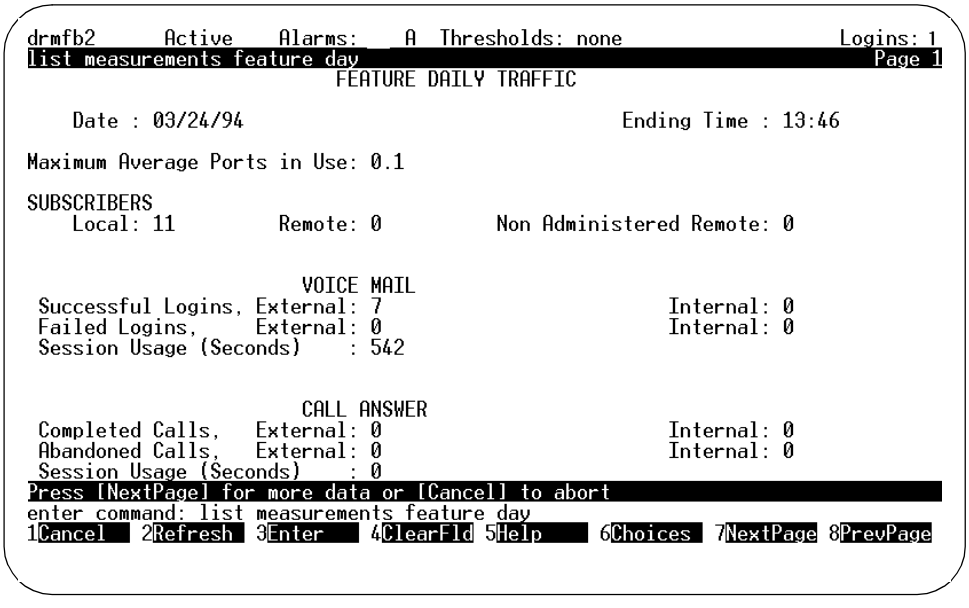
Field Name	Description (display only)
This screen displays information for the specific date and hour entered on the command line or in the Date and Hour fields. (Defaults to current date and current hour.)	
Date	Starting date for the traffic report. This is the date entered on the command line, or the current date if no date was entered.
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.



```
drmfb2      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)
PAGE 1	
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	Displays the average number of ports that were simultaneously in use during the busiest hour of the day selected.
SUBSCRIBERS	
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 nonadministered remote subscribers on the DEFINITY AUDIX System.

Field Name	Description (display only)
VOICE MAIL	
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.
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 (that is, 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.

Field Name	Description (display only)
Priority Messages	
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.
Private Messages	
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.
CALL ANSWER	
Total Messages	
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*

The ***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.

```
drmfb2      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
```

```
drmfb2      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)
PAGE 1	
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.
SUBSCRIBERS	
Local	Total number of local subscribers administered on the DEFINITY AUDIX System.
Remote	Total number of remote subscribers administered on the DEFINITY AUDIX System.
Non Administered Remote	Total number of nonadministered remote subscribers on the DEFINITY AUDIX System.

Field Name	Description (display only)
VOICE MAIL	
Successful Logins	
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.)
Failed Logins	
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.
CALL ANSWER	
Complete Calls	
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.)
Abandoned Calls	
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.
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 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.

Field Name	Description (display only)
Login Announcements	
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.
Priority Messages	
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.
Private Messages	
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.
CALL ANSWER	
Total Messages	
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 Network-Load Day

The Network Load Daily Traffic screen is used to report the network port traffic loads for either day or hour.

list measurement network load day *current date*
list measurement network load day *mm/dd/yy*

```
drmfb17     Active    Alarms:  mwA  Thresholds: lower                Logins: 2
list measurements network-load day
                        NETWORK LOAD DAILY TRAFFIC

    Date : 06/24/95                            Ending Time: 11:49

Total Message Transmission Threshold Exceptions: 0
Total Message Transmission Limit Exceptions    : 0
Remote Deliveries Rescheduled                  : 0
Maximum Simultaneous Channels                  : 1
Total Incoming Calls Unanswered                : 0
Total Remote Undeliverable Messages            : 0



NETWORK CHANNEL        USAGE (SECONDS)             PEG COUNT (NUMBER OF CALLS)
Number  Type     Incoming  Outgoing    Total       Incoming  Outgoing   Total
  1:     dcp       0         0          0           0         0         0
  2:     dcp       0         0          0           0         0         0




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

Field Descriptions

Field Name	Description (display only)
Ending Time	The time at which the traffic collection ended.
Total Message Transmission Threshold Exceptions	Displays the number of times any node exceeded the specified message transmission threshold.
Total Message Transmission Limit Exception	Displays the number of times any node exceeded the message transmission limit specified for that node.
Remote Deliveries Rescheduled	Displays the number of messages that have been rescheduled for transmission because of transmission difficulties or space limitations on the remote node.

Field Name	Description (display only)
Maximum Simultaneous Channels	Displays the number of networking channels that were active during the specified record collection period.
Total Incoming Calls Unanswered	Displays the number of incoming calls that could not be answered due to the networking channel being in use when the call came in.
Total Remote Undeliverable Messages	Displays the total number of messages that were not deliverable to the remote machine.
NETWORK CHANNEL, USAGE (SECONDS)	
Number	Number of the networking channel being displayed
Type	Administered or non-administered
Incoming	Displays the total number of seconds for incoming calls for the collection period.
Outgoing	Displays the total number of seconds for outgoing call for the collection period.
Total	Displays the total number of seconds that the network channel was active during the specified record collection period
PEG COUNT (NUMBER OF CALLS)	
Incoming	Displays the total number of incoming calls for the collection period.
Outgoing	Displays the total number of outgoing calls for the collection period.
Total	Displays the total number of calls on the network channel during the specified record collection period.

list Measurements Network-Load Hour

The Network Load Hourly Traffic screen is used to display the network traffic loads for either day or hour. The screen below displays the traffic load for hourly traffic. The screen for daily traffic is nearly the same, but the full month, day, and year needs to be entered in order to display the data.

list measurement network load day mm/dd/yy
list measurement network load hour *mm/dd/yy hh*

```
drmfb22     Active    Alarms: MmwA  Thresholds: none                  Logins: 3
list measurements network-load hour
                        NETWORK LOAD HOURLY TRAFFIC

    Date : 06/22/95    Hour: 09                    Ending Time: 09:36

Total Message Transmission Threshold Exceptions: 0
Total Message Transmission Limit Exceptions    : 0
Remote Deliveries Rescheduled                  : 0
Maximum Simultaneous Channels                  : 0
Total Incoming Calls Unanswered                : 0
Total Remote Undeliverable Messages            : 0



NETWORK CHANNEL        USAGE (SECONDS)            PEG COUNT (NUMBER OF CALLS)
Number  Type     Incoming  Outgoing    Total      Incoming  Outgoing   Total
  1:     dcp      0         0          0          0         0          0
  2:     dcp      0         0          0          0         0          0




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

Field Descriptions

Field Name	Description (display only)
Ending Time	The time at which the traffic collection ended.
Total Message Transmission Threshold Exceptions	Displays the number of times any node exceeded the specified message transmission threshold.
Total Message Transmission Limit Exception	Displays the number of times any node exceeded the message transmission limit specified for that node.
Remote Deliveries Rescheduled	Displays the number of messages that have been rescheduled for transmission because of transmission difficulties or space limitations on the remote node.
Maximum Simultaneous Channels	Displays the number of networking channels that were active during the specified record collection period.
Total Incoming Calls Unanswered	Displays the number of incoming calls that could not be answered due to too the networking channel being in use when the call came in.
Total Remote Undeliverable Messages	Displays the total number of messages that were not deliverable to the remote machine.
NETWORK CHANNEL, USAGE (SECONDS)	
Number	Number of the networking channel being displayed.
Type	Administered or non-administered.
Incoming	Displays the total number of seconds for incoming calls for the collection period.
Outgoing	Displays the total number of seconds for outgoing call for the collection period.
Total	Displays the total number of seconds that the network channel was active during the specified record collection period.
PEG COUNT (NUMBER OF CALLS)	
Incoming	Displays the total number of incoming calls for the collection period.
Outgoing	Displays the total number of outgoing calls for the collection period.
Total	Displays the total number of call on the network channel during the specified record collection 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*

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.

```
drmfb2      Active    Alarms:  mwA  Thresholds: none                  Logins: 2
list measurements load day                                            Page 1

                            LOAD DAILY TRAFFIC

                    Date : 07/19/95              Ending Time: 10:42

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 (hours)   Free (hours)
      Total Storage          :     2.3            13.7
         Message Storage     :     0.0
         Voiced Name Storage :     0.2                      % Remote: 97
         Announcement Storage:     2.0

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

```
drmfb14     Active    Alarms: none  Thresholds: none                  Logins: 3
list measurements load day
                              LOAD DAILY TRAFFIC

Port Usage Data (Seconds)
     1- 6:   0      0      0      0      0      0
     7-12:   0      0      0      0      0      0



Port Peg Count Data (Number of Calls)
     1- 6:   0      0      0      0      0      0
     7-12:   0      0      0      0      0      0









enter command:
```

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.
TOTAL SUBSCRIBER	
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 *lower message space* threshold warnings issued to subscribers.
Message Space, Upper	Number of *upper message space* threshold warnings issued to subscribers.
Subscribers Over Threshold	Number of subscribers that exceeded one or more of the message-space.

Field Name	Description (display only)
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 (hours)	Maximum number of blocks in use in the voice text file system.
System Storage Free (hours)	Amount of free space available at the time the maximum number of blocks were in use in the voice text file system.
Message Storage	Displays the maximum number of hours in use for all the messages during the time period being reported.
Voiced Name Storage	Displays the maximum number of hours in use for all the names during the time period being reported.
% Remote	Displays the percentage of the name storage used to store remote names.
Announcement Storage	Displays the maximum number of hours in use for the announcement during the time period being reported.
PAGE 2	
Port Usage Data (Seconds)	Number of seconds that each port was in use during the reporting period. Twelve port usage values are displayed, corresponding to ports 1 to 12.
Port Peg Count Data (Number of Calls)	Number of calls that each port handled during the reporting period. Twelve port peg count values are displayed, corresponding to ports 1 to 12.

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*

The ***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.

```
drmfb2      Active    Alarms:  mwA  Thresholds: none                  Logins: 2
list measurements load hour                                          Page 1
                              LOAD HOURLY TRAFFIC

    Date : 07/19/95    Hour: 12                    Ending Time: 12:08

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 (hours)   Free (hours)
      Total Storage          :     2.3            13.7
         Message Storage     :     0.0
         Voiced Name Storage :     0.2                      % Remote: 97
         Announcement Storage:     2.0

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

```
drmfb14     Active    Alarms: none  Thresholds: none                  Logins: 3
list measurements load hour
                              LOAD HOURLY TRAFFIC

Port Usage Data (Seconds)
     1- 6:   0      0      0      0      0      0
     7-12:   0      0      0      0      0      0




Port Peg Count Data (Number of Calls)
     1- 6:   0      0      0      0      0      0
     7-12:   0      0      0      0      0      0









enter command:
```

Field Descriptions

Field Name	Description (display only)
PAGE 1	
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.
TOTAL SUBSCRIBER	
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 *lower message space* threshold warnings issued to subscribers.
Message Space, Upper	Number of *upper message space* threshold warnings issued to subscribers.

Field Name	Description (display only)
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	
System Storage Used (hours)	Maximum number of blocks in use in the voice text file system. Maximum number of blocks available for use in the voice text file system.
Total Storage Free (hours)	Displays the maximum number of hours in use in all the voice text file systems during the time period being reported.
Message Storage	Displays the maximum number of hours in use for all the messages during the period being reported.
Voiced Name Storage	Displays the maximum number of hours in use for all the names during the time period being reported.
% Remote	Displays the percentage of the name storage used to store remote names.
Announcement Storage	Displays the maximum number of hours in use for the announcements during the time period being reported.
PAGE 2	
Port Usage Data (Seconds)	Number of seconds that each port was in use. Twelve port usage values are displayed, corresponding to ports 1 to 12.
Port Peg Count Data (Number of Calls)	Number of calls that each port handled. Twelve port peg count values are displayed, corresponding to ports 1 to 12.

list Measurements Remote-Messages Day

The Remote Messages Daily Traffic screen displays up to eight days (from the date entered) of information about message traffic between the local DEFINITY AUDIX System and the named remote machine. The information is presented for prime and nonprime time periods.

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

The ***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.

- Press F7 (Next Page) to move forward from the date entered to the current date.
- Press F8 (Previous Page) to move backward from the current date to the date entered.

NOTE:
This screen can be activated only if the AMIS analog networking feature and/or the Digital Networking feature has been activated by Lucent Technologies personnel on the System-Parameters Customer Options screen.

```
drmfb2      Active    Alarms:  mwA  Thresholds: none                  Logins: 2
list measurements remote-messages day drmfb20
                        REMOTE MESSAGES DAILY TRAFFIC

Machine Name : drmfb20                          Machine Type: audix
        Date : 07/19/95                         Ending Time : 15:33

                    LOCAL ORIGINATION       REMOTE ORIGINATION
                    Prime   Non-Prime       Prime    Non-Prime
Transfer Sessions: 216     231             0        0
Usage (seconds)  : 2670    2862            0        0
Average Usage    : 12      12              0        0
Messages Sent    : 0       0               0        0
Messages Rejected: 0       0               0        0
Status Sent      : 0       0
Status Received  :                         0        0
Admin Updates    : 0       0               0        0

Message Transmission Threshold Exceptions: 0
Session Failures      Far End "No Answer": 447
Message Queued        Voice Mail: 0        Status: 0

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

To move forward from the date entered to the current date, Press F7, (Next Page). To move backward from current date to the date entered, Press F8 (Prev Page).

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 is 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.
LOCAL ORIGINATION, Transfer Sessions	
Prime	Number of prime time transfer sessions of local origination.
Non-Prime	Number of nonprime transfer sessions of local origination.
REMOTE ORIGINATION, Transfer Sessions	
Prime	Number of prime time transfer sessions of remote origination.
Non-Prime	Number of nonprime transfer sessions of remote origination.
LOCAL ORIGINATION, Usage	
Prime	Number of seconds for all prime time message transfer sessions of local origin.
Non-Prime	Number of seconds for all nonprime message transfer sessions of local origin.
REMOTE ORIGINATION, Usage	
Prime	Number of seconds for all prime time message transfer sessions of remote origin.
Non-Prime	Number of seconds for all nonprime message transfer sessions of remote origin.
LOCAL ORIGINATION, Average Usage	
Prime	Average number of seconds for all prime time message transfer sessions of local origination.
Non-Prime	Average number of seconds for all nonprime message transfer sessions of local origination.
REMOTE ORIGINATION, Average Usage	
Prime	Average number of seconds for all prime time message transfer sessions of remote origination.
Non-Prime	Average number of seconds for all nonprime message transfer sessions of remote origination.
LOCAL ORIGINATION, Message Sent	
Prime	Total number of prime time messages from the local machine actually sent to the remote machine.

Field Name	Description (display only)
Non-Prime	Total number of nonprime messages from the local machine actually sent to the remote machine.
REMOTE ORIGINATION, Messages Sent	
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 nonprime messages from the remote machine actually received by the local DEFINITY AUDIX machine that occurred during the record collection period.
LOCAL ORIGINATION, Message Rejected	
Prime	Total number of prime time messages rejected by the remote machine.
Non-Prime	Total number of nonprime messages rejected by the remote machine.
REMOTE ORIGINATION, Message Rejected	
Prime	Total number of prime time messages rejected by the local machine.
Non-Prime	Total number of nonprime messages rejected by the local machine.
LOCAL ORIGINATION, Status Sent	
Prime	Number of prime time status reports sent by the local DEFINITY AUDIX machine for messages originated by the remote machine.
Non-Prime	Number of nonprime status reports sent by the local DEFINITY AUDIX machine for messages originated by the remote machine. **NOTE:** 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
REMOTE ORIGINATION, Status Received	
Prime	Number of prime time status reports received by the local DEFINITY AUDIX machine for messages the local machine sent to the remote DEFINITY AUDIX machine.
No-Prime	Number of nonprime status reports received by the local DEFINITY AUDIX machine for messages the local machine sent to the remote DEFINITY AUDIX machine.
LOCAL ORIGINATION, Admin Updates	
Prime	Number of prime time deltas sent by the local DEFINITY AUDIX System to the remote system. (Applies to digital networking machines only.)
Non-Prime	Number of nonprime time deltas sent by the local DEFINITY AUDIX System to the remote system. (Applies to digital networking machines only.)

Field Name	Description (display only)
REMOTE ORIGINATION, Admin Updates	
Prime	Number of prime time deltas sent by the remote machine to the local DEFINITY AUDIX. (Applies to digital networking machines only.)
Non-Prime	Number of nonprime time deltas sent by the remote machine to the local DEFINITY AUDIX. (Applies to digital networking machines only.)
Message Transmission Threshold Exceptions	Total number of times the local node exceeded its message transmission threshold with the specified remote machine.
Session Failures Far End "No Answer"	Total number of unsuccessful call attempts from the local DEFINITY AUDIX machine to the remote machine.
Messages Queued	Voice Mail: Displays the number of voice mail messages in queue to send to the remote machine. (Applies to digital networking machines only.) Status: Displays the number of status messages in queue to send to the remote machine. (Applies to digital networking machines only.)

list Measurements Remote-Messages Month

The Remote Messages Monthly Traffic screen displays information (from the month entered) about message traffic between the local DEFINITY AUDIX System and the named remote machine for the current month, and up to 12 previous months. The information is presented for prime and nonprime periods.

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

The ***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.

- Press F7 (Next Page) to move forward from the month entered to the current month.
- Press F8 (Previous Page) to move backward from the current month to the month entered.

NOTE:
This screen can be activated only if the AMIS analog networking feature and/or the Digital Networking feature has been activated on the System-Parameters Customer Options screen by Lucent Technologies personnel.

```
drmfb2      Active    Alarms:  mwA  Thresholds: none                  Logins: 2
list measurements remote-messages month drmfb20
                        REMOTE MESSAGES MONTHLY TRAFFIC

Machine Name : drmfb20                          Machine Type: audix
        Date : 07/95                            Ending Date : 07/19/95

                    LOCAL ORIGINATION       REMOTE ORIGINATION
                    Prime   Non-Prime       Prime    Non-Prime
Transfer Sessions: 3984    6602            0        0
Usage (seconds)  : 49768   81955           0        0
Average Usage    : 12      12              0        0
Messages Sent    : 0       0               0        0
Messages Rejected: 0       0               0        0
Status Sent      : 0       0
Status Received  :                         0        0
Admin Updates    : 0       0               0        0

Message Transmission Threshold Exceptions: 0
Session Failures      Far End "No Answer": 10586
Message Queued        Voice Mail: 0        Status: 0

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

To move forward from the month entered to the current month, Press F7, (Next Page). To move backward from current month to the month entered, Press F8 (Prev Page).

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.	
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.
LOCAL ORIGINATION, Transfer Sessions	
Prime	Number of prime time transfer sessions of local origination.
Non-Prime	Number of nonprime transfer sessions of local origination.
REMOTE ORIGINATION, Transfer Sessions	
Prime	Number of prime time transfer sessions of remote origination.
Non-Prime	Number of nonprime transfer sessions of remote origination.
LOCAL ORIGINATION, Usage	
Prime	Number of seconds for all prime time message transfer sessions of local origin.
Non-Prime	Number of seconds for all nonprime message transfer sessions of local orig.
REMOTE ORIGINATION, Usage	
Prime	Number of seconds for all prime time message transfer sessions of remote orig.
Non-Prime	Number of seconds for all nonprime message transfer sessions of remote orig.
LOCAL ORIGINATION, Average Usage	
Prime	Average number of seconds for all prime time message- transfer sessions of local origin.
Non-Prime	Average number of seconds for all nonprime message transfer sessions of local origin.
REMOTE ORIGINATION, Average Usage	
Prime	Average number of seconds for all prime time message transfer sessions of remote origin.
Non-Prime	Average number of seconds for all nonprime message transfer sessions of remote origin.

Field Name	Description (display only)
LOCAL ORIGINATION, Messages Sent	
Prime	Total number of prime time messages from the local machine actually sent to the remote machine.
Non-Prime	Total number of nonprime messages from the local machine actually sent to the remote machine.
REMOTE ORIGINATION, Messages Sent	
Prime	Total number of prime time messages from the remote machine actually received by the local DEFINITY AUDIX machine.
Non-Prime	Total number of nonprime messages from the remote machine actually received by the local DEFINITY AUDIX machine.
LOCAL ORIGINATION, Message Rejected	
Prime	Total number of prime time messages rejected by the remote machine.
Non-Prime	Total number of nonprime messages rejected by the remote machine.
REMOTE ORIGINATION, Message Rejected	
Prime	Total number of prime time messages rejected by the local machine.
Non-Prime	Total number of nonprime messages rejected by the local machine.
LOCAL ORIGINATION, Status Sent	
Prime	Number of prime time status reports sent by the local DEFINITY AUDIX machine for messages originated by the remote machine.
Non-Prime	Number of nonprime status reports sent by the local DEFINITY AUDIX machine for messages originated by the remote machine, during the time specified as nonprime 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
REMOTE ORIGINATION, Status Received	
Prime	Number 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 nonprime status reports received by the local DEFINITY AUDIX machine for messages the local machine sent to the remote DEFINITY AUDIX machine.
LOCAL ORIGINATION, Admin Updates	
Prime	Number of prime time details sent by the remote machine to the local DEFINITY AUDIX machine. (Applies to digital networking machines only.)
Non-Prime	Number of nonprime time details sent by the remote machine to the local DEFINITY AUDIX machine. (Applies to digital networking machines only.)

Field Name	Description (display only)
REMOTE ORIGINATION, Admin Updates	
Prime	Number of prime time details sent by the remote machine to the local DEFINITY AUDIX machine. (Applies to digital networking machines only.)
Non-Prime	Number of nonprime time details sent by the remote machine to the local DEFINITY AUDIX machine. (Applies to digital networking machines only.)
Message Transmission Threshold Exceptions	Total number of times the local node exceeded its message-transmission threshold with the specified remote machine.
Session Failures Far End “No Answer”	Total number of unsuccessful call attempts from the local DEFINITY AUDIX machine to the remote machine.
Message Queued	Voice Mail: Displays the number of voice mail messages in queue to send to the DEFINITY AUDIX machine. (Applies to digital networking machines only.)
	Status: Displays the number of status messages in queue to send to the DEFINITY AUDIX machine. (Applies to digital networking machines only.)

list Measurements Special-Features Day

The Special Features Daily Traffic screen is used to display the special features daily traffic report that displays 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*

The ***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.

```
drmfb2      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

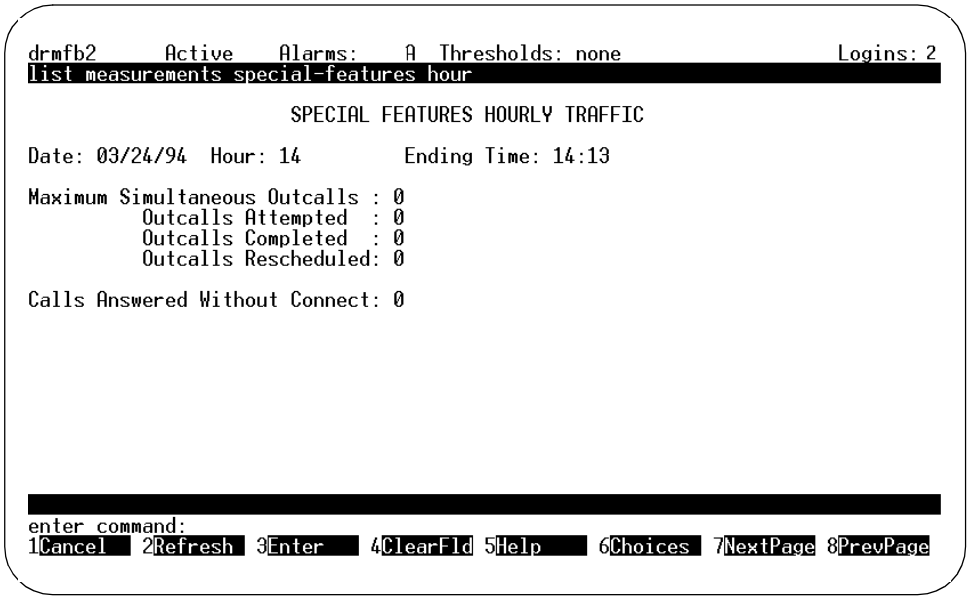
Field Name	Description (display only)
This screen displays information for the date specified at the command line or entered in the Date field.	
Date	Starting date for the traffic report as specified on the command line. If no date is entered on the command line, the current date is used.
Ending Time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

The ***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.



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.
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 *connect* 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*

The ***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.

```
drmfb2      Active    Alarms:    A  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
```

```
drmfb2      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
```

```
drmfb2      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.	
PAGE 1	
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.
SESSION TRAFFIC **CALL ANSWER**	
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 nonprime hours.
VOICE MAIL	
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.
CALL ANSWER	
Session Usage, Prime	Total duration (in seconds) of calls to the subscriber during prime hours.
Session Usage, Non-Prime	Total duration (in seconds) of calls to the subscriber during non prime hours.

Field Name	Description (display only)
VOICE MAIL	
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 nonprime 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 nonprime 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 nonprime 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 nonprime 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 nonprime 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.
Broadcast Messages	
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 nonprime hours.

Field Name	Description (display only)
Login Announcements	
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 nonprime hours.
Priority Messages	
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 nonprime hours.
Private Messages	
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 nonprime hours.
Local Voice-Mail Messages Sent	
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 nonprime hours.
Remote Voice-Mail Messages Sent	
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 nonprime hours.

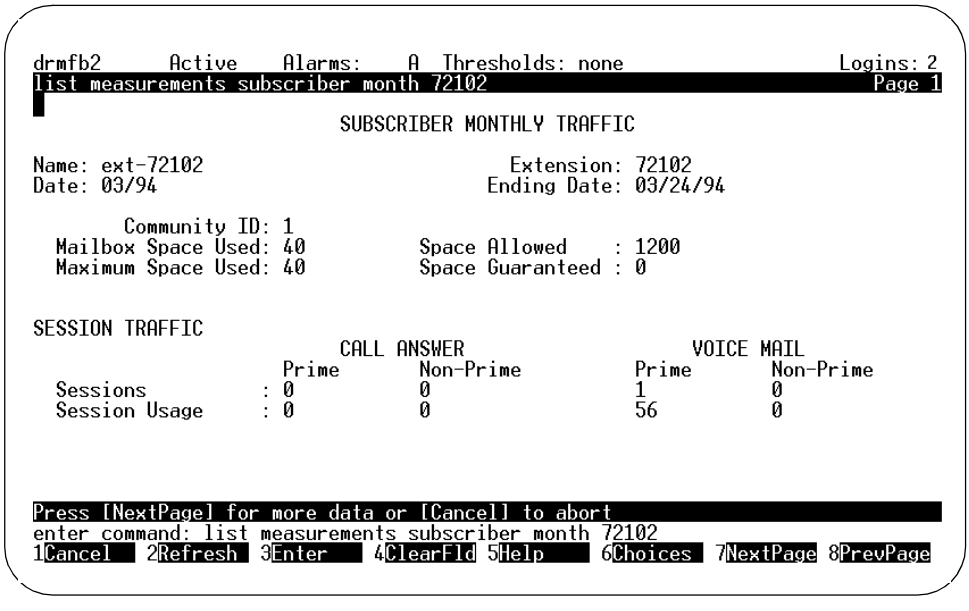
list Measurements Subscriber Month

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*

The ***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.



```
drmfb2      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
```

```
drmfb2      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	Number of times a caller was redirected to the DEFINITY AUDIX System on behalf of the subscriber during prime hours.
Non-Prime	Number of times a caller was redirected to the DEFINITY AUDIX System on behalf of the subscriber during nonprime hours.
VOICE MAIL Sessions	
Prime	Number of times the subscriber successfully logged in during prime hours.
Non-Prime	Number of times the subscriber successfully logged in during nonprime 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 nonprime hours.
VOICE MAIL Session Usage	
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 nonprime hours.

Field Name	Description (display only)
PAGE 2	
VOICE MAIL MESSAGE RECEIVED	
Local Voice Mail Messages	
Prime	Number of prime time voice mail messages received by the subscriber.
Non-Prime	Number of nonprime voice mail messages received by the subscriber.
Remote Voice Mail Messages	
Prime	Number of prime time voice mail messages received by the subscriber.
Non-Prime	Number of nonprime voice mail messages received by the subscriber.
Undeliverable Notifications	
Prime	Number of prime time undeliverable notifications received by the subscriber.
Non-Prime	Number of nonprime 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 nonprime call answer messages accumulated in the subscriber's mailbox.
PAGE 3	
VOICE MAIL MESSAGES CREATED	
Total Voice Mail Messages	
Prime	Total number of prime time voice mail messages created by the subscriber.
Non-Prime	Total number of nonprime 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 nonprime voice mail broadcast messages created by the subscriber.
Login Announcements	
Prime	Number of prime time voice mail login announcements created by the subscriber.
Non-Prime	Number of nonprime voice mail login announcements created by the subscriber.
Priority Messages	
Prime	Number of prime time voice mail priority msgs. created by the subscriber.
Non-Prime	Number of nonprime voice mail priority msgs created by the subscriber.

Field Name	Description (display only)
Voice-Mail, Private Messages	
Prime	Number of prime time voice mail private messages created by the subscriber.
Non-Prime	Number of nonprime voice mail private messages created by the subscriber.
VOICE MAIL MESSAGES SENT	
Local Voice Mail Messages Sent	
Prime	Number of prime time voice mail messages sent to local subscribers by the subscriber.
Non-Prime	Number of nonprime voice mail messages sent to local subscribers by the subscriber.
Remote Voice Mail Messages Sent	
Prime	Number of prime time voice mail messages sent to remote subscribers by the subscriber.
Non-Prime	Number of nonprime voice mail messages sent to remote subscribers by the subscriber.

add/remove MO-Disk

The MO-Disk screen is used to add an MO disk to the MO drive or to remove one from it.

add mo-disk
add mo-disk *initialize*
remove mo-disk

When adding an MO disk, the ***initialize*** qualifier erases all data on the disk with the exception of the volume name.

The MO-Disk screen can be activated while the DEFINITY AUDIX System is in the OA&M state.

```
drmfb15     Active    Alarms:  m A  Thresholds: none                  Logins: 2
add mo-disk                                                          Page 1 of 1
                                  MO-DISK

 MO-Disk Drive Location: 01C0602

            Volume Type: backup

            Volume Name: drmfb15.bak

       Software Release: Release 4.0, Issue 1

           Machine Name: drmfb15

          Creation Date: 11/17/98

         Status of most recent "add mo-disk" operation: not run




Press [ENTER] to execute or press [CANCEL] to abort
enter command: add mo-disk
```

Field Descriptions

Name	Description
MO-Disk Drive Location	Location of the MO drive in a 7 character string that indicates port network, carrier, slot, and SCSI ID. For example, 01a0202 indicates port network=01, carrier=a, slot=02, and SCSI ID=02. This field is populated with the default location of the MO drive on the TN568.
NOTE: The following MO disk information is read from the volume label, or backup if there is no label.	
Volume Type	Purpose of the MO disk, such as backup (used for a backup of DEFINITY AUDIX data) or generic (contains DEFINITY AUDIX software provided by Lucent Technologies)
Volume Name	Name for this MO disk. Defaults to currently mounted MO disk. **NOTE:** The MO disk 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 MO disk was created
Machine Name	Name of the machine on which this MO disk was created
Creation Date	Date on which the MO disk was created
Status of most recent “add mo-disk” operation	Status of the most recent use of the add mo-disk operation.

Sample Tasks

To load an MO disk:

1. Type **add mo-disk** and press F3 (Enter). This displays the MO-DISK screen.
2. Press F3 (Enter) again. This adds the MO disk with the existing Volume Name.

To load an MO disk and change the volume name:

1. Type **add mo-disk** and press F3 (Enter).
2. To change the existing Volume Name, type the name for this MO disk in the Volume Name field.

CAUTION:
This operation will erase all data on the MO disk.

3. Press F3 (Enter).
4. When prompted, press F3 (Enter) to confirm erasure of the MO disk. Press F1 (Cancel) to cancel the add mo-disk operation.

If an MO disk is out of space, or if it has a corrupt filesystem, you can add the MO disk but erase all existing data. System alarms will indicate if an MO disk is out of space or has a corrupt filesystem. To load an MO disk while erasing previous data:

1. Type **add mo-disk initialize** and press F3 (Enter). This displays the MO-DISK screen.
2. Press F3 (Enter) again. This adds the MO disk with the existing Volume Name.

To remove an MO disk:

1. Type **remove mo-disk** and press F3 (Enter).
2. Press F3 (Enter) to invoke the screen operation.

status MO-Disk

The Status MO-Disk screen displays the status of the MO drive and MO disk.

status mo-disk

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

```
drmfb15     Active    Alarms:  m A  Thresholds: none                  Logins: 2
status mo-disk                                                      Page 1 of 1
                          STATUS MO-DISK

  MO Drive Location: 01C0602
             Status: In service, idle

DRIVE:
           Equipped? y
             Vendor: OLYMPUS
              Model: MOS350
           Revision: T102

CARTRIDGE:
           Equipped? y              Self-Diagnostics: pass
       Administered? y                    Write Test: pass
      Write Enabled? y                     Read Test: pass
   Capacity(Mbytes): 640MB               Verify Test: pass




Status Command Complete
enter command:
```

Field Descriptions

Name	Description (display only)
MO Drive Location	Location of the MO drive in a 7 character string that indicates port network, carrier, slot, and SCSI ID. For example, 01a0202 indicates port network=01, carrier=a, slot=02, and SCSI ID=02. This field is populated with the default location of the MO drive on the TN568.
Status	Status of the MO disk 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.)
Status (cont)	In service, pending (Drive is in service pending completion of administration. This is the status when an add mo-disk operation is in progress.) 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 mo-disk command.) Out-of-Service — T (Drive is currently being tested. This is the status when a test mo-disk is in progress.) Unequipped (No MO drive is installed at the specified location.)
Drive, Equipped?	Indicates whether or not an MO drive is equipped (present) at the specified location
Drive, Vendor	Vendor name for the specified MO drive
Drive, Model	Model id for the specified MO drive
Drive, Revision	MO disk revision identification for the specified MO drive. display only field
Cartridge, Equipped?	Indicates whether or not an MO disk is equipped (present) at the specified location
Cartridge, Administered?	Indicates whether an MO disk was administered via the add mo-disk screen
Cartridge, Write Enabled?	Indicates whether or not writing to the MO disk is enabled
Cartridge, Capacity	Capacity of the MO disk in millions of bytes
Self-Diagnostics	Field indicates if this test passed, failed or was not run.
Write Test	Field indicates if this test passed, failed or was not run.
Read Test	Field indicates if this test passed, failed or was not run.
Verify Test	Field indicates if this test passed, failed or was not run.

test MO-Disk

The MO-Disk Test Results screen initiates a demand test of the MO disk and displays the test results.

test mo-disk

Checks the filesystem on the disk. If there is enough space on the disk, the test writes a file label and test file to the disk, then reads and verifies the test file.

```
drmfb15     Active    Alarms:  m A  Thresholds: none                  Logins: 2
test mo-disk                                                        Page 1 of 1
                              MODISK TEST RESULTS           Date: 12/30/98 09:27

                                        Most Recent            Test Counters:
 Resource   Loc.    Test Name           Test Result            Pass Fail Abort
 MO_DISK    01C0602 Check MO Filesystem                          0    0    0
 MO_DISK    01C0602 Read/Write MO                                0    0    0









Press [Enter] to execute
enter command: test mo-disk
```

Field Descriptions

Name	Description (display only)
Date	Date and time that the test was requested
Resource	Type of resource being tested. On this screen, the resource type is always MO_DISK.
Loc.	Location of the MO drive in a 7 character string that indicates port network, carrier, slot, and SCSI ID. For example, 01a0202 indicates port network=01, carrier=a, slot=02, and SCSI ID=02. This field is populated with the default location of the MO drive on the TN568.
Test Name	Name of test being executed.
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 mo-disk** and press F3 (Enter).
2. Press F1 (Cancel) to return to the command line without executing the test.

While the test is running, you have three options:

1. Press F1 (Cancel) to abort the test and return to the command line.
2. Wait for the test to complete.
3. Press F3 (Enter) 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 F3 (Enter). 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 F1 (Cancel) to abort the test.
2. Wait for the tests to complete.
3. Press F3 (Enter) to return the test to the background.

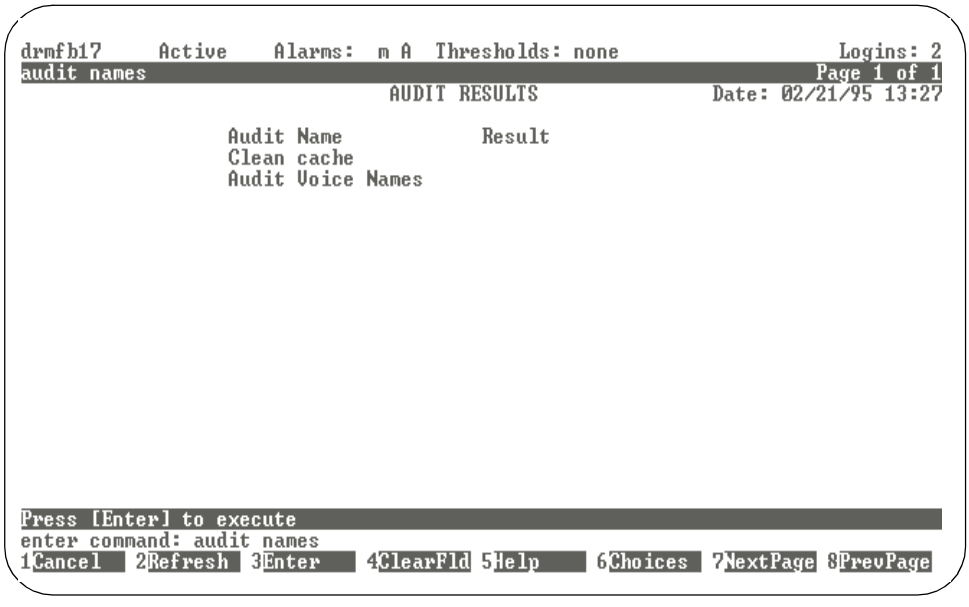
Additional Specifications

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.

audit Names

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

audit names



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.
Clean Cache	Writes data to disk
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)

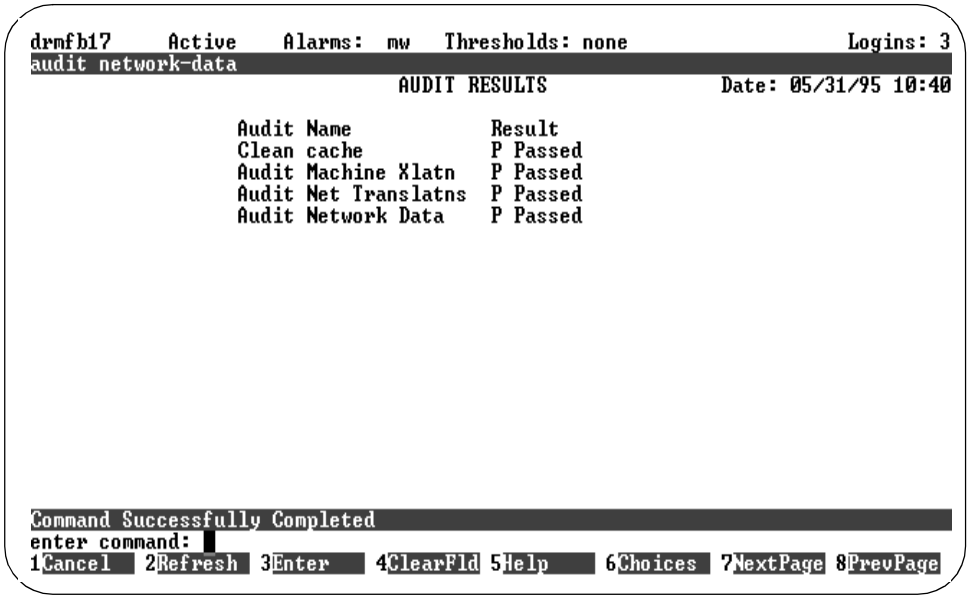
Sample Tasks/Additional Specifications

Same as **audit Mailboxes**.

audit Network Data

The Audit Results screen initiates a demand audit on network data and displays the results of the audit.

audit network-data



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.
Clean Cache	Writes data to disk.
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)

change/display Network-Group

The Network Group screen is used to change or display groups associated with the local network. The Change command enables the user to administer the network ports and locations. The Display command allows the user to display the groups.

change network group

```
drmfb14     Active    Alarms: none  Thresholds: none                  Logins: 3
change network-group                                                 Page 1 of 1
                                NETWORK GROUP

          Member  Port   Extension           Member  Port   Extension
             1    01B1801 63017                 2

enter command: change network-group
```

display network group

```
drmfb20     Active    Alarms:  mwA  Thresholds: none                Logins: 2
display net-group                                                  Page 1 of 1
                                NETWORK GROUP

          Member  Port    Extension           Member  Port    Extension
             1    01B0101 20521                  2

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

Field Descriptions

Name	Description	Valid Entries
Member	The member number of the network group	1 or 2
Port	The network port location assigned to this network group member	Port in the form - port-network carrier board slot, e.g., 1A0401
Extension	The extension attached to the port	A switch extension number with length equal to the administered extension length on the “change machine local” screen

busyout Network-Port

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

busyout network port *port- address*

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

Field Descriptions

Name	Description (display only)
Resource	Port being busied-out or released.
Location	Board location (***port-address***) 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. CR (manually busied out, by craft) and (resource deficiency) M (taken out of service by maintenance and the voice port is alarmed) T (Test in progress) F (Taken out of service by maintenance and the Networking port is alarmed)

Sample Tasks

To busy-out a network port:

1. Type **busyout network port *port-address*** [**forced**] and press F3 (Enter).

   The ***port-address*** and the optional keyword, **forced**, are described above in the *Commands* section.

2. Press F1 (Cancel) to abort the operation and exit the screen.
3. Press F3 (Enter) to invoke the busy-out operation.

To return a port to service:

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

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

test Network-Port

The Test Networking Port Results screen enables the user to test the network port connection. This screen tests the networking port specified by <loc>. There is a short test and a long test that resets the port, a test that starts the 64k-loop test, a test that starts the 56k-loop test, and a test that stops the ongoing test. The loop tests should only be used if there is more than one digital networking port.

test networking port <loc>
test networking port <loc> long
test networking port <loc> 64k-start-loop
test networking port <loc> 56k-start-loop
test networking port <loc> stop-loop

When **test networking port** with a specific location is entered, the following screen appears.

```
drmfb2      Active    Alarms: MmwA  Thresholds: none                  Logins: 2
test network-port 01a0201                                          Page 1 of 1
                        TEST NETWORKING PORT RESULTS       Date: 04/20/95 07:00

                                          Most Recent              Test Counters:
 Resource    Loc.     Test Name           Test Result              Pass Fail Abort
 NET_PORT    01A0201 Test Process                                   0    0    0
 NET_PORT    01A0201 Switch response                                0    0    0
 NET_PORT    01A0201 DSP sanity                                     0    0    0

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

Field Description (display only)

Name	Description (display only)
Date:	The date the test was requested.
Time:	The time the test was requested.
Resource:	NET_PORT
Loc:	This is the location of the port in this format: port-network, carrier, slot, port i.e., 01a0201
Test Name:	The name of the test being run.
Results:	The field describing the results of the most recently run test. The first field is a single character that represents the following: A=test aborted F=test failed P=test passed R=test running
Pass:	This is the number of times the test passed.
Fail:	This is the number of times the test failed.
Abort:	This is the number of times the test was aborted.

Function Keys:

Initially, pressing F1 (Cancel) returns the user to the command line without executing the test. Pressing F3 (Enter) starts the test. While the test is running, pressing F1 (Cancel) aborts the test and pressing F3 (Enter) puts the test in the background and returns the user to the command line. The “status test” command reconnects to the screen that displays the results of the most recently run test.

save Nightly

The Save Nightly screen is used to perform an immediate backup to MO disk 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.

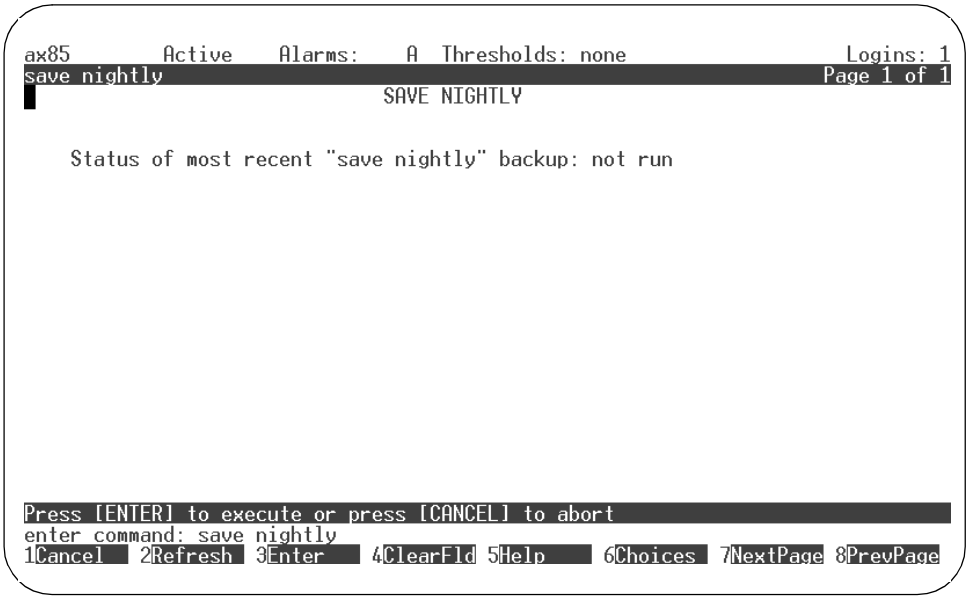
save nightly

Adds the backup to the existing backups on the MO disk.

save nightly initialize

Removes all data on the MO disk before backing up the data.

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



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

This screen is used to perform an immediate save of the data that is backed up automatically each night. You can perform this save by adding the data to the backups that already exist on the MO disk, or you can erase the MO disk and add the new data in one operation. Erase the MO disk if the disk is full, or if it has a corrupt file system. If the MO is full, or if it has a corrupt file system, the system will generate an alarm.

Backing up data by adding it to existing backups on the MO disk:

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

Backing up data while erasing the MO disk:

1. Type **save nightly initialize** and press F3 (Enter).
2. Check displayed backup status and press F3 (Enter) to confirm erasure of the MO disk and proceed with the backup or F1 (Cancel) to cancel the operation. The save operation will proceed in the background.

To verify that the backup has been performed, type **display backups**.

Additional Specifications

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

```
drmfb18     Active    Alarms: none  Thresholds: none                  Logins: 1
change password                                                     Page 1 of 1
                                 PASSWORD


                        Login ID: cust

                    Old Password:

                    New Password:
              Confirm New Password:









enter command: change password
```

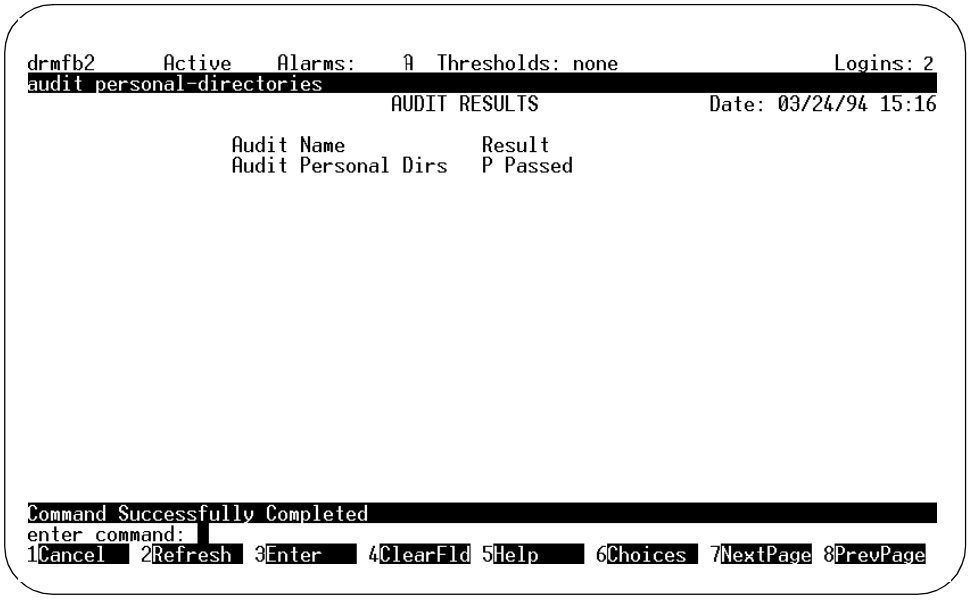
Field Descriptions

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.)	Display only
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.	6 to 10 alphanumeric characters. Must contain 1 number and 1 letter.
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 Results screen initiates a demand audit on subscribers' personal directories and displays the results of the audit.

audit personal directories



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 Port

The Busyout/Release Port screen enables the system administrator to busy out or release a **voice port** or **network 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* for voice ports

busyout network port *port-address* for the network port

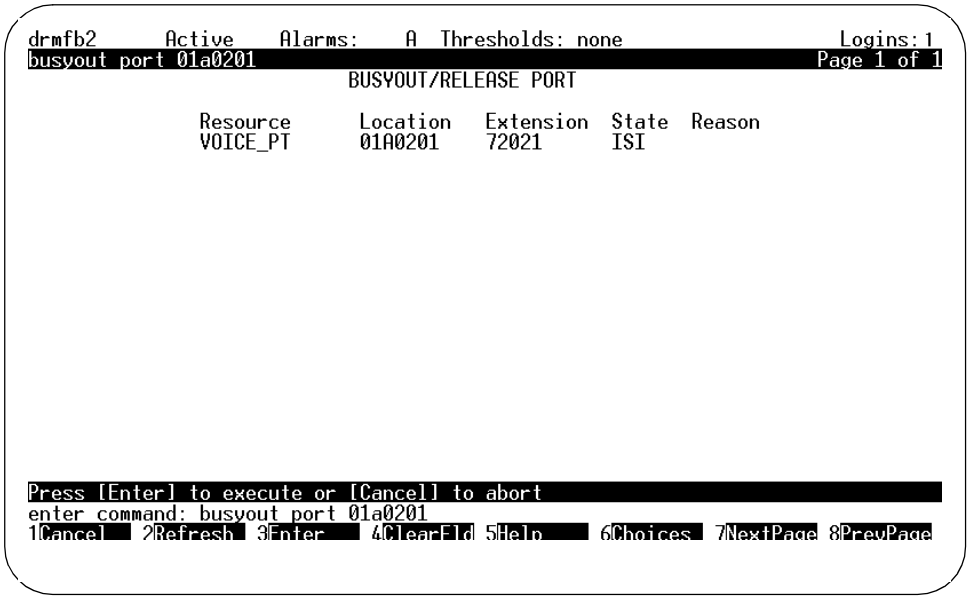
The ***port-address*** is the port to busy-out or release.

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.



Field Descriptions

Name	Description (display only)
Resource	Port being busied-out or released (VOICE_PT or NET_PORT).
Location	Board location (***port-address***) 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. CR (manually busied out, by craft) and (resource deficiency) M (taken out of service by maintenance and the voice port is alarmed) T (Test in progress) F (Taken out of service by maintenance and the Networking port is alarmed)

Sample Tasks

To busy-out a port:

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

To return a port to service:

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

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

test Port

The Test Port Results 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*

The ***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.

```
drmfb2      Active    Alarms:    A  Thresholds: none                  Logins: 2
test port 01a0201 long                                                Page 1 of 1
                              TEST PORT RESULTS            Date: 03/24/94 15:20

                                        Most Recent          Test Counters:
 Resource   Loc.    Test Name           Test Result          Pass Fail Abort
 VOICE_PT   01A0201 D-tone seizure test                        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	Number 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	Number 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 F3 (Enter). 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 F1 (Cancel) to abort the operation and exit the screen.
3. Press F3 (Enter) 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 F3 (Enter).
2. Press F3 (Enter) to start the test, or F1 (Cancel) to return to the command line without executing the tests.

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

1. Press F1 (Cancel) to abort the tests and return to the command line.
2. Wait for the test series to complete.
3. Press F3 (Enter) 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-Extensions

The List Remote Extensions 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*

The ***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*

The ***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*

The ***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.

list remote-extension *machine-name type*

NOTE:
This screen can be activated only if the AMIS analog networking or digital networking feature has been activated on the System-Parameters Customer Options screen by Lucent Technologies 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

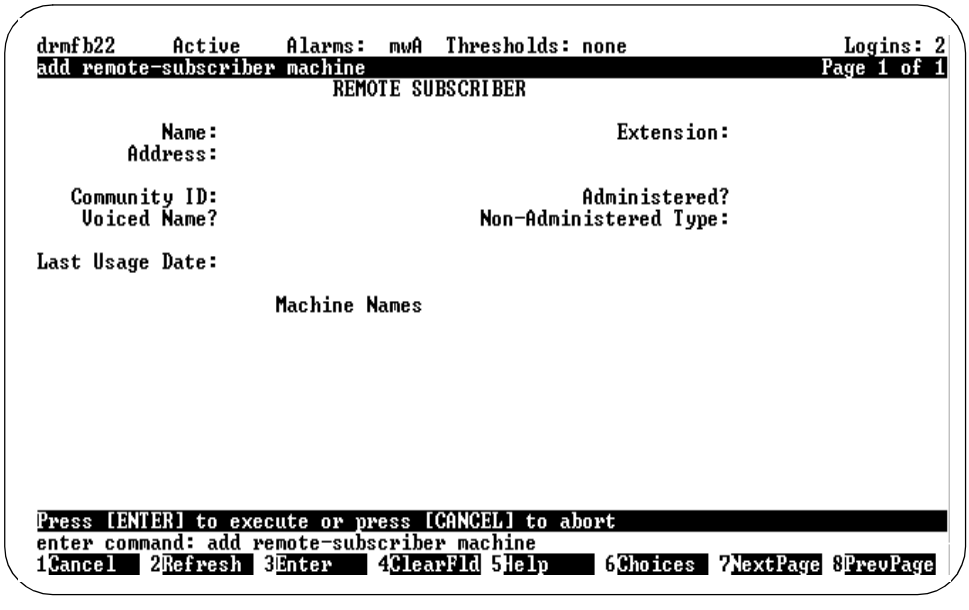
Name	Description (display only)
Extension	Extension of the remote subscriber
Name	Name of the remote subscriber, if known
Type	Type of the remote subscriber listed — administered, verified, or unverified
Usage Date	Last day the remote subscriber associated with this extension had activity, was on the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

add 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 or digital networking feature has been activated on the System-Parameters Customer Options screen by Lucent Technologies personnel.



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 **add** and **change**, 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 **display Machine** 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.

get Remote-Updates

The Remote Update Request screen is used to get status information for a digital networking machine.

```
drmfb22     Active    Alarms:  mwA  Thresholds: none                  Logins: 2
get remote-updates pluto                                          Page 1 of 1
                          REMOTE UPDATE REQUEST


Request Full Update from Machine:  pluto

           Status of Last Update:  completed

           Last Completed Update:  11/23/94 10:42

    Press [Enter]  for Full Update Request
          [Cancel] to Abort









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

Field Description

Name	Description
Request Full Update from Machine	This is the name of the machine the remote update is coming from.
Status of Last Update	This is either completed or running.
Last Complete Update	This is the date when the last update was completed.

display 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
                                        Login Announcement Set: System
System Multilingual is ON          Call Answer Primary Annc. Set: System
Call Answer Language Choice? n  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 A0:wer 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
PAGE 1			
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 **add** and **change**, 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 **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.	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)	
Password	Password to be assigned to a subscriber. **NOTE:** To expire a user's password, enter **e** 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.	blank
COS	Name or number of the class of service to be assigned to this subscriber.	1 to 8 alphanumeric characters Use **list COS** command to see valid COS names and numbers.	class0

Name	Description	Valid Entries	Default
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. **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.	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.	Administered host switch number from the Switch-link screen.
Covering Extension	Default destination for the Transfer Out of DEFINITY AUDIX feature. **NOTE:** 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 **add subscriber** 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 **change**, **display**, and **remove**	n

Name	Description	Valid Entries	Default
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
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 **list annc-sets** to see installed annc-sets on this machine	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 **NOTE:** 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) **NOTE:** 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
PERMISSIONS			
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 **⚠ CAUTION:** *Subscribers with this permission can change announcements heard by users. This capability should be reserved for system administrators.*	y (can record) n (cannot record)	
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**.			
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 **y** to allow this subscriber to archive messages they receive.	y (enabled) n (disabled)	n

Name	Description	Valid Entries	Default
INCOMING MAILBOX			
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, **nuo** 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. **NOTE:** 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.	0 to 999	
OUTGOING MAILBOX			
Order	Order for retrieving messages from the outgoing mailbox for this subscriber	fifo (first in, first out) lifo (last in, first out)	fifo
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 Cabinet 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

Name	Description	Valid Entries	Default
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
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 *no* space be guaranteed because the reserved space may never be used by some subscribers.	0 to 9999	0

Name	Description	Valid Entries	Default
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 **NOTE:** It is strongly recommended that this field be left at its default setting, **n** for most attendants.	y (permit callers to use *T to transfer) n (do not permit callers to use *T to transfer)	n
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. **SECURITY ALERT:** *No extension field should be left unassigned. Leaving it unassigned, makes your system vulnerable to toll fraud. Lucent Technologies strongly recommends that you assign an extension in every case.* **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	blank e (lets caller dial any extension or name beginning with this button number) 3 to 10 digit extension number	blank
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 *name*.", and allows the caller to record a message.) transfer (Transfers the call to the extension on the switch.) . **NOTE:** A blank in the Extension field requires a blank in the Treatment field. A nonblank value in the Extension field requires a nonblank value in the Treatment field		blank

Name	Description	Valid Entries	Default
Comment	Comments to help identify the extension	blank 1 to 29 alphanumeric characters	blank
Time out, Extension	Extension to which the caller is transferred when the Time out period has elapsed	blank (caller is disconnected after two Time out periods have elapsed) 3 to 10 digit extension number	
Time out, Treatment	How the DEFINITY AUDIX System handles the call if a Time out occurs and no input is received	same as Treatment field on this screen	
	NOTE: A blank in the Time out, Extension field requires a blank in the Time out, Treatment field. A nonblank value in the Extension field requires a non blank value in the Treatment field.		
Time out, Comment	Comments to help identify the Time out extension	blank 1 to 29 alphanumeric characters	blank
Length of Time out 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 Results screen initiates a demand audit on each subscriber's data and displays the results of the audit.

audit subscriber-data

```
drmfb17     Active    Alarms:  m A  Thresholds: none                Logins: 2
audit subscriber-data                                              Page 1 of 1
                                AUDIT RESULTS              Date: 02/21/95 13:39

                    Audit Name            Result
                    Clean cache
                    Audit Subscribers
                    Audit Delivery Data

Press [Enter] to execute
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
Clean Cache	Writes data to disk
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

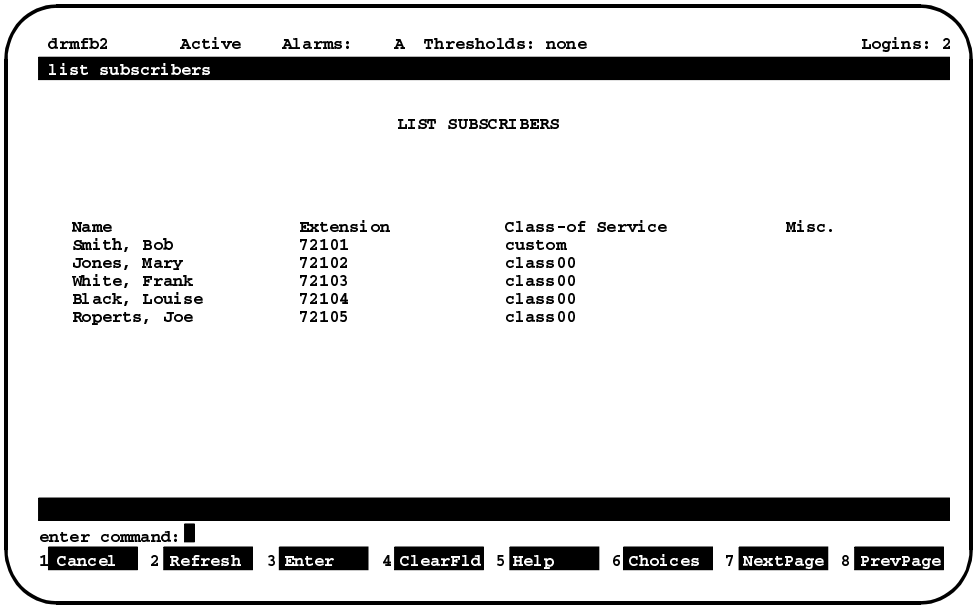
Same as **audit Mailboxes**.

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*

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



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.

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, as specified on the System-Parameters Customer Options screen. A different version of this screen is active for the DP mode. The screen activation commands are the same for both modes.

display switch-link
change switch-link

```
drmfb2      Active    Alarms:  _   A  Thresholds: none                  Logins: 2
display switch-link                                                    Page 1 of 1
                          SWITCH LINK DCIU-SCI

       AUDIX Port                                      AUDIX Port
Switch  Logical   Switch  Data          Switch  Logical   Switch  Data
Number  Channel   Port    Link          Number  Channel   Port    Link
   1       1       59     1               2
   3                                      4
   5                                      6
   7                                      8
   9                                     10
  11                                     12
  13                                     14
  15                                     16
  17                                     18
  19                                     20

     Host Switch: 1
           AUDIX: 1


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

Field Descriptions

Name	Description	Valid Entries	Default
AUDIX Port			
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	
	NOTE: 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.		
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, G3si, G3vs, and ProLogix 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 *not* operating in a DCS environment	blank 1 The only valid entries are blank and 1.	blank

Name	Description	Valid Entries	Default
Host Switch	Switch number assigned to the host switch	1 to 20	

NOTE:
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.

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.

AUDIX	DEFINITY AUDIX machine number as known by the switch.	1 to 8	

NOTE:
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

DEFINITY AUDIX Switch-link DCIU-SCI Screen	System 75, G1, G3i,s,vs,si, ProLogix	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 Switch-Link (DS 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 Display Set (DS) switch integration mode (DS 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. 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 **NOTE:** 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.		1
AUDIX	DEFINITY AUDIX machine number	1 to 99	1
Time out PARAMETERS			
Call Answer Time out	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 *connect* message, the call is assumed to be call answer rather than voice mail. When the Time out number is exceeded, the specified Time out treatment is used.	0 to 99	5
Time out Treatment	Specifies how calls are handled when the call answer Time out period expires **NOTE:** 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.	none (disconnect the call) mailbox (transfer to the specified mailbox) transfer (transfer to the specified extension)	none
Extension	Extension or the mailbox depending on entry in the Time out Treatment field) to which calls are transferred if the call-answer Time-out period has expired **NOTE:** If mailbox is entered in the Time out Treatment field, this field must identify a valid DEFINITY AUDIX subscriber.	3 to 10 digit extension numbers. blank (only if the Time out Treatment is none.)	

busyout Switch-Link

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

```
drmfb2      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)
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.

```
drmfb2      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    OOS   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

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 (9600-19200)
Location	Location of the switch link in the format, port network, carrier, slot, and port id; for example, 01a0202
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)

Name	Description (display only)
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
	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.
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.
	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 Long (CL Mode)

The Switch-Link Test Results 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.

```
drmfb2      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

                                          Most Recent              Test Counters:
 Resource   Loc.     Test Name             Test Result             Pass Fail Abort
 SWITCHLINK 01A0202 Test UART                                        0    0    0
 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
Test Name	Test Name

Name	Description (display only)
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.
Test Counters	
Pass	Number of times the test has passed since test command was executed.
Fail	Number of times the test has failed since test command was executed.
Abort	Number 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 F3 (Enter).
2. Press F3 (Enter) to start the test, or F1 (Cancel) to return to the command line without executing the test.

While the test is running, you have three options:

1. Press F1 (Cancel) to abort the test and return to the command line.
2. Wait for the test to complete.
3. Press F3 (Enter) 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 F3 (Enter).
2. Press F3 (Enter) to start the test, or F1 (Cancel) to return to the command line without executing the tests.

While the test is running, you have three options:

1. Press F1 (Cancel) to abort the test and return to the command line.
2. Wait for the test to complete.
3. Press F3 (Enter) 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 (DS Mode)

When the DEFINITY AUDIX System is running in DS mode, the Audit Results screen initiates a demand audit on each subscriber's name 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
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)

display 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

```
drmfb2      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:                                      4:
 5:                                      6:
 7:                                      8:
 9:                                     10:
11:                                     12:
13:                                     14:
15:                                     16:
17:                                     18:
19:                                     20:


                           Host Switch:   1


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

Field Descriptions

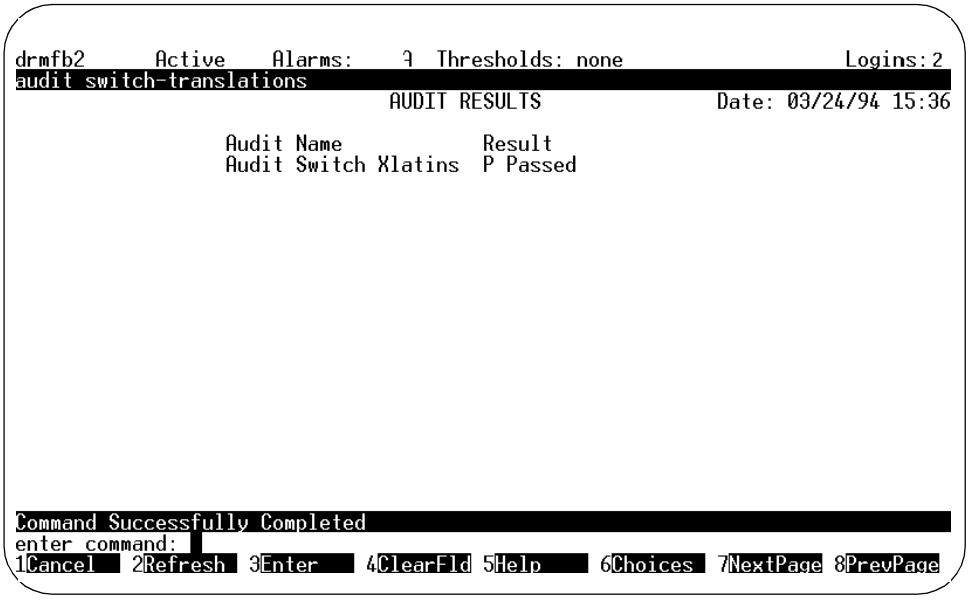
Name	Description	Valid Entries	Default
Time Zone	Time zone number in which the associated switch is located. The time zone number is the number of hours difference (measured during standard time) between the time zone of the switch and universal coordinate time (formerly called Greenwich mean time), 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
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	

NOTE:
When you change the switch time zone, you must reboot for the change to take effect. After rebooting verify that the switch and DEFINITY AUDIX times are synchronized. If they are not, resynchronize the times by accessing the `SET TIME` screen and selecting the `synchronize to switch` field.

audit Switch-Translations

The Audit Results screen initiates a demand audit on Switch Translations and displays the results of the audit.

audit switch-translations



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.

```
drmfb2      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 F1 (Cancel) while on the first page exits the screen without performing the reset. Pressing F3 (Enter) 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 F3 (Enter) 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.

```
drmfb18     Active    Alarms: none  Thresholds: none                  Logins: 1
reset system oa&m                                                      Page 1
                            RESET SYSTEM OA&M STATUS

              Remaining voice ports active: 0

     Backup/restore operation in progress? n




              The camp-on reset in progress cannot be cancelled.

             Press [Enter] now to cause an immediate forced reset.

             WARNING: Forcing a reset with active backup/restore
                      operations could result in data corruption!




enter command: reset system oa&m
```

While the second page appears, the number of active ports and the backup-restore 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 MO drive are idle. All screen sessions are terminated when the reset actually starts. The F1 (Cancel) key is ineffective once the second page appears. Pressing the F3 (Enter) key while the second page appears causes a *forced* reset; that is, ports are idled and the reset begins immediately.

CAUTION:

Data corruption could occur on the MO disk if a forced reset is performed while the MO drive 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.
Backup/restore operation in progress	Indicates whether or not the MO 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 F3 (Enter). The first page of the screen appears.
2. Press F3 (Enter) to begin an uncancellable reset to the OA&M state, or press F1 (Cancel) to exit the screen without performing the reset.
3. The second page of the screen displays if F3 (Enter) was pressed. There are two options:
   - Wait for the reset to complete.
   - Press F3 (Enter) 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.

```
drmfb2      Active    Alarms:    A  Thresholds: none                  Logins: 2
reset system reboot                                                  Page 1    l
                        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
1Cancel  2Refresh  3Enter  4ClearFld 5Help  6Choices  7NextPage 8PrevPage
```

Pressing F1 (Cancel) while on the first page exits the screen without performing the reset. Pressing F3 (Enter) 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 MO drive are idle. If the reboot is initiated from the OA&M state, the camp-on option applies only to the MO-drive status since no ports are active.

NOTE:
Once F3 (Enter) is pressed, the camp-on reset cannot be cancelled and will occur when all ports and the MO 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 MO drive is active. The second page of the screen is shown below.

```
drmfb18     Active    Alarms: none  Thresholds: none                Logins: 1
reset system reboot                                                   Page 1
                            RESET SYSTEM REBOOT STATUS

          Remaining voice ports active: 0

   Backup/restore operation in progress? n




         The camp-on reboot in progress cannot be cancelled.

        Press [Enter] now to cause an immediate forced reboot.

           WARNING: Forcing a reset with active backup/restore
                    operations could result in data corruption!




enter command: reset system reboot
```

In the second page, the number of active ports (if any) and the backup/restore status are updated at least once every ten seconds. All screen sessions are terminated when the reset actually starts. The F1 (Cancel) key is ineffective once the second page appears. Pressing the F3 (Enter) key from the second page causes a *forced* reset; that is, ports are idled and the reboot begins immediately.

⚠ CAUTION:
Data corruption may occur if you perform a forced reset while the MO drive 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 net-working ports active	Number of networking ports that remain active. This field is updated every ten seconds.
Backup/restore operation in progress	Indicates whether or not the MO 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 F3 (Enter). The first page of the screen appears.
2. Press F3 (Enter) to begin an uncancellable restart to the AUDIX state, or press F1 (Cancel) to exit the screen without performing the reboot.
3. The second page of the screen appears if F3 (Enter) was pressed. There are two options:
   - Wait for the reboot to complete.
   - Press F3 (Enter) 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 F3 (Enter). The first page of the screen appears.
2. Press F3(Enter) to begin an uncancellable reboot to the AUDIX state, or press F1 (Cancel) 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.

```
drmfb2      Active    Alarms:    A  Thresholds: none                  Logins: 2
reset system restart                                                 Page 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 F1 (Cancel) while on the first page to exit the screen without performing the reset. Press F3 (Enter) 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 MO drive are idle. If the reset is initiated from the OA&M state, the camp-on option applies only to the MO-drive status since no ports are active.

NOTE:
Once F3 (Enter) is pressed, the camp-on reset cannot be cancelled and will occur when all ports and the MO 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 MO drive is active.

```
drmfb18     Active    Alarms: none  Thresholds: none                  Logins: 1
reset system restart                                                   Page 1
                          RESET SYSTEM RESTART STATUS

           Remaining voice ports active: 0

   Backup/restore operation in progress? n




         The camp-on restart in progress cannot be cancelled.

        Press [Enter] now to cause an immediate forced restart.

           WARNING: Forcing a reset with active backup/retore
                    Operations could result in data corruption!




enter command: reset system restart
```

While the second page appears, the number of active ports (if any) and the backup/restore 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 F3 (Enter) key while the second page appears causes a *forced* reset; that is, ports are idled and the restart begins immediately.

⚠ CAUTION:
Data corruption could occur if a forced reset is performed while the MO drive 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.
Backup/restore operation in progress?	Indicates whether or not the MO 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 F3 (Enter). The first page of the screen appears.
2. Press F3 (Enter) to begin an uncancellable restart to the AUDIX state, or press F1 (Cancel) to exit the screen without performing the restart.
3. The second page of the screen appears if F3 (Enter) was pressed. There are two options:
   - Wait for the restart to complete.
   - Press F3 (Enter) 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 F3 (Enter). The first page of the screen appears.
2. Press F3 (Enter) to begin an uncancellable restart to the AUDIX state, or press F1 (Cancel) 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.

```
drmfb2      Active    Alarms:  mwA  Thresholds: none                Logins: 3
reset system shutdown                                              Page 1
                        RESET SYSTEM SHUTDOWN

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
```

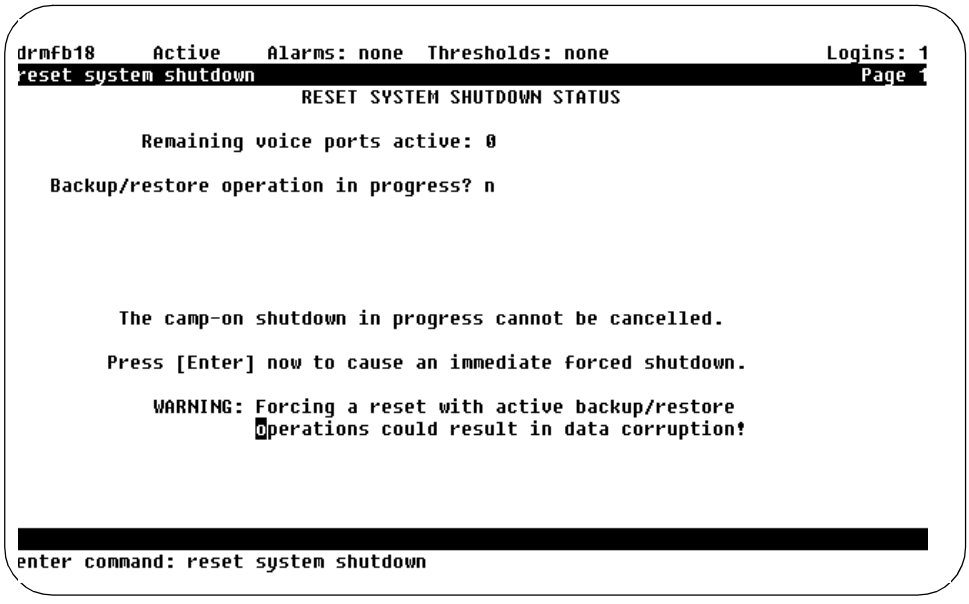
Pressing F1 (Cancel) while on the first page exits the screen without performing the reset. Pressing F3 (Enter) while on the first page confirms the operation, begins an *uncancellable* shutdown to the AUDIX state, and displays a second page of the screen.

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 MO drive are idle. If the reset is initiated from the OA&M state, the camp-on option applies only to the MO-drive status since no ports are active.

NOTE:
Once F3 (Enter) is pressed, the camp on reset cannot be cancelled and will occur when all ports and the MO 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 MO drive is active.



While the second page appears, the number of active ports (if any) and the backup/restore status are updated at least once every ten seconds. All screen sessions are terminated when the shutdown actually starts. The F1 (Cancel) key is ineffective once the second page appears. Pressing the F3 (Enter) key while the second page appears causes a *forced* reset; that is, ports are idled and the reboot begins immediately.

⚠ CAUTION:
Data corruption could occur if a forced reset is performed while the MO drive 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.
Backup/restore operation in progress?	Indicates whether or not the MO 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 F3 (Enter). The first page of the screen appears.
2. Press F3 (Enter) to begin an uncancellable shutdown or press F1 (Cancel) to exit the screen without performing the shutdown.
3. The second page of the screen appears if F3 (Enter) was pressed. There are two options:
   - Wait for the shutdown to complete.
   - Press F3 (Enter) 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 F3 (Enter). The first page of the screen appears.
2. Press F3 (Enter) to begin an uncancellable shutdown or press F1 (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 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

```
drmfb2      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. **NOTE:** 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.	y (recording of MWI updates is enabled) n (recording of MWI updates is halted)	y
Maximum Number of Activity Log Entries	Maximum number of records in the activity log file **NOTE:** 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.	1 to 99999	10000
Clear All Entries in Activity Log	Indicates whether or not the entries in the activity log will be reset	y (press F3 (Enter) to clear the activity log) n (has no effect)	n

display 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 Lucent Technologies personnel.

```
drmfb2      Active    Alarms:  mwA  Thresholds: none                  Logins: 2
change system-parameters analog-network                          Page 1 of 1
                  SYSTEM PARAMETERS ANALOG NETWORK

CALLBACK NUMBERS:

               Country  Area/Trunk    Local Number
   Default - 1:  1      :  303       :  7772000
             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: change system-parameters analog-network
1Cancel  2Refresh  3Enter  4ClearFld 5Help  6Choices  7NextPage 8PrevPage
```

Field Descriptions

Name	Description	Valid Entries	Default
NOTE: 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
Area/Trunk Code	Second part of the 3 part Callback Number	blank 1 to 7 digit integer	blank

Name	Description	Valid Entries	Default
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. **NOTE:** 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 Lucent Technology 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.

```
drmfb14     Active    Alarms: none  Thresholds: none                  Logins: 3
display system-parameters customer-options                          Page 1 of 2
                          SYSTEM-PARAMETERS CUSTOMER-OPTIONS


                            Port Emulation Type: tn754

                       Switch Integration Type: display-set

                  Maximum Number of Voice Ports: 8

      Maximum Number of Digital Networking Ports: 1

                         AMIS Analog Networking? y

                                    Multilingual? n

               Maximum Number of IMAPI Sessions: 32

               Hours of Voice Storage Purchased: 30
                            Total Hours on Disk: 95


enter command: display system-parameters customer-options
```

Page two of the System-Parameters Customer-Options screen shows the remaining system parameters.

```
drmfb2      Active    Alarms:  mwA  Thresholds: none                  Logins: 2
display system-parameters customer-options                          Page 2 of 2
                          SYSTEM-PARAMETERS CUSTOMER-OPTIONS


Limit Number of Voicemail/Call-Answer Mailboxes? n
   Maximum Number of Voicemail/Call-Answer Mailboxes:
   Current Number of Voicemail/Call-Answer Mailboxes: 15

enter command: display system-parameters customer-options
1Cancel  2Refresh  3Enter  4ClearFld 5Help  6Choices  7NextPage 8PrevPage
```

Field Descriptions

Name	Description	Valid Entries
Port Emulation Type	Port emulation type	tn754 (8-port digital) tn746 (16-port analog) tn2181 (16-port digital) The value in this field depends on how the board is administered in the switch in which the DEFINITY AUDIX System resides.
Switch Connection Type	Depends on the Port Emulation Type. Enter either display set or control link.	display set or control link
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 **change voice group**.	an even integer (2, 4, . . .) — in the range 2 - 8 if the port-emulation type is tn754 — 2 - 12 if the port-emulation type is tn746 or tn2181, or 2-8 with the tn 2181 if digital networking is purchased.
Maximum Number of Digital Networking Ports	This is the number of digital networking ports provisioned for the DEFINITY AUDIX System. A maximum of one digital networking port is available.	1

Name	Description	Valid Entries
AMIS Analog Networking	Enables AMIS Analog Networking	y (enabled) n (disabled)
Multilingual	Enables Multilingual feature. Enabling deletes multiple personal greetings; disabling deletes secondary language personal greetings.	y (enabled) n (disabled)
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 **change machine**.	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.
Hours of Voice Storage Purchased	This is the number of hours of voice storage provisioned for this AUDIX.	0-100
Total Hours on Disk	The number of total voice storage Hours on the disk	0-100
Limit Number of VM/CA Mailboxes	Indicates whether the number of Call Answer and Voice Mailbox-only mailboxes should be limited	y - limit Call Answer and Voice Mailbox-only mailboxes n - do not limit (regular system)
Maximum Number of VM/CA Mailboxes	The maximum number of Voice Mail and Call Answer Mailboxes provisioned for this AUDIX	0 999 if Limit Number of VM/CA Mailboxes is ‘y’ blank if that field is set to ‘n’
Current Number of VM/CA Mailboxes	The current number of Voice Mail and Call Answer Mailboxes on this AUDIX	

display System-Parameters Features

The System-Parameters Features screen administers parameters of the system features.

display system-parameters features
change system-parameters features

```
drmfb18     Active    Alarms:  mwA  Thresholds: none                    Logins: 2
display system-parameters features                                    Page 1 of 4
                          SYSTEM-PARAMETERS FEATURES

LOG-IN PARAMETERS
        Login Retries: 3                Consecutive Invalid Attempts: 18
 System Guest Password:                      Minimum Password Length: 0

PASSWORD AGING LIMITS (DAYS)   Subscriber   Administrator
                                Mailboxes       Login
           Expiration Interval:    0             0    (0 disables expiration)
     Minimum Age Before Changes:   0             0
           Expiration Warning:     0             0    (0 disables warnings)

INPUT TIME LIMITS (SECONDS)
        Normal: 60     Full Mailbox Timeout: 5     Wait (*W): 180
         Between Digits at Auto-attendent 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
```

```
drmfb18     Active    Alarms:  mwA  Thresholds: none                    Logins: 2
display system-parameters features                                    Page 2 of 4
                          SYSTEM-PARAMETERS FEATURES

MISCELLANEOUS PARAMETERS
        Broadcast Mailbox Extension: 78999
           System Prime Time, Start: 08:00      End: 17:00
              Weekly Backup Enabled? y       Locals Only? n
            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
```

```
drmfb18     Active    Alarms:  mwA  Thresholds: none                  Logins: 2
display system-parameters features                                  Page 3 of 4
                          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
```

```
drmfb18     Active    Alarms:  mwA  Thresholds: none                  Logins: 2
display system-parameters features                                  Page 4 of 4

                          SYSTEM-PARAMETERS FEATURES

NETWORKING PARAMETERS
        Automatic Deletion of Non-administered Remote Subscribers? n
        Days without Activity: 0                Even If on a Mailing List? n
        Machine Names:

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

Field Descriptions

Name	Description	Valid Entries	Default
PAGE 1			
Login Parameters			
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 **NOTE:** 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 nonsubscribers 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
Password Aging Limits (Days) For the following three fields: Password Expiration Interval must be greater than (Minimum Age Before Changes + Expiration Warning).			
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. **NOTE:** To expire all users' passwords, enter 0 in Password Expiration Interval and press ENTER , then change back to a value greater than 0 and press ENTER . To expire a subscriber's password, enter **e** in the Password field on the Subscriber form when Password Aging is activated.	0 to 999	0 (turns off Pass-word Aging)
Minimum Age Before Changes	Min. number of days which must pass before a subscriber can again change a password. **0** 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. **0** disables expiration warning so that subscribers' passwords will expire without any warning to the subscriber.	0 to 99	0

Name	Description	Valid Entries	Default
Input Time Limits (Seconds)			
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 **wait** command (*W) before voicing a time out warning	1 to 999	180
Between Digits at Auto-Attendant or Stand-alone Menu	Max. seconds between touch tones at an auto attendant menu. In stand-alone 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.			
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

Name	Description	Valid Entries	Default
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
Locals Only	New		
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
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

Name	Description	Valid Entries	Default
Call Transfer Out of AUDIX			
Transfer Type	Activates Call Transfer Out Of AUDIX feature none (deactivates feature) basic (for DS mode only, to activate Basic Call Transfer) enhanced_no_cover_0 (treats the call as a *redirected* call, with no call- coverage or call forwarding) enhanced_cover_0 (treats the call as a *directed* call, with call-coverage and call forwarding as defined for the destination extension) **NOTE:** Only G3V4 and later releases support enhanced call transfer if using Digital Port emulation and Control Link integration. The transfer is invoked via a message from the AUDIX system to the switch on the control link.		none
Transfer Restriction	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. digits (destination address must contain the same number of digits as voice mail extensions) subscribers (addressee must be an administered subscribe)		subscribers
Covering Extension	Default extension to which a call is transferred when the caller presses 0 or *0 to transfer out of the AUDIX system. **NOTE:** The extension of the Message Center agent or system operator should be entered in this field. If the Transfer Type field is *basic* or *enhanced* and this field is left blank, a warning appears on the screen. You may ignore the warning if no default covering extension is desired.	blank 3 to 10 digit extension number.	blank

Name	Description	Valid Entries	Default
PAGE 3			
Announcement Sets			
Use **list annc-sets** to see valid entries for the following two fields.			
System	Annc. 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 annc. set is required for errors 5) A default annc. set is required to fill in for unadministered subscriber annc. set data. All anncs. (not including subscriber names) are played from this annc. set.	valid annc-set name of up to 14 alphanumeric characters	annc. set specified installation
Administrative	Announcement set used when modifying announcement fragments and compositions **NOTE:** 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.	valid annc-set name of up to 14 alphanumeric characters	blank
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

Name	Description	Valid Entries	Default
Page 4			
NETWORKING PARAMETERS			
Automatic Deletion of Nonadministered Remote Subscribers	This is used to remove large numbers of nonadministered remote subscribers to make room for administered remote subscribers. The specified remote subscribers are not deleted immediately. They will be removed during the nightly audit, or demand subscriber data audit.	y (enables) n (disables	n
Days without Activity	The number of days after which the nonadministered remote subscribers with no activity are automatically removed during the nightly audit. This happens if the subscriber deletion option is turned on.	0 - 99	0
Even If on a Mailing List	This indicates whether the nonadministered remote subscribers with no recent activity should be removed by the audit even if they are on the mailing list. If this field in 'n', the subscribers on the mailing list will not be removed even if they have had no recent activity.	y (enabled) n (disabled	n
Machine Names	If the remote nonadministered subscribers for ALL machines are to be removed, make sure all machine name fields are blank. If only subscribers from certain remote machines are to be removed, up to 8 machine names can be entered for this purpose.	1 - 10 character name	blank

display 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

```
drmfb14     Active    Alarms: MmwA  Thresholds: none                  Logins: 2
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: n

                       Enable Voice File Transfer: y

                            IMAPI Session Timeout: 5

                                  LAN IP Address: 135.9.180.17

                                 LAN Subnet Mask: 255.255.255.0

                  Default LAN Gateway IP Address: 135.9.180.254

                                 Link Integrity: y

enter command:
```

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 check_ new_messages	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 the following four fields is changed, you must perform a system reboot for the change to take affect.

LAN IP Address	The LAN address of this AUDIX system. This is obtained from the LAN administrator.	*nnn.nnn.nnn.nnn* where *nnn* 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.	*nnn.nnn.nnn.nnn* where *nnn* 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.	*nnn.nnn.nnn.nnn* where *nnn* is a number from 1 to 126 or from 128 to 254. (You must enter ".")	
Link Integrity	Must be administered to indicate if the LAN Network Interface Card has link integrity turned on or off.	y (link integrity is on) n (link integrity is off)	y

display 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

```
drmfb2      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
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 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.

```
drmfb2      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
⚠ WARNING: *Reducing the maximum number of entries will cause the link log to be cleared.*			
Clear All Entries in Link Log?	Specifies whether the entries in the link log will be reset	y (pressing F3 (Enter) clears the link log) n (has no effect)	n

display System Parameters Maintenance

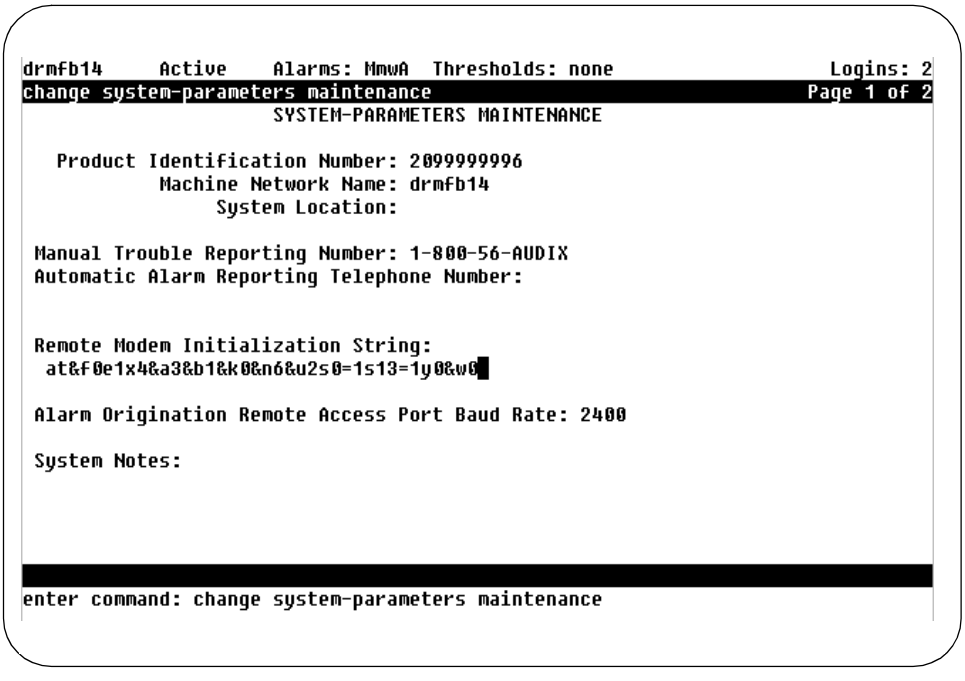
The System Parameters Maintenance screen is used to define system parameters related to installation and maintenance, including system serial number, name, location, alarm reporting telephone number, and other maintenance features.

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 two pages.



```
drmfb14     Active    Alarms: none  Thresholds: none                  Logins: 3
display system-parameters maintenance                                Page 2 of 2
                      SYSTEM-PARAMETERS MAINTENANCE

                  Alarm Origination Active? n
           All Alarms Resolved Notification? n

     ALARM ACTION:
                                             Major Minor
                                    System: 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

        Maximum Number of Event Log Entries: 10000


enter command: display system-parameters maintenance
```

Field Descriptions

Name	Description	Valid Entries	Default
PAGE 1			
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)	

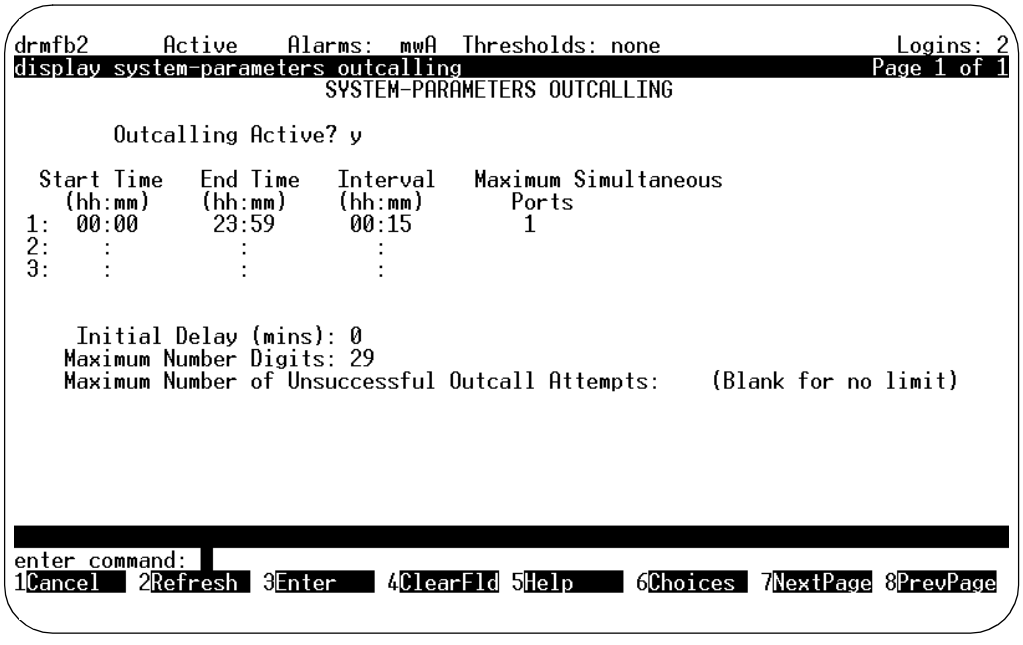
Name	Description	Valid Entries	Default
Automatic Alarm Reporting Telephone Number	Modem command string for automatic alarm referral calls generated by this DEFINITY AUDIX System Multiple commas (,) may be used for a greater delay time. If dialing from the internal tip/ring modem port, ATDT must be the 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 **ATDT9,1234567**.	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 *break* to an MPDM) AT (command the internal tip/ring modem port DT (dial on the internal tip/ring modem port)	blank
Remote Modem Initialization String	Initialization string required to set protocols that will allow DEFINITY AUDIX System to communicate with the external modem.	For the US Robotics Sportster 33.6: at&f0e1x4&a3&b1&k0&n6&u2s0=1s13=1y0&w0 For the Paradyne Comsphere models 3810 and 3820: at&f0e1b0x6y0&d2&t5\k1\q0%c0”h0s41=3s49=0s55=1&w0 For the Paradyne Comsphere model 3910: at&f0e1x6y0&d2&t5\k1\q0%c0”h0s41=3s49=0s55=1&w0 In the initialization string, the letters must be all capitalized or all lower case. If you have a modem other than the ones listed above, see *Installation and Switch Administration for the DEFINITY AUDIX System Release 4.0,* 585-300-122.	at&f0e1x4&a3&b1&k0&n6&u2s0=1s13=1y0&w0
Alarm Origination Remote Access Port Baud Rate	Baud rate used when originating an outgoing alarm call	1200, 2400, 4800, 9600.	
System NOTEs	Used to enter NOTEs about this system, such as installation dates, upgrade specifications and dates, hardware replacement records	up to four 80 character lines of alphanumeric character	blank

Name	Description	Valid Entries	Default
PAGE 2			
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
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
Alarm Action	Alarm action for major & minor alarms for each alarm category. call or none for each alarm type (major or minor) for each alarm category. Relay and both for major alarms only for each alarm category. If Alarm Origination is not active then the **both** and **call** are affected as follows. If **both** was specified, the DEFINITY AUDIX System operates only the relay contact closure. If **call** 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
	NOTE: Alarm origination cannot be activated unless the Product ID Number and Automatic Alarm Reporting Telephone Number fields are filled in.		
Close Contacts on Alarm Origination Failure?	Specifies whether to operate relay contact closures when alarm origination fails for major alarms with call specified.	y (operate relay-contact closures) n (do not operate relay-contact closures)	y
Maximum Number of Event Log Entries	Maximum number of entries in the event log.	1 to 30000	10000

change/display 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



```
drmfb17     Active    Alarms:  mwA  Thresholds: lower                  Logins: 2
change 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
    Maximum Number of Unsuccessful Outcall Attempts:    (Blank for no limit)




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

Field Descriptions

Name	Description	Valid Entries	Default
Outcalling Active?	Enables outcalling on a system wide 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
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
Maximum Number of Unsuccessful Outcall Attempts	If the field is blank, the system will periodically outcall to give notice of a new message until the targeted subscriber logs in on the outcall or retrieves all new messages. If outcalled is turned on, and there are priority messages, the subscriber can retrieve all new priority messages. If the field is set to a value from 1-99, the system will outcall up to this limit or until the targeted subscriber logs in on the outcall or retrieves all new (or new priority) messages. Outcalling will be restarted once the subscriber retrieves the messages and another new message is received.	1 - 99	blank

change System-Parameters Password

The System Password screen is used to change the system password.

change system-parameters password

```
drmfb2      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
```

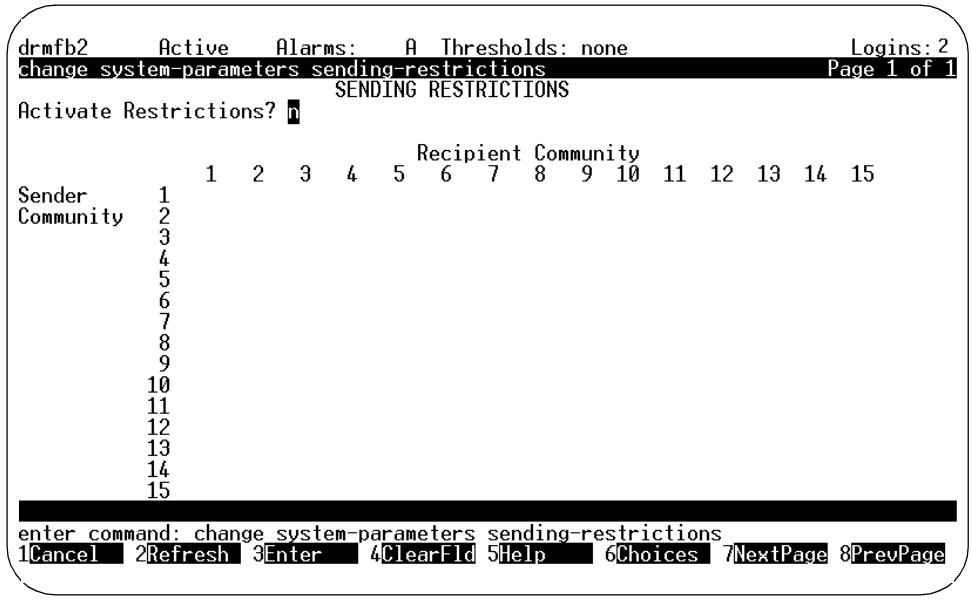
Field Descriptions

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.	

display/change System-Parameters- Sending Restrictions

The Sending Restrictions screen activates the sending restrictions feature or specifies a matrix of sending restriction communities.

display system-parameters sending-restrictions
change system-parameters sending-restrictions



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 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

```
drmfb2      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
SUBSCRIBER MESSAGE SPACE WARNING			
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
SYSTEM STORAGE SPACE			
NOTE: The threshold value is interpreted as a percent of total system message space. When this threshold is reached, a warning message (*lower*, *middle*, or *upper*) 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 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.

```
drmfb2      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.		
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)

Name	Description	Valid Entries
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 **y** in the Synchronize to Switch field and press F3 (Enter). 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:	display only field
	All Ports are busy	A port is needed to synchronize with the switch. All the ports are busy handling calls or have been busied out on the switch.
	Unknown Failure	Internal software error.
	Invalid Switch year	The AUDIX date starts at 1990. The switch date is less than 1990
	Failed	An error was generated when getting the time from the switch.
	CNV_SW_TIM_FAIL	The switch time is invalid.
	TIM_DIF_OUT_BNDS	The switch time and AUDIX time are out of required bounds. (This should not show up for synchronize to switch time at all.)
	Invalid MP name	Internal software error

Sample Tasks

To synchronize the DEFINITY AUDIX time with the switch time:

1. Type **set time** and press F3 (Enter).
2. Type **y** in the Synchronize to Switch? field, and press F3 (Enter) to invoke the operation.

To set the current Year, Month, Day, Hour, or Minute:

1. Type **set time** and press F3 (Enter).
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 F3 (Enter) 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.

change/display Transfer-Dialplan

The Transfer-Dialplan screen is used to define the dialplan information used for a valid transfer out of DEFINITY AUDIX. This screen allows the administrator to describe the extensions to which transfers are permitted, and the subset of extensions to which transfers are not permitted.

change transfer-dialplan
display transfer-dialplan

```
drmfb2      Active    Alarms:  mwA  Thresholds: none                    Logins: 2
change transfer-dialplan                                              Page 1 of 1
                                TRANSFER DIALPLAN

 Permit Call Transfers to Extensions Matching (use 'X' to wildcard):
   _




 Restrict Call Transfers to Extensions Matching (use 'X' to wildcard):




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

If users are permitted to transfer out of the DEFINITY AUDIX voice mail system, security concerns require that the administrator be able to restrict transfer to a certain set of extensions.

Field Description

Name	Description (display only)	Valid Entries
Permit Extension	This defines an extension template of an extension to which transfers out of the system **are** permitted.	The extension template must be the same length as a valid mailbox extension for the voice mail system. The extension template must begin with a digit with subsequent characters as either digits or a wildcard (X, or x) If the extension length is 5 characters, 80000 is valid and 74x is not; 74xxx is.
Restrict Extension	This defines an extension template of an extension to which transfers out of the system **are not** permitted.	

save Voice

The Save Voice screen is used to perform a manual backup of the voice filesystem.

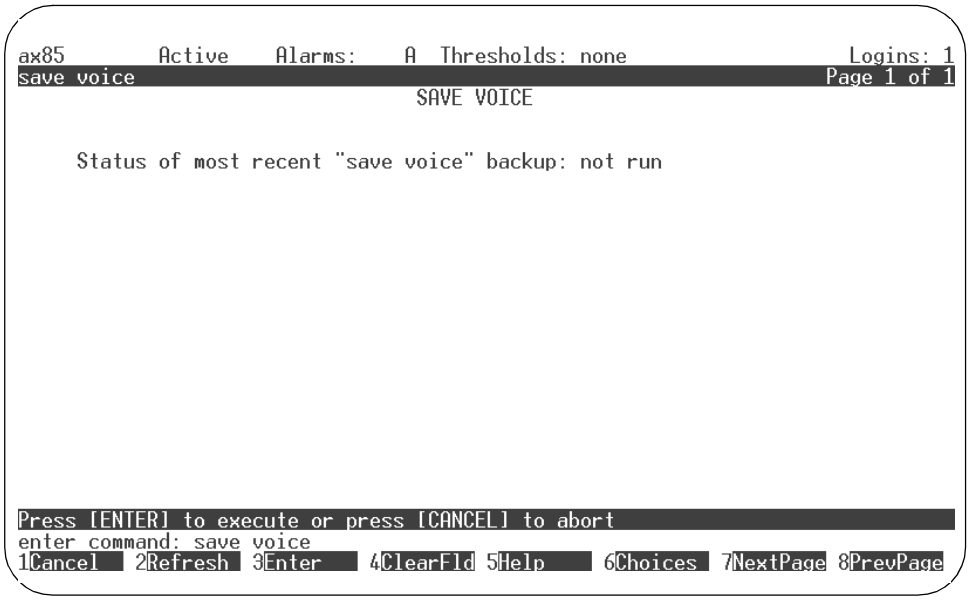
save voice

Adds the backup to the existing backups on the MO disk.

save voice initialize

Removes all data on the MO disk before backing up the data.

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



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

This screen is used to perform a save of the voice file system. You can perform this save by adding the data to the data that already exists on the MO disk, or you can erase the MO disk and add the new data in one operation. Erase the MO disk if the disk is full, or if it has a corrupt file system. If the MO disk is full or has a corrupt file system, the system will generate an alarm.

NOTE:
Once started, the save voice operation cannot be cancelled.

Saving data by adding it to existing data on the MO disk:

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

Saving data while erasing the MO disk:

1. Type **save voice initialize** and press F3 (Enter).
2. Check displayed backup status and press F3 (Enter) to confirm erasure of the MO disk and proceed with the backup or F1 (Cancel) to cancel the operation. The save operation will proceed in the background.

To verify that the save has been performed, type **display backups**.

Additional Specifications

Once started, the save voice 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 Voice screen.

audit Voice Files

The Audit Results screen initiates a demand audit on voice files and displays the results of the audit. This audit ensures that each voice message file is associated with a subscriber's mailbox.

audit voice-files

```
drmfb17     Active     Alarms:  mwA  Thresholds: none                  Logins: 3
audit voice-files
                                AUDIT RESULTS                Date: 05/31/95 13:12

                    Audit Name              Result
                    Clean cache             P Passed
                    Audit Voice Files       P Passed




Command Successfully Completed
enter command:
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.
Clean Cache	Writes data to disk
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 Voice-Group

The Busyout/Release Voice Group screen enables the system administrator to busyout or release a voice group and to display the results of the busyout or release operation.

busyout voice-group

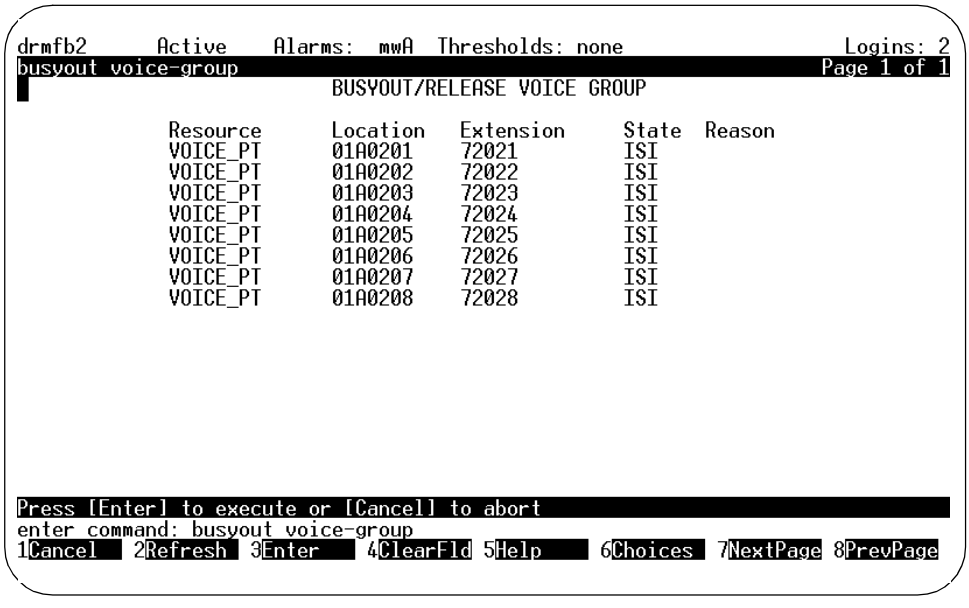
Takes the voice group out of service. Marks the voice group as unavailable for new service but its current use is allowed to complete.

busyout voice-group forced

Removes voice group from service immediately (all calls in progress are dropped.)

release voice-group

Returns the voice group to service.



Field Descriptions

Name	Description (display only)
Resource	Voice group being busied out or released. This is always VOICE_PT on this screen.
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 busyout a voice group:

1. Type **busyout voice-group** and press F3 (Enter).
2. Press F1 (Cancel) to abort the operation and exit the screen.
3. Press F3 (Enter) to invoke the busyout operation.

To return a port to service:

1. Type **release voice-group** and press F3 (Enter).
2. Press F1 (Cancel) to abort the operation and exit the screen.
3. Press F3 (Enter) to invoke the release operation.

Additional Specifications

Service affecting. Any ports that are busied out cannot be used to send or receive calls.

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

```
drmfb14     Active    Alarms: none  Thresholds: none                  Logins: 3
change voice-group                                                   Page 1 of 1
                                  VOICE GROUP

          Member  Port    Extension           Member  Port    Extension

             1    01B1801 63001                 2    01B1802 63002
             3    01B1803 63003                 4    01B1804 63004
             5    01B1805 63005                 6    01B1806 63006
             7    01B1807 63007                 8    01B1808 63008
             9                                 10
            11                                 12

enter command: change voice-group
```

Field Descriptions

Name	Description	Valid Entries
Port	Voice port location assigned to this voice group, as well as define the DEFINITY AUDIX circuit pack 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. The first five characters specify the circuit pack location, 01a02 in the above example. This number must be identical for all voice ports. Only the last two digits of the voice port location, the voice port number, is different for different voice ports. (The circuit pack location is used in the error log, alarm log, event log, and other maintenance displays to identify the reported board.) **NOTE:** No more voice ports may be administered than the customer has paid for as determined by the System-Parameters Customer Options screen. Voice port locations may not be duplicates.	Port is the form of port-network carrier board slot, i.e., 1A0401.
Extension	The extension attached to the port. A port without an administered extension number is not used by the DEFINITY AUDIX System.	A switch extension number with length equal to the administered extension length on the Change Machine Location screen, up to and including a 10-digit number.

NOTE:
For each nonblank voice-port location or extension, there is a corresponding nonblank extension (or voice-port location). If both are present and one has been blanked, the corresponding port is removed.

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 Voice Group Status screen displays status and translation data for each voice port in the system. One line per voice port appears.

status voice-group

```
drmfb14     Active    Alarms: none  Thresholds: none                  Logins: 3
status voice-group
                          VOICE GROUP STATUS

                                        Port      Processor
      Resource    Member  Extension     Location  Location  State   Reason
      VOICE_PT      1     63001         01B1801     01B18     ISI
      VOICE_PT      2     63002         01B1802     01B18     ISI
      VOICE_PT      3     63003         01B1803     01B18     ISI
      VOICE_PT      4     63004         01B1804     01B18     ISI
      VOICE_PT      5     63005         01B1805     01B18     ISI
      VOICE_PT      6     63006         01B1806     01B18     ISI
      VOICE_PT      7     63007         01B1807     01B18     ISI
      VOICE_PT      8     63008         01B1808     01B18     ISI

enter command:
```

Field Descriptions

Name	Description (display only)
Resource	Resource, VOICE_PT
Member	Voice port number for the voice port of this row of the display
Extension	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.

Name	Description (display only)
Processor Location	Slot location for the circuit pack 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.
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 initiates a weekly backup to the MO disk. This consists of recorded names of subscribers. If **initialize** is specified, all data is erased from the MO disk before the backup starts, otherwise the data is added to the files already on the MO disk. If **locals-only** is specified, only the recorded names of local subscribers are written to the tape. If **all** is specified, local and remote subscribers are recorded. **All** is assumed if neither is specified.

save weekly
save weekly all
save weekly all initialize
save weekly locals-only
save weekly locals-only initialize
save weekly initialize

The ***initialize*** option will erase the existing data on the MO disk**.**

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

```
drmfb17     Active     Alarms:  mwA  Thresholds: none                  Logins: 2
save weekly                                                          Page 1 of 1
                  SAVE WEEKLY - LOCAL AND REMOTE SUBSCRIBERS


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









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

Field Description

Field	Description (Display only)
Status of most recent backup	“in progress” backup is currently running “failed” backup failed “completed” backup completed successfully “not run” backup not run since last restart/reboot

Sample Tasks

This screen is used to perform an immediate save of the data that is backed up automatically each week. You can perform this save by adding the data to the backups that already exist on the MO disk, or you can erase the MO disk and add the new data in one operation. Erase the MO disk if the disk is full, or if it has a corrupt file system. If the MO is full, or if it has a corrupt file system, the system will generate an alarm.

Backing up data by adding it to existing backups on the MO disk:

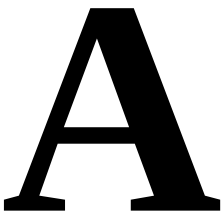
1. Type **save weekly** and press F3 (Enter).
2. Press F3 (Enter) to proceed with the backup or F1 (Cancel) to cancel the operation. The save operation will proceed in the background.

Backing up data while erasing the MO disk:

1. Type **save weekly initialize** and press F3 (Enter).
2. Check displayed backup status and press F3 (Enter) to confirm erasure of the MO disk and proceed with the backup or F1 (Cancel) to cancel the operation. The save operation will proceed in the background.

To verify that the backup has been performed, type **display backups**.

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 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.
aand	`Auto-attendant schedules and routing information missing, using defaults`	Readminister auto-attendant data
adm	`Guest password is less than the minimum required length. Please change it`	Change guest password by invoking the SYSTEM-PARAMETERS FEATURES screen.
apib	`Break-in Attempt into mailbox owned by <name>, <extension> from API`	Check into this — Could be an indication of toll fraud!

Continued on next page

Table A-1. Administration Log Entries — *Continued*

Search String	Message	Action
atpg	Attendant <extension> does not have a personal greeting recorded	Record the attendant menu.
attm	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.
attm	Attendant %s has no buttons defined. Should this be a bulletin board?	Define the extension as a bulletin board.
attm	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.
attm	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.
attm	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.
attm	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.
attm	Attendant <extension> choice has invalid treatment <type>	Invoke the CHANGE SUBSCRIBER screen to repair the Auto Attendant problem.
attx	Transfer not allowed and attendant <extension> allows transfer	Turn on transfer using the CHANGE SYSTEM-PARAMETERS FEATURES screen.
attx	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.

Continued on next page

Table A-1. Administration Log Entries — *Continued*

Search String	Message	Action
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
clrd	Administration log recovered during audit	None
clrd	Administration log recreated during audit	None
clrd	Administration log recreated during initialization	None
cmty	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 the AUDIX System and the switch about a subscriber's MWL. Could be caused by a race condition. If the subscriber complains often, contact the RSC.
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.
dupt	duplicate touch tones	Change name of duplicate mailbox.
dups	duplicate subscriber	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
furm	Starting full update	None

Continued on next page

Table A-1. Administration Log Entries — *Continued*

Search String	Message	Action
furm	Full update (not including names) completed from <machine name>	None
furm	Full update completed - names received successfully from <machine name>	None
furm	Full update completed - no names needed from <machine name>	None
furm	Full update failed from <machine name>	Check port status.
furm	Remote update discrepancies require full update from <machine name>	None
furm	Local update discrepancies require full update from <machine name>	Check permission.
furm	Full update denied due to permission from <machine name>	Check permission.
furm	Full update aborted and transmissions temporarily disabled due to errors from <machine name>	Check permission.
furm	Full update aborted and transmissions temporarily disabled due to errors from <machine name>	Check permission on local and remote system.
furm	A full update has been requested by <machine name>	None
furm	Full update (not including names) completed to <machine name>	None
furm	Full update (not including names) completed to <machine name>	None
furm	Update discrepancies require full update to <machine name>	None
furm	Unable to perform requested full update to <machine name>- updates temporarily disabled	Check permission.
furm	No permission for requested full update to <machine name>	Check permission.

Continued on next page

Table A-1. Administration Log Entries — *Continued*

Search String	Message	Action
furm	Extension missing causing a full update <machine name> <type> (extension>	None
furm	Extension ADD causing a full update <machine name> <extension>	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 RSC.
laom	Maintenance port busy, Alarm Origination calls blocked	Log off the maintenance port.
laom	Alarm Origination line disconnected	Call the RSC.
laom	Alarm Origination call failed	Call the RSC.
laom	No answer to an Alarm Origination call at the far end	Call the RSC.
laom	No acknowledgement of transmission of an Alarm Origination call	Call the RSC.
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.
link	Link integrity has been reset to n/y	
lnnr	Name not recorded for <name> extension <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!

Continued on next page

Table A-1. Administration Log Entries — *Continued*

Search String	Message	Action
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!
lsos	System out of space	Inform subscribers to delete unnecessary messages or greetings. (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 for old and filed messages and then execute. Run AUDIT MAILBOXES. Unused announcements and announcement sets can also be removed. Or you can decrease the number of subscribers, or delete unnecessary remote subscribers.
lsxl	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.
msot	Message space threshold - upper	Check the DISPLAY SYSTEM-PARAMETERS THRESHOLD screen. Inform subscribers to delete unnecessary messages or greetings. (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 for old and filed messages and then execute. Run AUDIT MAILBOXES. Unused announcements and announcement sets can also be removed. Or you can decrease the number of subscribers, or delete unnecessary remote subscribers.
msot	Message space threshold - middle	
msot	Message space threshold - lower	
msut	Message space threshold - retired	None — Indicates the time when the threshold was resolved.

Continued on next page

Table A-1. Administration Log Entries — *Continued*

Search String	Message	Action
ncol	name conflict	Change name of duplicate mailbox or remote machine, then rerun GET REMOTE.
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.
ncfl	Connect success to machine <machine-name>	None
ncfl	Connect failure to machine <machine-name> (busy) or (dial denied) or (try again) or (no answer) or (no carrier) or (protocol handshake failure) or (premature hang up) or (unknown reason)	None
ndig	Network machine (machine-name) has illegal extension size	Administer the machine's extension size by executing the CHANGE MACHINE screen.
ndny	Remote subscriber update from <machine name> denied	Check permission.
ndsd	Remote subscribers are deleted	None
nloc	Local node record missing, default inserted	Administer the local machine by executing the CHANGE MACHINE screen.
nlrl	Rejected login from remote machine - invalid password	Check password.
nlrl	Rejected login from remote machine - unknown machine name	Check machine name.
nmar	Cannot add remote subscriber - system limit exceeded	Increase system limit for remote subscriber.
nmar	Disabling incoming network administrative updates.	Run "audit network-data" to enable updates.
nmar	Enabling incoming network administrative updates.	None

Continued on next page

Table A-1. Administration Log Entries — *Continued*

Search String	Message	Action
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.
nmtt	Message transmission threshold reached for machine <machine name>	Check if the message can be sent to that machine by invoking the System-Parameters Thresholds screen.
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, or administered users on this node using ADD REMOTE-SUBSCRIBER.
nprm	One network port removed during upgrade	
nrli	Connect to machine <machine name> aborted - invalid machine name	Check machine name on local and remote system by invoking the Machine Profile screen.
nrli	Connect to machine <machine name> aborted - invalid password	Check password on local and remote system by invoking the System-Parameters Network screen.
nrli	Connect to machine <machine name> aborted - permission denied	Check dial string.
nrli	Connect to machine <machine name> aborted - (seize or dial failed)	Check net-port status.
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	Inform subscribers to delete unnecessary messages or greetings. (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 for old and filed messages on the class of service screens and then execute. Run AUDIT MAILBOXES. Unused announcements and announcement sets can also be removed. Or you can decrease the number of subscribers, or delete unnecessary remote subscribers.
nsua	Full update requested but remote update permissions denied	Turn on permission.

Continued on next page

Table A-1. Administration Log Entries — *Continued*

Search String	Message	Action
ntrn	Unable to read machine information for node <node id>	Check remote machine form.
pafd	System profile corrupt, Password Aging DISABLED!	To turn on the feature, check the entries for the PASSWORD AGING LIMITS fields on the CHANGE SYSTEM-PARAMETERS FEATURES screen.
pewd	System profile corrupt, password warning DISABLED!	To turn on the feature, check the entries for the PASSWORD AGING LIMITS fields on the CHANGE SYSTEM-PARAMETERS FEATURES screen.
pglt	Automated Attendant menu lost for all calls, extension <called_extension>	Rerecord menu. (Automated Attendant not available.)
pglt	Automated Attendant menu lost for out-of-hours calls, extension <called_extension>	Rerecord menu. (Automated Attendant not available.)
pglt	Automated Attendant menu lost for internal calls, extension <called_extension>	Rerecord menu. (Automated Attendant not available.)
pglt	Automated Attendant menu lost for external calls, extension <called_extension>	Rerecord menu. (Automated Attendant not available.)
pglt	Automated Attendant menu lost for busy calls, extension <called_extension>	Rerecord menu. (Automated Attendant not available.)
pglt	Automated Attendant menu lost for no-answer calls, extension <called_extension>	Rerecord menu. (Automated Attendant not available.)
pglt	Automated Attendant menu lost for unknown calls, extension <called_extension>	Rerecord menu. (Automated Attendant not available.)
pglt	Bulletin Board message lost for all calls, extension <called_ extension>	Rerecord Bulletin Board announcement. (Bulletin Board not available.)
pglt	Bulletin Board message lost for out-of-hours calls, extension <called_extension>	Rerecord Bulletin Board announcement. (Bulletin Board not available.)
pglt	Bulletin Board message lost for internal calls, extension <called_extension>	Rerecord Bulletin Board announcement. (Bulletin Board not available.)
pglt	Bulletin Board message lost for external calls, extension <called_extension>	Rerecord Bulletin Board announcement. (Bulletin Board not available.)

Continued on next page

Table A-1. Administration Log Entries — *Continued*

Search String	Message	Action
pglt	Bulletin Board message lost for busy calls, extension <called_ extension>	Rerecord Bulletin Board announcement. (Bulletin Board not available.)
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. (Bulletin Board not available.)
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.
pmad	System profile corrupt, minimum password age DISABLED!	To turn on the feature, check the entries for the PASSWORD AGING LIMITS fields on the CHANGE SYSTEM-PARAMETERS FEATURES screen.
rest	Restore failed	Try each of the following in order until the restore succeeds: Retry the restore using the RESTORE screen. Change the MO disk. Call the RSC.
rest	Restore passed	None

Continued on next page

Table A-1. Administration Log Entries — *Continued*

Search String	Message	Action
rest	Restore aborted	Try each of the following in order until the restore succeeds: Retry the restore using the RESTORE screen. Change the MO disk. Call the RSC.
rest	Unknown issue	Call the RSC.
rest	Unknown release	Call the RSC.
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.
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 save succeeds: Retry the save using the SAVE screen. Try the save with the initialize option. Change the MO disk. Call the RSC.
save	Save passed	None
save	Save aborted	Try each of the following in order until the save succeeds: Retry the save using the SAVE screen. Try the save with the initialize option. Change the MO disk. Call the RSC.
save	Automated save weekly is disabled	Enable the automated weekly save.
save	Backup device added	None
save	Removing backup device	None
save	Volume label check failed	Run add mo-disk initialize command
save	Remove tape for rewind	None

Continued on next page

Table A-1. Administration Log Entries — *Continued*

Search String	Message	Action
save	Remove Mo for initialize	None
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 failed: backup device full	The MO disk is full.The initialize 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 backup device - room for <n> more automated save nightlies	If you want to keep these backups, invoke REMOVE MO-DISK, replace the MO disk currently in the system, and invoke ADD MO-DISK.
spce	Automated save nightly removing oldest backup	Indicates that the oldest previous backup is being removed to make room for the current save.
spce	Automated save weeklies removing oldest backup	Indicates that the oldest previous backup is being removed to make room for the current save.
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' (<extension1>) not unique. See <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.
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.

Continued on next page

Table A-1. Administration Log Entries — *Continued*

Search String	Message	Action
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 *Installation and Switch Administration for the DEFINITY AUDIX System Release 4.0,* 585-300-122.
sxlt	Failed to get name/extension pair from the switch	For some reason, during the switch names audit, the switch did not respond when the AUDIX System 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 *Installation and Switch Administration for the DEFINITY AUDIX System Release 4.0,* 585-300-122.
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 *Installation and Switch Administration for the DEFINITY AUDIX System Release 4.0,* 585-300-122.

Continued on next page

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 *Installation and Switch Administration for the DEFINITY AUDIX System Release 4.0,* 585-300-122.
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 *Installation and Switch Administration for the DEFINITY AUDIX System Release 4.0,* 585-300-122.
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 fileysystems exist? — Is system hardware bad or improperly seated? — If no alarms are present, call the RSC.
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. In the switch translations, the Calling Permission field on the Class of Restriction (COR) screen was set to n. Change to **y** for the port test to pass. Check switch administration of the AUDIX port and ensure that the station name begins with A U D I X. See *Installation and Switch Administration for the DEFINITY AUDIX System Release 4.0,* 585-300-122.

Continued on next page

Table A-1. Administration Log Entries — *Continued*

Search String	Message	Action
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 *Installation and Switch Administration for the DEFINITY AUDIX System Release 4.0,* 585-300-122. 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 *Installation and Switch Administration for the DEFINITY AUDIX System Release 4.0,* 585-300-122.
sxlt	Display button <_____> (port <port>) might not have directory feature	Check if feature is active. See *Installation and Switch Administration for the DEFINITY AUDIX System Release 4.0,* 585-300-122.
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 *Installation and Switch Administration for the DEFINITY AUDIX System Release 4.0,* 585-300-122.
sxlt	Port (<port>) might not have date-time feature	Check if feature is active. See *Installation and Switch Administration for the DEFINITY AUDIX System Release 4.0,* 585-300-122.
sxlt	Unable to correctly parse time, time data: <_____>	Check the switch administration of the AUDIX ports, especially the date-time button. See *Installation and Switch Administration for the DEFINITY AUDIX System Release 4.0,* 585-300-122.
sxlt	Invalid month received: <month>	Call the RSC.
sxlt	Invalid weekday received: <weekday>	Call the RSC.
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.

Continued on next page

Table A-1. Administration Log Entries — *Continued*

Search String	Message	Action
sxlt	AUDIX subscriber (ext <extension>) may have LWC disabled	Check that LWC is not disabled on the switch's CHANGE STATION screen, or that a subscriber without a corresponding switch station must have switch number set to 0.
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 RSC.
traf	Subscriber traffic file corrupt	Call the RSC.
traf	Remote message traffic corrupt	Call the RSC.
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.

Continued on next page

Table A-1. Administration Log Entries — *Continued*

Search String	Message	Action
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 RSC 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.
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 RSC.
undm	Undeliverable message from <extension1> to <machine_name> <extension2>. AMIS returned message	Call the RSC.
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.
vprm	voice port [port num] removed due to upgrade	
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.

Abbreviations

A

AC
alternating current

ACD
automatic call distribution

ADAP
administration and data acquisition package

ADU
asynchronous data unit

ALT
assembly load and test

AMIS
Audio Messaging Interchange Specification

API
application programming interface

AUDIX
Audio Information Exchange

AWG
American wire gauge

B

BIOS
basic input/output system

bps
bits per second

BRI
basic rate interface

BSC
binary synchronous communications

BTU
British thermal unit

C

CCA
call classification analysis

CDH
call data handler process

CELP
code excited linear prediction

CIC
customer information center

CICS
customer information control system

CL
control link

CMC
Compact Modular Cabinet

CO
central office

COIN
central office implemented network

COM1
serial communications port 1

COM2
serial communications port 2

COR
class of restriction

COS
class of service

CPU
central processing unit

CSI
called subscriber information

CTS
clear to send

D

DAC
dial access code

DC
direct current

DCE
data communications equipment

DCIU
data communications interface unit

DCP
digital communications protocol

DCS
distributed communications system

DID
direct inward dialing

DIP
data interface process

DMA
direct memory access

DNIS
dialed number identification service

DOSS
Delivery Operations Support System

DS
display set

DSP
digital signal processor

DSU
data service unit

DTE
data terminal equipment

DTMF
dual tone multifrequency

DTR
data terminal ready

E

EIA
Electronic Industries Association

ESD
electrostatic discharge

ESS
electronic switching system

F

F
Fahrenheit

FIFO
first-in first-out

FOOS
facility out of service

G

GBCS
Global Business Communications Systems

GOS
grade of service

H

Hz
hertz

I

IDI
isolating data interface

IMAPI
INTUITY messaging application programming interface

IMM
INTUITY Message Manager

INADS
initialization and administration system

I/O
input/output

IRQ
interrupt request

ISDN
integrated services digital network

IVC6
integrated voice CELP card (6 channels)

K

Kbps
kilobits per second

KB
kilobyte (1024 bytes)

kHz
kilohertz

L

LAN
local area network

LCD
liquid crystal display

LED
light-emitting diode

LWC
leave word calling

M

m
meter

MANOOS
manually out of service

MB
megabyte (one million bytes)

MCC
Multi-Carrier Cabinet

MHz
megahertz

MO
magneto-optical

modem
modulator/demodulator

MPDM
modular processor data module

ms
millisecond

MT
maintenance (Lucent INTUITY software component)

MTBF
mean time between failures

MWI
message-waiting indicator

N

NW
INTUITY AUDIX Digital Networking

O

OA&M
operations, administration, and maintenance

OS
operating system

P

PBX
private branch exchange

PC
power converter or personal computer

PDM
processor data module

PEC
price element code

PGATE
Processor Gateway

PI
Processor Interface

POST
power-on self test

ppm
parts per million

psi
pounds per square inch

R

RAM
random-access memory

REN
ringer equivalence number

ROM
read-only memory

RSC
Lucent's Remote Services Center

RTS
request to send

RTU
right to use

S

SCC
Single-Carrier Cabinet

SCSI
small computer systems interface

SID
switch integration device

SIMM
single in-line memory module

SMSI
simplified message service interface

SW
switch integration (Lucent INTUITY software component)

T

TDD
telecommunications device for the deaf

TDM
time division multiplex

T/R
tip/ring

TRIP
tip/ring input process

TSC
Lucent's Technical Services Center

TTY
teletypewriter

U

UCD
uniform call distribution

UPS
uninterruptible power supply

V

VM
INTUITY AUDIX Voice Messaging

VP
voice platform (INTUITY software component)

VR
INTUITY Intro Voice Response

VROP
voice response output process

Glossary

NUMERIC

10BaseT
A network baseband medium using twisted pair wire, 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.

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.

Analog Port Emulation
One of the two port emulation modes that the DEFINITY AUDIX system may employ. The other mode is digital port board emulation. When emulating an analog port board (the TN746), only control link (CL) integration is possible.

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.

Announcement Set
A set of audible menus the DEFINITY AUDIX system uses to prompt subscribers or callers for command choices.

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.

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; some 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 that 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. Customers can set up multiple automated attendants to accommodate their business hours or holidays.

B

Backup
A duplicate copy of a filesystem saved on a MO disk. 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
Transmission signaling rate.

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.

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 this feature 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 system's main 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).

Configuration
The particular composition and hardware selected for a system, including internal options and peripheral equipment.

Control Link (CL)
The 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 over a DCIU data link. The control messages are transmitted over a separate cable connection and 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, R2.0 or later, is connected to the switch via analog-line card emulation and a digital connection.

D

Delivery Operations Support System (DOSS) Configurator
Lucent Technologies' algorithmic system for configuring products for customers' specific needs.

Digital Communications Protocol (DCP)
An Lucent Technologies proprietary protocol for networking remote communication systems.

DCP Mode 1
A Lucent Technologies proprietary Digital Communications Protocol (DCP) connection using a data rate of 56 Kbps for AUDIX Digital Networking. DCP Mode 1 uses a DS1 facility on the switch or a dedicated facility on the switch or a dedicated facility on a T1 carrier.

DCP Mode 2
DCP Mode 2 is an asynchronous, low-speed (9600 bps) connection for AUDIX Digital Networking. DCP Mode 2 uses a modem/data module or modem/Asynchronous Data Unit (ADU) arrangement and connects over analog or voice-grade data lines. DCP Mode 2 Digital Networking connections are configured using EIA RS-232 Asynchronous protocol. These connections are sometimes called EIA RS-232 or RS-232 ASYNC connections.

DCP Mode 3
A DCP connection using a data rate of 64 Kbps for AUDIX Digital Networking. DCP Mode 3 uses a DS1 or ISDN facility on the switch or a dedicated facility on a T1 carrier.

Default
A value that is automatically supplied if no other value is specified.

Digital Port (DP) Emulation
The DEFINITY AUDIX system's method of operating within a switch as a digital port circuit pack—either a TN2181 or a TN754.

Digital Signal Processor (DSP)
Programmed RAM chips on the TN568 that provide signaling, power-level control, speech coding, and data processing.

Display Set (DS) Integration
A new term that replaces the term digital port integration for R3.2 and later. It refers to the use of the display and other messages sent from the switch to the port board for providing voice mail integration with the switch. Integration with the switch is achieved via display set messages. The messages carry information such as calling party identification and message waiting indicator status and control.

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

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 that 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 Disk
A copy of the standard software and standalone utilities that is shipped with a new system.

Graceful Shutdown
Taking the DEFINITY AUDIX System offline (to the maintenance shutdown state) using RESET SYSTEM SHUTDOWN in a camp-on manner.

Ground Isolation
Ground isolation prevents an alternate return current path at the connecting interface. Return currents pass through the signal wire(s) in the interface connector cable rather than via “green wire ground”.

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

Hard Disk Drive
The disk drive the DEFINITY AUDIX system uses to actively save voice messages, personal greetings, subscriber profiles, automated attendants, and other data. The hard disk drive also stores the system's AUDIX software.

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 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.

INTUITY Message Manager
A personal computer application that is used for the retrieval and display of message headers, addressing to lists, managing personal greetings, and for creating, forwarding, and replying to voice mail messages.

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)
Release 4.0 uses three LEDs on the system's faceplate to report the system's status and to provide alarm and diagnostic information.

For Release 3.2 and earlier releases, 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.

Local Area Network (LAN)
A short distance data communications network used to link computers and peripheral devices under some form of standard control

Local Maintenance Terminal (LMT)
A display terminal located near the DEFINITY AUDIX System and the switch. It is temporarily attached to the DEFINITY AUDIX 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

Magneto-optical (MO) Disk
The storage medium used by the magneto-optical disk drive to store backups and other information. MO disks are removable and rewritable.

Magneto-optical (MO) Disk Drive
The device used to store nightly and weekly backups of customer data, install new software releases, restore the system and remove core dumps and other maintenance information. The drive stores information on an MO disk.

Mailbox
A portion of disk memory given to each subscriber for creating and storing outgoing and incoming messages.

Message-waiting Indicator (MWI)
A device on a telephone, either a message-waiting lamp or a display screen, that alerts subscribers to new messages.

Message-waiting Lamp
An LED on a telephone that alerts subscribers to new messages.

Migration
The replacement of an old hardware or software release with a new one. Changes from DEFINTIY AUDIX system releases earlier than 4.0 to Release 4.0 are called *migrations*.

Modem
A modulator/demodulator used for transmitting analog signals across telephone lines.

Multilingual System
A DEFINITY AUDIX System containing primary and secondary language announcement sets. A large (40 hour) system will hold up to nine different language sets. The Telecommunications Device for the Deaf (TDD) announcement set is treated as a multilingual option.

N

Native Mode
The ability of the switch to recognize the DEFINITY AUDIX as a DEFINITY AUDIX circuit pack. With native mode support, the switch reserves one slot for the DEFINITY AUDIX system. Additionally, the switch is able to correctly identify the DEFINITY AUDIX board in alarms sent to the Remote Services Center (RSC).

Non-native Mode
Without native mode, the TN568 slot is provisioned as a TN754, TN2181 or TN746B. The second slot occupied by the DEFINITY AUDIX system Release 4.0 is not reserved, and alarms are reported as alarms for a TN754, TN2181, or TN746B.

Null Modem Cable
A cable that transposes transmit and receive leads on an RS-232 connection.

O

Operating System (OS)
The set of programs that runs hardware and interprets software commands.

Operations, Administration, and Maintenance (OA&M)
A state of system operation where core processes of the system 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

Personal Greetings
Messages DEFINITY AUDIX subscribers create to greet callers when the subscribers are unavailable. Subscribers can change and administer personal greetings as necessary.

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.

Protocol
A set of specific rules, procedures, or conventions relating to forms and timing of data transmission between two devices.

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. Also see *boot*.

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.

RISC
Reduced Instruction Set Computer. Refers to computers based on an unusually high speed processing technology that uses a far simpler set of operating commands.

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 State
State 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 the MO disk and hard disk drives.

Standalone Utility
A software utility with options that include disk drive initialization, copying files from a generic MO disk 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 (TCP/IP)
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.

Telecommunications Device for the Deaf (TDD)
A category of DEFINITY AUDIX features, including personal greetings and announcement sets, that exchange text messages with subscribers or callers using teletypewriters.

Teletypewriter (TTY)
A device that uses Baudot tones to transmit text-based telephone messages for the hearing impaired. Subscribers or callers can use teletypewriters to access the DEFINITY AUDIX system if TDD features are enabled.

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.

TN568 Circuit Pack
The circuit board that performs the main processing functions on DEFINITY AUDIX system Release 4.0.

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, flashware, hardware, and/or data.

V

Voice Port
An electrical pathway that connects calls between two devices, such as telephones, switches, or voice messaging systems.

Index

Numerics

715 terminals, 1-11

A

abbreviations
  command line, 1-7
activity log report, 3-2
activity log system parameters, 3-202
adding an MO disk, 3-135
additional specifications, xiv
address ranges, 3-5
administration log, 3-6
administration log screen
  problems and repair actions, A-1
  search strings, A-1
alarm origination, 3-9
alarm report, 3-14
analog network system parameters, 3-204
announcement, 3-21
announcement set, 3-18
attendant, 3-26
audit
  mailboxes, 3-85
  mailing lists, 3-87
  maintenance logs, 3-88
  names, 3-141
  network data, 3-142
  personal directories, 3-152
  subscriber data, 3-174
  switch names, 3-186
  switch translations, 3-189
  voice files, 3-241
auto-attendant, 3-27
  business schedule, 3-28
  change routing, 3-27
  display routing, 3-27
  holiday schedule, 3-30
  list auto-attendant schedules, 3-35
  list routing, 3-27
  routing menu tree, 3-34
  routing table schedule, 3-32
  schedules, 3-35

B

backups, 3-37
  announcements, 3-24
  nightly, 3-150
  voice, 3-239
  weekly, 3-248
busyout a network port, 3-146
busyout a port, 3-154
busyout voice group, 3-242

C

change extensions, 3-65
class of service, 3-45
command format, xiii
command line, 1-5
  abbreviations, 1-7
  editing, 1-8
  help, 1-7
  history, 1-8
  objects, 1-6
  qualifiers, 1-6
  verbs, 1-6
command line verbs, 2-1, 2-14
  add, 2-3, 2-15
  audit, 2-3, 2-15
  busyout, 2-3, 2-16
  change, 2-4, 2-16
  copy, 2-4, 2-17
  disable, 2-4, 2-17
  display, 2-5, 2-18
  enable, 2-6, 2-18
  get, 2-6
  help, 2-6, 2-19
  list, 2-7, 2-20
  logoff, 2-7
  release, 2-8, 2-20
  remove, 2-8, 2-21
  reset, 2-8, 2-21
  restore, 2-8
  save, 2-8, 2-22
  set, 2-8, 2-22
  status, 2-9, 2-23
  test, 2-9, 2-23
commands, xiv, 1-5
community daily traffic, 3-89
community hourly traffic, 3-91
conventions used, xv
copy fragment, 3-69
customer options, 3-206

D

data entry, 1-10
data entry keys, 1-9
data rate field, 3-81
date and time, 3-235
disk status, 3-54
documentation
making comments, xvi

E

editing
command line, 1-8
error report, 3-56
event report, 3-60

F

feature daily traffic, 3-93
feature hourly traffic, 3-97
field descriptions, xiv
fragment screen, 3-68
function keys, 1-4

H

help, 1-9, 3-70
command line, 1-7
form, 1-9

I

imapi options, 3-217

K

keys
command line editing, 1-8
data entry, 1-10
function key equivalents, 1-5
function keys, 1-4

L

LAN test results, 3-71
list configuration, 3-44
list extension, 3-67
list machines, 3-78
list remote extensions, 3-158
load daily traffic, 3-105
load hourly traffic, 3-108
log connect events field, 3-82

M

machine profile, 3-73
machine profile, remote, 3-79
machine test results, 3-83
machines list, 3-78
mailboxes audit, 3-85
mailing lists audit, 3-87
maintenance logs audit, 3-88
maintenance system parameters, 3-224
measurements
community day, 3-89
community hour, 3-91
feature day, 3-93
feature hour, 3-97
load day, 3-105
load hour, 3-108
network load day, 3-101
network load hour, 3-103
remote messages day, 3-111
remote messages month, 3-115
special features day, 3-119
special features hour, 3-121
subscriber day, 3-123
subscriber month, 3-128
message transmission schedule field, 3-81
MO disk, 3-133
MO disk status, 3-136
MO disk test results, 3-138

N

names audit, 3-141
network data audit, 3-142
network group, 3-143
network load daily traffic, 3-101
network load day, 3-101
network load hour, 3-103
network load hourly traffic, 3-103

network port, 3-145
network port test results, 3-147
network turnaround field, 3-82
nightly backups, 3-150

O

objects
  command line, 1-6
outcalling system parameters, 3-228

P

password, 3-151
password field, 3-81
personal directories audit, 3-152
port busyout and release, 3-153

Q

qualifiers
  command line, 1-6

R

related documents, xvi
remote extensions list, 3-158
remote machine profile, 3-79
remote messages
  daily traffic, 3-111
  monthly traffic, 3-115
remote subscriber, 3-160
remote update request, 3-163
removing an MO disk, 3-135
reset system
  OA&M, 3-190
  reboot, 3-193
  restart, 3-196
  shutdown, 3-199
restoring backups, 3-40

S

sample tasks, xiv
save nightly, 3-149
screen layout, xiv, 1-3
screens
  alarm administration & maintenance
    display administration log, 3-6
    display alarms, 3-14
    display errors, 3-56
    display events, 3-60
    enable/disable alarm origination, 3-9
    test alarm origination, 3-11
    test board, 3-41
  announcement administration & maintenance
    add/remove annc-set, 3-18
    change/display/remove announcement, 3-21
    copy annc set, 3-19
    copy announcement, 3-22
    copy fragment, 3-69
    display/remove fragment, 3-68
    list AnncSet, 3-20
    save announcements, 3-24
  audit
    audit names, 3-141
    audit network-data, 3-142
    audit personal-directories, 3-152
    audit subscriber-data, 3-174
    audit switch names, 3-186
    audit switch translations, 3-189
    audit voice files, 3-241
    mailboxes, 3-85
    mailing lists, 3-87
  audit maintenance logs, 3-88
  backup & restore
    display/restore backups, 3-37
    save nightly, 3-149
    save voice, 3-239
    save weekly, 3-248
  command line use, 1-5
  commands, 1-5
  data entry, 1-9
  hard disk
    status disk, 3-54
  in alphabetical order, 3-1
  listed by verb and object, 2-9
  networking
    add/change/display/remove remote subscriber, 3-160
    change/display system parameters analog network, 3-204
    change/display system parameters imapi options, 3-217
    list address ranges, 3-5
    list remote extension, 3-158
    remote update request, 3-163
  organized by objects, 2-9
  organized by verbs, 2-1
  screen layout, 1-3

screens, (continued)
status
status MO disk, 3-136
status tests, 3-140
status voice group, 3-246
subscriber administration
add/change/display/remove subscriber, 3-164
change extensions, 3-65
list attendants, 3-26
list extensions, 3-67
list subscribers, 3-175
system administration
add/change/display/remove machine, 3-73
add/remove MO disk, 3-133
busyout/release switch link, 3-181
change password, 3-151
change system parameters password, 3-231
change/display COS, 3-45
change/display switch link (CL mode), 3-176
change/display switch link (DP Mode), 3-179
change/display switch time zone, 3-187
change/display system parameters activity log, 3-202
change/display system parameters customer options, 3-206
change/display system parameters features, 3-209
change/display system parameters limits, 3-220
change/display system parameters link log, 3-222
change/display system parameters maintenance, 3-224
change/display system parameters outcalling, 3-228
change/display system parameters sending restrictions, 3-232
change/display system parameters thresholds, 3-233
display/set time, 3-235
help, 3-70
list configuration, 3-43
list COS, 3-53
status switch link, 3-182
test LAN, 3-71
test switch link, 3-184
transfer dialplan, 3-238

screens, (continued)
system reset
reset system OA&M, 3-190
reset system reboot, 3-193
reset system restart, 3-196
reset system shutdown, 3-199
test
status tests, 3-140
test board, 3-41
test machine, 3-83
test MO disk, 3-138
test network port, 3-147
test port, 3-155
traffic
list measurement load day, 3-105
list measurement network load, 3-101
list measurement network load hour, 3-103
list measurements community day, 3-89
list measurements community hour, 3-91
list measurements feature day, 3-93
list measurements feature hour, 3-97
list measurements load day, 3-104
list measurements load hour, 3-108
list measurements remote messages day, 3-111
list measurements remote messages month, 3-115
list measurements special features day, 3-119
list measurements special features hour, 3-121
list measurements subscriber day, 3-123
list measurements subscriber month, 3-128
voice port administration & maintenance
busyout/release port, 3-153
busyout/release voice group, 3-242
change/display voice group, 3-244
status voice group, 3-246
test port, 3-155
send to non-administered recipients field, 3-81
sending restrictions, 3-232
set date and time, 3-235
special features daily traffic, 3-119
special features hourly traffic, 3-121
status audit, 3-36
status disk, 3-54
subscriber, 3-164
subscriber daily traffic, 3-123
subscriber data audit, 3-174
subscriber monthly traffic, 3-128
switch link busyout, 3-181
switch link DCIU SCI, 3-176
switch link embedded, 3-179
switch link status, 3-182

switch link test results, 3-184
switch names audit, 3-186
switch time zone, 3-187
switch translations audit, 3-189
synchronize time with switch, 3-237
system parameters
  activity log, 3-202
  analog network, 3-204
  customer options, 3-206
  features, 3-209
  imapi options, 3-217
  limits, 3-220
  link log, 3-222
  maintenance, 3-224
  outcalling, 3-228
  password, 3-231
  sending restrictions, 3-232
  thresholds, 3-233
system password, 3-231

T

test machine results, 3-83
thresholds, 3-233
time zone, switch, 3-187
trademark, xvi
transfer dialplan, 3-238

U

updates in field, 3-82
updates out field, 3-82

V

verbs
  command line, 1-6, 2-14
  see also command line verbs, 2-14
voice backup, 3-239
voice files audit, 3-241
voice group, 3-242, 3-244
voice group status, 3-246

W

weekly backups, 3-248