



# **INTUITY™ Messaging Solutions**

Release 5

Migration Procedures

585-313-118

Issue 4

June 2002

#### 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.

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The world wide web home page for Avaya is:  
<http://www.avaya.com>

#### Preventing Toll Fraud

Toll Fraud is the unauthorized use of your telecommunications system by an unauthorized party (for example, a person who is not a corporate employee, agent, subcontractor, or working on your company's behalf). Be aware that there is a risk of toll fraud associated with your system and that, if toll fraud occurs, it can result in substantial additional charges for your telecommunications services.

#### Avaya Fraud Intervention

If you *suspect that you are being victimized* by toll fraud and you need technical assistance or support, call the Technical Service Center's Toll Fraud Intervention Hotline at 1.800.643.2353.

#### Providing Telecommunications Security

Telecommunications security of voice, data, and/or video communications is the prevention of any type of intrusion to, that is, either unauthorized or malicious access to or use of, your company's telecommunications equipment by some party.

Your company's "telecommunications equipment" includes both this Avaya product and any other voice/data/video equipment that could be accessed via this Avaya product (that is, "networked equipment").

An "outside party" is anyone who is not a corporate employee, agent, subcontractor, or working on your company's behalf. Whereas, a "malicious party" is Anyone, including someone who may be otherwise authorized, who accesses your telecommunications equipment with either malicious or mischievous intent.

Such intrusions may be either to/through synchronous (time-multiplexed and/or circuit-based) or asynchronous (character-, message-, or packet-based) equipment or interfaces for reasons of:

- Utilization (of capabilities special to the accessed equipment)
- Theft (such as, of intellectual property, financial assets, or toll-facility access)
- Eavesdropping (privacy invasions to humans)
- Mischief (troubling, but apparently innocuous, tampering)
- Harm (such as harmful tampering, data loss or alteration, regardless of motive or intent)

Be aware that there may be a risk of unauthorized intrusions associated with your system and/or its networked equipment. Also realize that, if such an intrusion should occur, it could result in a variety of losses to your company, including but not limited to, human/data privacy, intellectual property, material assets, financial resources, labor costs, and/or legal costs).

#### Your Responsibility for Your Company's Telecommunications Security

The final responsibility for securing both this system and its networked equipment rests with you – an Avaya customer's system administrator, your telecommunications peers, and your managers. Base the fulfillment of your responsibility on acquired knowledge and resources from a variety of sources including but not limited to:

- Installation documents
- System administration documents
- Security documents
- Hardware-/software-based security tools
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- Telecommunications security experts

To prevent intrusions to your telecommunications equipment, you and your peers should carefully program and configure your:

- Avaya provided telecommunications systems and their interfaces
- Avaya provided software applications, as well as their underlying hardware/software platforms and interfaces
- Any other equipment networked to your Avaya products

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For additional documents, refer to the section in "About This Book" 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 Avaya Publications Center.

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EMC Directive 89/336/EEC

Low-Voltage Directive 73/23/EEC

For more information on standards compliance, contact your local distributor.

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# Contents

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About This Book .....	vii
Purpose .....	vii
Intended Audiences .....	vii
Release History .....	viii
How to Use This Book .....	viii
Conventions Used in This Book .....	ix
Terminology .....	ix
Keyboard and Telephone Keypad Representations .....	x
Screen Displays .....	xi
Data Entry Conventions .....	xii
Safety and Security Alert Labels .....	xii
Protecting against Damage from Electrostatic Discharge .....	xiii
Trademarks and Service Marks .....	xiv
Related Resources .....	xv
Documentation .....	xv
Training .....	xv
Technical Assistance .....	xv
Using the Documentation CD-ROM .....	xvi
How to Comment on This Book .....	xvii
Migrating from DEFINITY AUDIX1 .....	
Overview .....	1
Migration Checklist .....	2
Gathering Materials and Information .....	3
Assembling the INTUITY AUDIX System .....	4

Apply Power to the INTUITY AUDIX System. . . . .	4
Recording the DEFINITY AUDIX Profile Information . . . . .	5
Running the File System Check. . . . .	7
X-Porting the Switch Voice Ports . . . . .	8
Busying Out the Switch Data Link . . . . .	8
Busying Out the Data Link on a System 75 G1 or G3 Switch . . . . .	8
Busying Out the Data Link on a G2 Switch . . . . .	9
Removing the DEFINITY AUDIX Voice Ports. . . . .	9
Installing the Migration Software . . . . .	9
Connecting the External Tape Drive . . . . .	11
Connecting Release 3.1 or 3.2. . . . .	11
Connecting Release 4.0 . . . . .	13
Backing Up the DEFINITY AUDIX Data. . . . .	14
Preadministering the INTUITY AUDIX Extension Lengths. . . . .	17
Connecting the Tape Drive and Transferring the Data. . . . .	18
MAP/5P, MAP/5PV3, and MAP/5PV4 Responses . . . . .	20
MAP/40P or MAP/100P Responses . . . . .	21
Connecting the External Tape Drive . . . . .	22
Completing the Data Transfer . . . . .	23
Verifying the Data Transfer . . . . .	24
Checking Class of Service Numbers . . . . .	25
Checking Subscriber Extensions . . . . .	25
Remote Subscribers . . . . .	26
Number of Local and Remote Subscribers . . . . .	26
Machine Names and Voice IDs . . . . .	26
Address Ranges . . . . .	27
Removing the SCSI Interface Card . . . . .	27
Removing the Migration Software. . . . .	29
Cabling the INTUITY AUDIX System . . . . .	30
Using a BX.25 Connection . . . . .	31
Administering for the Switch. . . . .	32
Readministering the Voice Port Information . . . . .	32
Confirming the Switch Link Information . . . . .	33
Releasing the Switch Data Link. . . . .	33
Releasing the Data Link on a System 75 G1 or G3 Switch. . . . .	33
Releasing the Data Link on a G2 Switch. . . . .	34
Completing Additional Installation Tasks . . . . .	34

## Migration Log File Error Codes77

Overview .....	77
Migration Log File Error Codes .....	77
Migration Field Descriptions.....	93
Index.....	i



# About This Book

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## Purpose

This book, *INTUITY™ Messaging Solutions Release 5 Migration Procedures*, 585-313-118, 585-313-118 Issue 4, contains instructions for installing an INTUITY AUDIX voice messaging system and moving from one of the following DEFINITY® AUDIX systems:

- Release 3.1
- Release 3.2
- Release 4.0

## Intended Audiences

This book is intended primarily for the on-site technical personnel who are responsible for installing the system and performing the migration. Secondary audiences include the following from Avaya:

- Field support—Technical Service Organization (TSO)
- Helpline personnel
- AUDIX Upgrade Center personnel
- Provisioning project managers—Avaya Technology and Consulting (ATAC)

We assume two things about the primary users of this book:

- That they have completed the Avaya INTUITY AUDIX hardware installation training course
- That they have some experience setting up and administering an INTUITY AUDIX system.

Only those procedures that are specific to migrations are included in this book. Procedures specific to other aspects of managing an INTUITY AUDIX system can be found on the latest *INTUITY Messaging Solutions Release 5 Documentation for Technicians* CD-ROM, 585-313-807.

See “Related Resources” on page -xvi for more information.

## Release History

This is the fourth issue of this book for INTUITY AUDIX Release 5 systems.

## How to Use This Book

This book contains step-by-step instructions needed to complete a migration. Most chapters contain a migration checklist and the detailed procedures necessary to complete a specific migration. Use the chapter that fits your particular migration.

Although this book is designed to step you through the entire migration process, you can also use it as a quick-reference to obtain specific information you may need on a particular topic.

There are references to the *INTUITY Messaging Solutions Release 5 Documentation for Technicians* CD-ROM, 585-313-807, throughout this book. Only those procedures that are specific to migrations are contained in this book. If more information is available about a subject on the CD-ROM, a reference to that section is included. For more information on how to access the topics on the CD-ROM, see “Using the Documentation CD-ROM” on page -xvii.

This book includes an alphabetical index at the end for quick access to specific topics.

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# Conventions Used in This Book

This section describes the conventions used in this book.

## Terminology

- The word “enter” means to type a value and then press the ENTER key. For example, an instruction to type the letter “y” and press ENTER is shown as

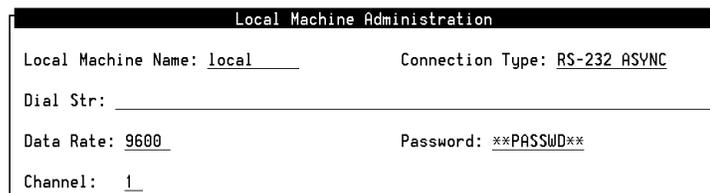
Enter **y** to continue.

- The word “select” means to move the cursor to the desired menu item and then press ENTER. For example, an instruction to move the cursor to the `Start Test` option on the Network Loop-Around Test screen and then press ENTER is shown as

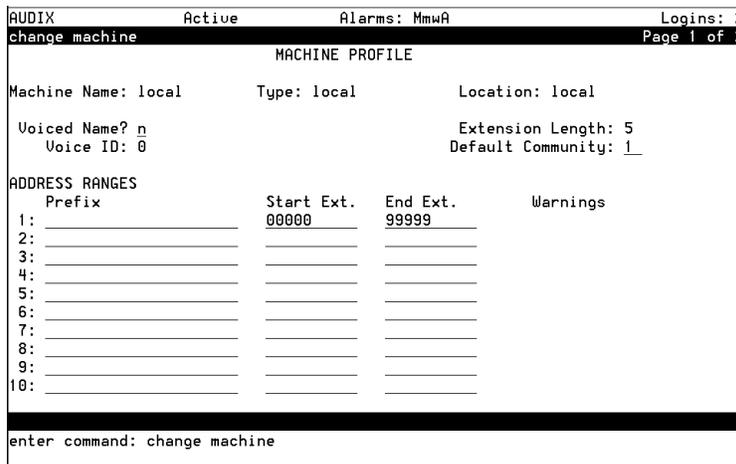
Select `Start Test`

- The INTUITY AUDIX system displays *windows, screens, and menus*. Windows show and request system information ([Figure 1](#)). Screens request that you enter a command at the `enter command :` prompt (Figure Example of a INTUITY AUDIX Screen with a Command Line on page x). This input is either a value or other specific information you must input through a field ([Figure 1](#)) or a command you must enter from the `enter command :` prompt (Figure Example of a INTUITY AUDIX Screen with a Command Line on page x). “Menus” (Figure Example of a INTUITY AUDIX Menu on page x) present options from which you can choose to view another menu, or a screen or window.

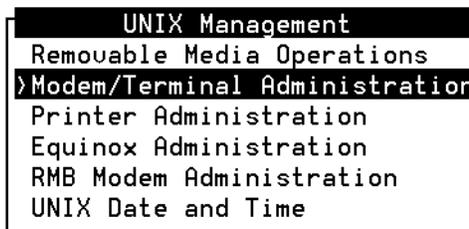
**Figure 1. Example of a INTUITY AUDIX Window**



**Figure 2. Example of a INTUITY AUDIX Screen with a Command Line**



**Figure 3. Example of a INTUITY AUDIX Menu**



## Keyboard and Telephone Keypad Representations

- Keys that you press on your *terminal* or *PC keyboard* are represented as all uppercase letters. For example, an instruction to press the enter key is shown as

Press ENTER.

- Two keys that you press at the same time on your *terminal* or *PC keyboard* (that is, you press and hold down the first key and then press the second key) are represented as a series inside a rounded box. For example, an instruction to press and hold **ALT** while typing the letter “d” is shown as

Press ALT+d.

- A combination keystroke is a series of keystrokes that combines the two key functions described above plus a third key, that is, you press and hold down the first key, then press the second key, then release those keys and press a third key. A combination keystroke is represented as an equation. For example, an

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instruction to press and hold `[ALT]` while typing the letter “d” and then typing the number “1” is shown as

Press ALT+D+1.

- Function keys on your terminal, PC, or system screens, also known as *soft keys*, are represented as an uppercase F followed by the value of that key, then the operation of the key enclosed in parentheses. For example, an instruction to press function key 3 is shown as

Press F3 (Save).

- Keys that you press on your *telephone keypad* are represented as square boxes. For example, an instruction to press the first key on your telephone keypad is shown as

Press `[1]` to record a message.

## Screen Displays

- Values, system messages, field names, and prompts that appear on the screen are shown in typewriter-style Courier type, as shown in the following examples:

Example 1:

Enter the number of ports to be dedicated to outbound traffic in the Maximum Simultaneous Ports: field.

Example 2:

The system displays the following message:

Alarm Form Update was successful.

- The sequence of menu options that you must select to display a specific screen or submenu is shown as follows:

From the INTUITY AUDIX main menu, select:

Customer/Services Administration  
Alarm Management

In this example, you access the Main Menu and select the line item Customer/Service Administration. From the Customer/Service Administration menu that the system then displays, you select the line item Alarm Management.

- Screens shown in this book are examples only. The screens you see on your machine will be similar, but not exactly the same in all cases.

## Data Entry Conventions

- Commands and text you type in or enter appear in **bold type**, as in the following examples:

Example 1:

Enter **change-switch-time-zone** at the `enter` command prompt.

Example 2:

Type **high** or **low** in the `Speed :` field.

- Command variables are shown in ***bold italic*** type when they are part of what you must type in and *regular italic* type when they are not, for example:

Enter **ch ma *machine\_name***, where *machine\_name* is the name of the call delivery machine you just created.

## Safety and Security Alert Labels

This book uses the following symbols to call your attention to potential problems that could cause personal injury, damage to equipment, loss of data, service interruptions, or breaches of toll fraud security:



### CAUTION:

Indicates the presence of a hazard that if not avoided *can* or *will* cause minor personal injury or property damage, including loss of data.



### WARNING:

Indicates the presence of a hazard that if not avoided *can* cause death or severe personal injury.



### DANGER:

Indicates the presence of a hazard that if not avoided *will* cause death or severe personal injury.

**SECURITY ALERT:**

Indicates the presence of a toll fraud security hazard. Toll fraud is the unauthorized use of a telecommunications system by an unauthorized party.

## Protecting against Damage from Electrostatic Discharge

**CAUTION:**

You **must** observe proper grounding techniques to prevent the discharge of static electricity from your body into ESD-sensitive components.

Packaging materials that contain ESD-sensitive components are usually marked with a yellow-and-black warning symbol. See *How to Hold a Small Circuit Card* (page xix).

To avoid damaging ESD-sensitive components:

- Handle the components only after attaching a wrist strap to the bare wrist. Attach the other end of the wrist strap to a ground that terminates at the system ground, such as any unpainted metallic chassis surface.
- Handle a circuit card by the faceplate or side edges only. See *How to Hold a Large Circuit Card* (page xx).

**CAUTION:**

Ensure that your palm is not in contact with the non component side of the board.

- Keep components away from plastics and other synthetic materials such as polyester clothing.
- Do not hand components to another person unless that person is grounded at the same potential level.
- Hold devices such as a hard disk drives in the same manner as a large circuit card. The ESD-sensitive area of these components is located on the bottom surface.

## Trademarks and Service Marks

The following trademarked products are mentioned in the various books in the INTUITY AUDIX document set:

The following trademarked products are mentioned in the INTUITY AUDIX documentation set:

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- Adobe and Adobe Acrobat are registered trademarks of Adobe Systems Incorporated.
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  - Voice Bridge is a registered trademark of Voice Technologies Group, Inc.
  - Webshield is a registered trademark of Networks Associates Technology, Inc.

- Windows and Windows NT are registered trademarks of Microsoft Corporation.
- www.messenger is a trademark of Avaya Inc.

## Related Resources

This section describes additional resources available for you to learn more about installation of the Avaya Intuity product.

## Documentation

We suggest that you use the procedures in this book along with the following documentation resources on the *INTUITY Messaging Solutions Release 5 Documentation for Technicians CD-ROM*, 585-313-807, Issue 6 or later.

- For a description of the preparation required for a migration, see “Planning a Migration.”
- For initial switch administration procedures, see “Installation Checklists” in the “New System Installation and Initial Administration” section.
- *INTUITY Messaging Solutions Getting Connected*, 585-313-703.

For more information on how to follow these cross-references to the CD-ROM, see Using the Documentation CD-ROM (page xvii).

See the inside front cover of this book for information on how to order INTUITY AUDIX documentation.

## Training

For information about training for INTUITY AUDIX Release 5 systems and other Avaya products, visit the Avaya Web site ([www.avaya.com](http://www.avaya.com)) and click Training.

## Technical Assistance

The following resources are available for technical assistance with Avaya products and services:

- Within the United States and Canada

- 
- For INTUITY AUDIX systems, call the Multimedia Messaging Implementation Support Center (MMISC) at 800-242-2121, prompt 0, extension 15352.
  - For systems integrated with a MERLIN LEGEND switch, call 800-628-2888.
  - For systems integrated with any other switch, call 800-242-2121.
  - Within any other country
    - For all systems, call your local distributor.

## Using the Documentation CD-ROM

The *INTUITY Messaging Solutions Release 5 Documentation for Technicians* CD-ROM, 585-313-807, is designed for an electronic format. On the CD-ROM, the connection between different, related information is made through hypertext links. After you read the information, you can click a “Back” button to return to the place you started.

This book contains references to the documentation CD-ROM. You can install the contents of the CD-ROM on your hard drive or you can read the contents from your CD-ROM drive. If you plan to use the CD-ROM infrequently, we recommend that you read the CD-ROM from your CD-ROM drive.

The most efficient way to find the referenced information on the CD-ROM is to click the Search button, select the area, and then search for the same phrase given in the reference. The system will display different possible locations of the text you entered, from which you can select the most likely location.

You must have Adobe Acrobat Reader installed on your system to display some of the files on the CD-ROM. We recommend using version 4.0 or higher.

Do not insert the documentation CD-ROM into the INTUITY AUDIX system.

To read the documentation CD-ROM from your CD-ROM drive:

1. Insert the CD-ROM in the CD-ROM drive on your computer.
2. Do one of the following:
  - If the CD startup screen does not display automatically, go to Step 3.

- If the CD startup displays automatically, go to Step 5.
3. Click Start, Run, and then type **d:autorun.exe** in the window, where *d*: is the drive ID of your CD-ROM drive.
  4. Click OK.

The system displays the CD startup screen.

5. Choose whether to install the documentation on your hard drive or read the documentation from the CD-ROM.

After the installation is complete or if you are reading from the CD-ROM, the table of contents screen displays.

## How to Comment on This Book

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- Email to [infodev@avaya.com](mailto:infodev@avaya.com)
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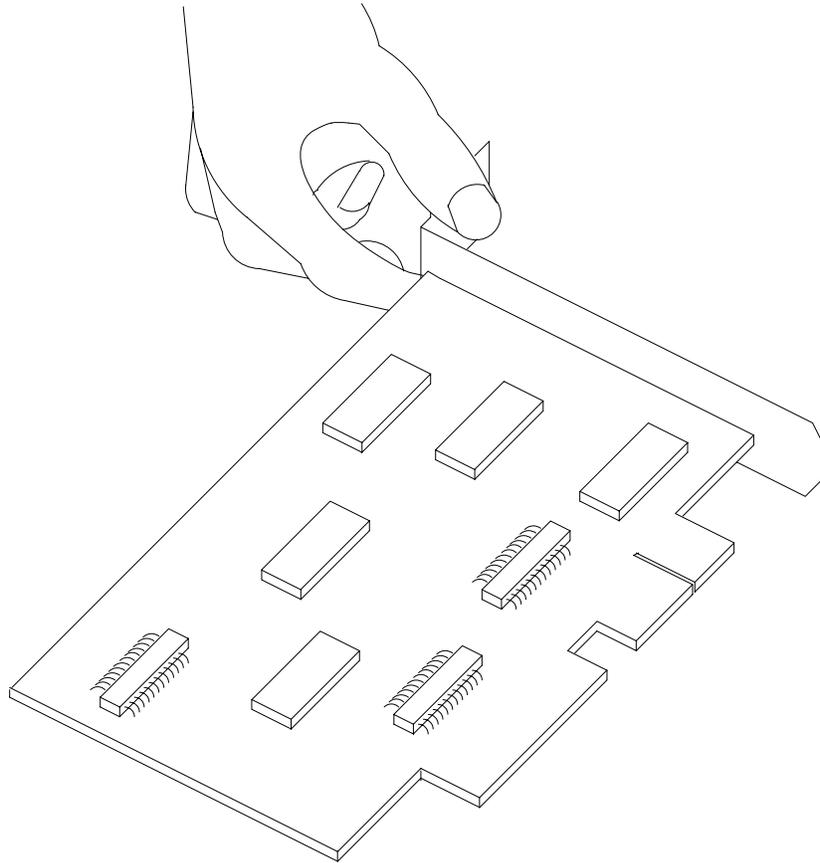
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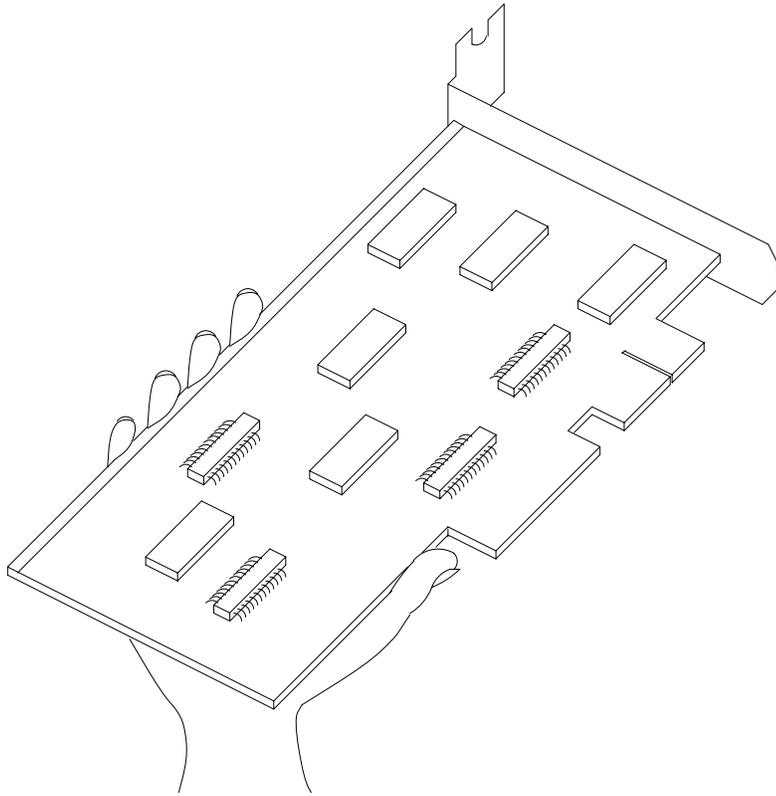
*INTUITY Messaging Solutions Release 5 Migration Procedures*,  
585-313-118, 585-313-118 Issue 4

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## Figure: How to Hold a Small Circuit Card



## Figure: How to Hold a Large Circuit Card



# Migrating from DEFINITY AUDIX

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## Overview

This section lists the procedures that are necessary to migrate the following releases of DEFINITY AUDIX to the INTUITY AUDIX:

- 3.1
- 3.2
- 4.0

Customers can migrate to the INTUITY AUDIX system from one of two possible configurations of the DEFINITY AUDIX system:

- Control Link (CL) mode

Replaces the DEFINITY AUDIX system and uses the existing control link cable and data link administration for the INTUITY AUDIX system.

- Digital Port emulation (DP) or Display Set (DS) mode

Replaces the DEFINITY AUDIX system but requires the installation of a data link cable and administration of the integration for the INTUITY AUDIX system.



**CAUTION:**

You can migrate data from only one DEFINITY AUDIX to an INTUITY AUDIX system that does not have any data the customer wishes to retain. Migrating DEFINITY AUDIX data overwrites any existing data on the INTUITY AUDIX system, including any data that may have been previously migrated from another system.

# Migration Checklist

To migrate from a DEFINITY AUDIX R3.1, 3.2, or 4.0 system to the INTUITY AUDIX system:

Area	Task
<b>Preparing for the migration</b>	1. Gathering Materials and Information (page 3).
	2. Assemble the INTUITY AUDIX system.
	3. Restore power to the INTUITY AUDIX system.
	4. Recording the DEFINITY AUDIX™ Profile Information (page 5).
	5. Contact the MMIS for Running the File System Check (page 7).
	6. X-Porting the Switch Voice Ports (page 8).
	7. Busing Out the Switch Data Link (page 8).
	8. Removing the DEFINITY AUDIX Voice Ports (page 9) from the switch hunt group.
	9. Installing the Migration Software (page 10) on the INTUITY AUDIX system.
<b>Migrate the data</b>	10. Connecting the External Tape Drive (page 11).
	11. Backing Up the DEFINITY AUDIX Data (page 15).
	12. Preadministering the INTUITY AUDIX Extension Lengths (page 18).
	13. Connecting the Tape Drive and Transferring the Data (page 19). <b>Note:</b> If the INTUITY AUDIX is a MAP/5P, MAP/5PV3, or MAP/5PV4, the SCSI interface card is installed during this procedure.
	14. Verifying the Data Transfer (page 24).
	15. If the INTUITY AUDIX is a MAP/5P, MAP/5PV3, or MAP/5PV4, continue with Removing the SCSI Interface Card (page 27).

Area	Task
<b>Complete the administration</b>	16. Removing the Migration Software (page 29).
	17. Cabling the INTUITY AUDIX System (page 30).
	18. Administering for the Switch (page 32).
	19. Readministering the Voice Port Information (page 32).
	20. Confirming the Switch Link Information (page 33).
	21. Releasing the Switch Data Link (page 33).
	22. Completing Additional Installation Tasks (page 34).

## Gathering Materials and Information

You need the following items to complete the migration from a DEFINITY AUDIX system to an INTUITY AUDIX system:

- The most recent INTUITY AUDIX R5 software CD-ROM
- Migration Checklist
- Migration kit hardware, including:
  - A SCSI tape drive unit
  - One blank Tandberg 525 MB tape for DEFINITY AUDIX data backups
- These additional documentation resources:
  - *INTUITY Messaging Solutions Release 5 Documentation for Technicians* CD-ROM, 585-313-807
  - The installation book for the customer's switch

Continue with Assembling the INTUITY™ AUDIX® System (page 4).

## Assembling the INTUITY™ AUDIX® System

Before the AUDIX R1 system is taken out of service, assemble the INTUITY AUDIX system and prepare it for service. For more information about assembling a system, see the *INTUITY Messaging Solutions Release 5 Documentation for Technicians* CD-ROM, 585-313-807. From the contents page of the documentation CD-ROM, select "New System Installation and Initial Administration," then select one of the following:

- MAP/5P and MAP/5PV3
- MAP/5PV4
- MAP/40P
- Deskside MAP/100P
- Rack-Mounted MAP/100P

After you have assembled the system, continue with the next procedure, *Apply Power to the INTUITY™ AUDIX® System* (page 4).

## Apply Power to the INTUITY AUDIX System

Start the INTUITY AUDIX system to check that it is operating correctly.

To restore power to the INTUITY AUDIX:

1. Plug the power cord in the INTUITY AUDIX.
2. Plug the power cord into the designated power outlet.
3. Turn on the monitor's power switch.

The lamp on the front bottom of the monitor should be lit.

4. Press on the power switch on the INTUITY AUDIX.

The power indicator lamp on the front of the unit should be lit.

5. Continue with *Recording the DEFINITY AUDIX™ Profile Information* (page 5).

## Recording the DEFINITY AUDIX Profile Information

You need the following information before you begin the migration. Check to see whether the migration planning worksheets were completed prior to your arrival.

There are three ways to record and enter the preadministration information:

- Use the Required Profile Information (page 5) table for the command to display the DEFINITY AUDIX screen, then type the information into the INTUITY AUDIX directly.

This is used when the switch and INTUITY AUDIX machines are physically located near each other. This is done the day of the migration.

- Print the Required Profile Information (page 5) table, use the commands to display the DEFINITY AUDIX screen, and then write the DEFINITY AUDIX data in the Information column.

This is used when the two systems are located in different rooms or buildings and there is no printer available to connect to the DEFINITY AUDIX. It can be done before the day of the migration.

- Follow the steps in Connecting a Printer (page 6) to the DEFINITY AUDIX, use the Required Profile Information (page 5) table for the command to display the DEFINITY AUDIX screen, and then press Control+Z to print the screen.

This is used when the two systems are located in different rooms or buildings and a printer is available to connect to the DEFINITY AUDIX. It can be done before the day of the migration.

**Table: Required Profile Information**

Screen	Command	Information Needed	Information:
System-Parameters Customer-Options	display system-parameters customer-options	Switch integration type. Either embedded or control-link.	
Machine Profile, page 1	display machine	Extension length of the local DEFINITY AUDIX system.	
List Machines	list machines	Networked machine names and voice IDs.	

**Table: Required Profile Information**

Screen	Command	Information Needed	Information:
Machine Profile, page 2	<b>display machine <i>node</i></b> , where <i>node</i> is each remote machine name, then F7 (Next Page)	Network machine data rate, dial string, password, and extension ranges. Passwords may not display depending on the release.	
Switch Link DCIU-SCI	<b>display switch-link</b>	Switch parameters.	

**Connecting a Printer** To connect a printer to the DEFINITY AUDIX system:

1. Log in to the DEFINITY AUDIX machine using craft.

**Note:**

Verify that a printer is connected to the DEFINITY AUDIX terminal and is set to on-line.

2. Select one of these emulations:
  - Enter **513** for the following terminals:
    - 513 BCT
    - 610 BCT
    - 610 or 615 MT running a 513 emulation package
    - 715 BCS
    - PC running a 513 emulation package
  - Enter **5420** for the following terminals:
    - 5420
    - 4415
    - 705
    - 610 or 615 MT not running a 513 emulation package

3. Print the screens using one of the following methods:
  - For a 4410, 4425, or 610 terminal:
    1. Press CONTROL-F4 to display the screen-labeled print keys.
    2. Press F3 (Print Screen) to print the screen.
    3. Press CONTROL-F6 to return the screen-labeled keys to their original state.
  - For a 715 terminal:
    1. Press the PRINT-SCRN key to print the screen.
  - For a 513 terminal:
    1. Press F10 to display the first layer of screen-labeled keys for the terminal.
    2. Press F1 to display the screen-labeled print keys.
    3. Press F7 (Print Screen) to print the screen.
    4. Press F10 and F5 to return the screen-labeled keys to their original state.
    5. Repeat Step 2 and Step 3 to print each screen.
6. Continue with Running the File System Check (page 7).

## Running the File System Check

The Multimedia Messaging Implementation Support group (MMIS) must run a file system check on the DEFINITY AUDIX system before the migration continues. This check eliminates any potential corruption in the subscriber database and improves the success rate of this type of migration.

After you contact them, the MMIS engineers dial in to the DEFINITY AUDIX system remotely and run the check. You then can continue with the next three switch-related tasks and with installing the migration software on the INTUITY AUDIX system while the check is running. After the check is complete, you can continue with the DEFINITY AUDIX tasks.

To contact the MMIS, call +800-242-2121, follow the voice prompts, press 0 to enter an extension when you are given the option, and then enter extension 15352.

## X-Porting the Switch Voice Ports

Placing an "x" in the port fields stops voice messaging.

To x-port the switch voice ports:

1. At the switch administration terminal, enter **change station extension** for the first voice port in the DEFINITY AUDIX hunt group.

The system displays the Change Station Screen (page 40) for the specific version of the switch.

2. Enter **x** in the Port field.

The cursor returns to the command line.

3. Repeat Step 1 and Step 2 for each voice port.
4. Continue with *Busying Out the Switch Data Link* (page 8).

## Busying Out the Switch Data Link

When the voice system is shut off for an upgrade, DEFINITY switches activate an alarm. Busying out the link between the voice system and switch keeps alarms from being sent to the remote support center. Choose one of the following procedures based on the type of DEFINITY switch:

- *Busying Out the Data Link on a System 75 G1 or G3 Switch* (page 9)
- *Busying Out the Data Link on a G2 Switch* (page 9)

## Busying Out the Data Link on a System 75 G1 or G3 Switch

To busy out the data link, perform the following tasks on the switch administration terminal (SAT):

1. Enter **busy link *n***

where *n* is the number of the link going to the INTUITY AUDIX system. Valid input is an integer from 1 to 8.

For more information, see the DEFINITY switch documentation.

2. Continue with Removing the DEFINITY AUDIX Voice Ports (page 9).

## Busying Out the Data Link on a G2 Switch

To busy out the data link, perform the following tasks on the switch administration terminal (SAT):

1. Enter **proc650 test 3**
2. Enter the INTUITY AUDIX link number in field 6.
3. Enter **bu bu**

For more information, see the DEFINITY switch documentation.

4. Continue with Removing the DEFINITY AUDIX Voice Ports (page 9).

## Removing the DEFINITY AUDIX Voice Ports

Remove the DEFINITY AUDIX voice ports from the switch hunt group. They will no longer be used. However, do not remove the hunt group.

For more information, see the administration documentation for the DEFINITY AUDIX.

Return to the Migration Checklist (page 2).

## Installing the Migration Software

To load migration software onto the INTUITY AUDIX system:

1. Log on to the system using the *craft* login.
2. Insert the most recent INTUITY AUDIX R5 software CD-ROM in the INTUITY AUDIX system's CD-ROM drive.
3. Start at the INTUITY Main Menu (page 41) and select:

```
Software Management
  Software Installation
    CD
```

The system displays the Software Install Screen, Page 1 (page 43).

**Note:**

If you did not complete the backup, the system displays the Backup Warning Screen (page 42).

4. Press the DOWN ARROW key until the cursor highlights the following entry in the Applications Software Group:

```
[ ] mig -- INTUITY AUDIX Migration Software
```

**Note:**

You may need to advance several screens.

5. Press ENTER.

The system displays the line in the following manner:

```
[X] mig -- INTUITY AUDIX Migration Software
```

6. Press the down arrow until the cursor highlights the following message:

```
Install selected packages
```

**Note:**

You will scroll through several screens.

7. Press ENTER.

The system displays the Software Install Confirmation (page 44).

**Note:**

You may need to advance several screens.

8. Press the down arrow until the cursor highlights PROCEED.

9. Press ENTER.

The system installs the package then displays the following message:

```
Do you have more media from which to install
more software?
```

10. Press the down arrow until the cursor highlights **n** and press ENTER.

The system displays the following message:

```
Do you have hardware to install?
```

11. Press the down arrow until the cursor highlights **n** and press ENTER.

The system automatically reboots.

12. Remove the INTUITY AUDIX R5 software CD-ROM from the CD-ROM drive.

13. When the system has restarted, log in to the INTUITY AUDIX system using *craft*.

**Note:**

The system will not display the Migration menu option on the INTUITY Main Menu until you log back in to the system.

14. Click the BACK button in your browser to return to the procedure checklist.

## Connecting the External Tape Drive



**WARNING:**

Damage from electrostatic discharge is possible. For more information, see Protecting against Damage from Electrostatic Discharge (page xiii) in About This Book (page vii).

The external tape drive must be connected to the DEFINITY AUDIX to back up the data that will be restored on the INTUITY AUDIX. System components changed between Release 3.2 and 4.0 of DEFINITY AUDIX.

Continue with correct procedure for your DEFINITY AUDIX:

- Connecting Release 3.1 or 3.2 (page 12)
- Connecting Release 4.0 (page 13)

## Connecting Release 3.1 or 3.2

To connect the external tape drive to DEFINITY AUDIX Release 3.1 or 3.2 for the backup:

1. Log in to the DEFINITY AUDIX machine using the **craft** login.

The system displays the DEFINITY AUDIX Command Prompt screen.

2. Enter **remove tape**

The system displays the following message:

```
Press [enter] to execute or [cancel] to
abort:
```

3. Press F3 (Enter).
4. Remove the tape.
5. Enter **reset system shutdown** to shut down the DEFINITY AUDIX.

The system displays the following message:

```
Press [enter] to execute or [cancel] to
abort:
```

6. Press F3 (Enter).

The system displays the following message:

```
Shutdown complete
```



### **WARNING:**

Damage from electrostatic discharge is possible. For more information, see Protecting against Damage from Electrostatic Discharge (page xiii) in About This Book (page vii).

7. Remove the DEFINITY AUDIX from the host switch.
8. Remove the SCSI cable and clips that connect the DEFINITY AUDIX tape drive to the Alarm Board (TN2169 or TN2170). Remove the tape drive from the Alarm Board.

See Removing the Retaining Clips from the Tape Drive (page 45). For more information about removing the tape drive, see the DEFINITY AUDIX Maintenance manual.

9. Locate the short, flat SCSI cable from the migration kit. Complete Step A through Step D to install the cable:
  - a. Position the cable with the red edge down. Route the cable into the front of the circuit pack, through the opening left by the removed tape drive.
  - b. Attach the cable to the tape drive connector on the Alarm Board.
  - c. Connect one end of the long cable to the external tape drive.  
  
Both the long cable and external tape drive can be found in the migration kit.
  - d. Connect the other end of the long cable to the short cable that is connected to the Alarm Board.
10. Connect AC power to the external tape drive and turn it on.
11. Insert the 525 MB tape from the migration kit into the drive.

**Note:**

Make sure that the tape you insert is not write protected.

12. Insert the DEFINITY AUDIX back into the host switch and allow the system to boot up.
13. Return to the Migration Checklist (page 2).

## Connecting Release 4.0

To connect the external tape drive to DEFINITY AUDIX Release 4.0 for the backup:

1. Log on to the DEFINITY AUDIX machine using the **craft** login.  
  
The system displays the DEFINITY AUDIX Command Prompt screen.
2. Enter **reset system shutdown** to shut down the DEFINITY AUDIX.
3. Verify that the DEFINITY AUDIX is shut down and then remove it from the host switch.



**CAUTION:**

Be careful when handling the system. The power cable to the magneto-optical (MO) drive is fragile and can easily break.

4. Disconnect the H600-501 SCSI cable from the SCSI bus connector on the TN568 circuit card and from the MO disk drive. See the TN568 Circuit Card (page 46).
5. Attach the SCSI cable from the Tandberg tape drive to the DEFINITY AUDIX system by following these steps:
  - a. Firmly seat the SCSI cable from the external tape drive, red edge up, into the SCSI bus connector on the TN568 circuit pack. To seat the cable, you must lift the retaining clips on the SCSI bus connector away from the TN568 circuit pack.



**CAUTION:**

You must press the SCSI cable **firmly** into the connector. The external tape drive will not function if this cable is improperly seated.

- b. Route the cable along the left side of the circuit pack. See SCSI Cable Routing (page 47).
  - c. Connect the cable to the external tape drive.
6. Connect AC power to the external tape drive and turn it on.
7. Insert the 525 MB tape from the migration kit into the drive.

**Note:**

Make sure the tape is not write-protected.

8. Insert the DEFINITY AUDIX system into the host switch cabinet.
  - a. Hold the DEFINITY AUDIX system assembly by the outside edge of the faceplate and press the long SCSI cable against the left side of the DEFINITY AUDIX system.
  - b. Line up the circuit pack with the bottom guide of the slot.
  - c. With the assembly properly aligned in the slot, insert it with a single firm push, and lock it in place by pushing up the securing latch on the faceplate.



**CAUTION:**

If the switch is powered on, the DEFINITY AUDIX 4.0 system automatically boots up when seated in the slot. Damage to the hard disk could occur if the assembly is removed while booting. Therefore, do not adjust or reinsert the assembly while the DEFINITY AUDIX 4.0 system is booting up.

9. As the DEFINITY AUDIX 4.0 system boots up, watch the three LEDs on the faceplate.

If the DEFINITY AUDIX system does not come up to the AUDIX state (Red-off, Green-off, Yellow-on) within 10 minutes, write down the states displayed on the LEDs, and refer to the associated troubleshooting procedures in *DEFINITY AUDIX System — Maintenance*, 585-300-121.

10. Return to the Migration Checklist (page 2).

## Backing Up the DEFINITY AUDIX Data

Back up the DEFINITY AUDIX data onto a tape, which then is read and translated to INTUITY AUDIX data. This procedure takes between 30 and 60 minutes, depending on the size of the database.

To back up the DEFINITY AUDIX data:

1. Log in to the DEFINITY AUDIX machine using craft.

The system displays a blank DEFINITY AUDIX Command Prompt screen.

2. Enter **reset system oa&m**

The system displays the Reset System OA&M screen.

3. Press F3 (Enter).

The system stops all calls and the cursor returns to the DEFINITY AUDIX login prompt.

4. Log in as craft.

**Note:**

Login attempts will not be successful until the OA&M process is complete. Continue attempting to log in occasionally until you are successful.

5. Enter **add tape**

6. Type a new name in the Volume Name field and press F3 (Enter).

7. Press F3 (Enter) again to confirm.

The system saves the new name and the cursor returns to the command line.

Adding the tape's contents may take a few minutes.

**Note:**

Check the status periodically using the **status tape** command.

8. When the tape status changes from "pending" to "idle", go to Step 9.

9. Enter **save nightly**

The system displays the Save Nightly screen.

10. Press F3 (Enter) to run the nightly backup.

The tape is rewound so that previous data is erased. The backup begins and the cursor returns to the command line. When the backup is complete, the alarm "A" is redisplayed on the status line.

**Note:**

Check the status periodically using the **status tape** command.

11. Use the **display admin** command to clear the alarm "A" on the status line. Use this command to clear the alarm during the rest of this procedure.

12. When the nightly backup is complete (the elapsed time depends on the size of the system), enter **save weekly**

The system displays the Save Weekly screen.

13. Press F3 (Enter) to run the weekly backup.

The backup begins and the cursor returns to the command line.

**Note:**

Check the status periodically using the **status tape** command.

14. When the weekly backup is complete, enter **save voice**

The system displays the Save Voice screen.

15. Press F3 (Enter) to run the voice backup.

The backup begins and the cursor returns to the command line.

**Note:**

Check the status periodically using the **status tape** command.

16. When the backup is complete, remove the tape from the external tape drive.

The backup takes approximately 20 to 30 minutes.

17. Enter **display backup** to confirm the success of the backup procedures.

Confirm that a header and date are listed for each backup, including the following:

- announcements (if present)
- nightly
- weekly
- voice

18. Do one of the following:

- If the backup was not successful, go to Step 9 on page 16.
- If the backup was successful, then do the following:
  - a. Log in to the switch.
  - b. Enter **clear:amw:all:<extension>** for every subscriber, where <extension> is the phone number.



**CAUTION:**

Neglecting this step causes message waiting lamp problems.

This command turns off the message waiting lamp on any subscriber's handset that has a message.

When the messages are restored to the INTUITY AUDIX, any transferred or new messages turn on the subscriber's message waiting lamps.

19. Remove the backup tape from the external tape drive.
20. Enter **reset system shutdown** to shut down the DEFINITY AUDIX system.

The system displays the following message:

```
Press [enter] to execute or [cancel] to
abort:
```

21. Press F3 (Enter).

The system displays the following message:

```
Shutdown complete
```

22. Remove the DEFINITY AUDIX from the switch, remove the short cable, and reinstall the tape drive.
23. Reassemble the DEFINITY AUDIX migration kit.
24. Return to the Migration Checklist (page 2).

## Preadministering the INTUITY AUDIX Extension Lengths

Before you transfer data from the DEFINITY AUDIX system to the INTUITY AUDIX system, you must ensure that the INTUITY AUDIX system is preadministered to match the DEFINITY AUDIX system extension length.

To preadminister the extension length:

1. From the INTUITY Main Menu, select:

```
Switch Interface Administration  
DCIU Interface Administration
```

The system displays the DCIU Interface Administration screen.

2. Compare the `Extension Length:` field on the DCIU Interface Administration screen and the `Extension Length:` field on the DEFINITY AUDIX Machine Profile screen printout.

If the extension lengths:

- Match, press F6 (Cancel) and return to the next task in the checklist.
- Do not match, press the TAB key to move the cursor to the `Extension Length:` field and enter the extension length on the INTUITY AUDIX system.

3. Press F3 (Save) to save the extension length change.

The system displays the following message:

```
command successfully completed
```

4. Press F6 (Cancel) to return to the INTUITY Main Menu.

5. Return to the procedures checklist.

## Connecting the Tape Drive and Transferring the Data

This procedure is used to connect an external tape drive to the INTUITY AUDIX, and then to run a data transfer to copy DEFINITY AUDIX subscriber data to the INTUITY AUDIX system.

To connect the tape drive and transfer the data:

1. From the INTUITY Main Menu, select:

Migrations

The system displays the Migration menu.

2. Enter **4**

The system displays the Migration From DEFINITY AUDIX menu.

3. Enter **1**

The system displays the following message:

```
The voice system is running. It must be
stopped before you can start the migration.
Would you like to stop the Voice System now?
(y/n)
```

4. Type **y** and press ENTER.

The voice system is stopped.

5. Determine the next step:

- If the system is a MAP/5P, MAP/5PV3, or MAP/5PV4, then go to MAP/5P, MAP/5PV3, and MAP/5PV4 Responses (page 20).
- If the system is a MAP/40P or MAP/100P, then go to MAP/40P or MAP/100P Responses (page 21).

## MAP/5P, MAP/5PV3, and MAP/5PV4 Responses



### CAUTION:

**Only use this procedure** if you are migrating to a MAP/5P, MAP/5PV3, or MAP/5PV4. Otherwise, go to MAP/40P or MAP/100P Responses (page 21) and follow that procedure.

If you are transferring the data to a MAP/5P, MAP/5PV3, or MAP/5PV4, the system displays the following message:

```
Have you installed the SCSI card from the
migration kit? (y or n)
```

1. Enter **n**

The system displays this message:

```
Do you have the migration kit? (y or n)
```



### WARNING:

Damage from electrostatic discharge is possible. For more information, see Protecting against Damage from Electrostatic Discharge (page xiii) in About This Book (page vii).

2. Enter **y**

The system displays this message:

```
Install the SCSI card and attach the
external tape drive according to the
documentation. Press enter when you are
ready to shutdown the system.
```

3. Press ENTER.

The system displays a number of status messages until the following message is displayed:

```
Press any key to reboot...
```

4. When the system displays the “reboot” message, turn off the system power.
5. Remove the dress cover from the system. For more information, see the Getting Inside the MAP/5P and MAP/5PV3 or Getting Inside the MAP/5PV4 information on the *INTUITY Messaging Solutions Release 5 Documentation for Technicians* CD-ROM.
6. Remove the SCSI interface circuit card from the reusable migration kit and from the static-reducing bag.

See SCSI Interface Circuit Card (page 57).

7. Do one of the following:
  - If the new system is a MAP/5PV3, install the circuit card in PCI slot 1, the uppermost slot within the cabinet. See MAP/5P and MAP/5PV3 PCI Slot Location (page 58) for the location of PCI slot 1.
  - If the new system is a MAP/5PV4, install the circuit card in the shared PCI slot 2/ISA slot 1. This will require removing the remote maintenance circuit card and then reinstalling the remote maintenance circuit card when the data transfer is complete. See MAP/5PV4 PCI/ISA Slot Locations (page 59) for the location of the shared PCI slot 2/ISA slot 1.
8. Install and tighten the circuit card retaining screw.

**Note:**

Leave the dress cover off the system until the data transfer is verified. You can then remove the SCSI interface card and replace the dress cover. If you are upgrading to a MAP/5PV4 system, you will then also have to reinstall the remote maintenance circuit card.

9. Continue with Connecting the External Tape Drive (page 22).

## MAP/40P or MAP/100P Responses

If you are transferring the data to a MAP/40P or a MAP/100P, the system displays the following message:

```
The external tape drive was not found to be
attached.
```

```
Do you have the migration kit? (y or n)
```

1. Enter **y**

The system displays the following message:

```
Attach the external tape drive according to
the documentation. Press enter when you are
ready to shutdown the system.
```

2. Press **ENTER**.

The system displays a number of status messages until the following message is displayed:

```
Press any key to reboot...
```

3. Turn off the system power and connect the external tape drive to the external SCSI connection on the INTUITY AUDIX system.
4. Continue with Connecting the External Tape Drive (page 22).

## Connecting the External Tape Drive



### **WARNING:**

Damage from electrostatic discharge is possible. For more information, see Protecting against Damage from Electrostatic Discharge (page xiii) in About This Book (page vii).

To connect the external tape drive:

1. Remove the existing SCSI cable from the back of the external tape drive.
2. Turn off the external drive's power switch.
3. Find the SCSI port on the INTUITY AUDIX system.

The SCSI port is one of three types shown in the connector drawings. It will most likely be found at or near the standard location shown in MAPs and SCSI Port Locations (page 60) or MAP/100P SCSI Connection (Front of System) (page 61).

4. If one exists, remove the external SCSI terminator from the system's external SCSI connection.
5. Determine which of three cables from the migration kit connects the external SCSI connector to the external cartridge drive.

See SCSI Cables for the INTUITY AUDIX System (page 62).

6. Connect the SCSI 2 end of the cable to the back of the external tape drive.
7. Attach the other end of the cable to the external SCSI connector on the INTUITY AUDIX system.
8. Turn on the tape drive power switch.
9. Continue with Completing the Data Transfer (page 23).

## Completing the Data Transfer

To complete the data transfer:

1. Turn on the power first on the external tape drive, then turn on the power on the INTUITY AUDIX system.

The system starts and displays numerous status messages. After about 10 minutes, the system displays the following message:

```
start_vs was disabled for the DEFINITY AUDIX
migration.
Press ENTER to get to the Console Login.
```

2. Log on to the INTUITY AUDIX system as **craft**.

The system displays the INTUITY Main Menu.

3. Select the Migrations menu option.

The system displays the Migration menu.

4. Enter the option to **Transfer data from DEFINITY AUDIX**

The system displays the Migration From DEFINITY AUDIX menu.

5. Enter **1**

The system displays the following messages:

```
Insert the tape that has the Definity Audix
backup on it.
Wait until Retensioning/Rewinding is
complete.
Press ENTER When the tape is ready.
```

6. Insert the DEFINITY AUDIX data backup tape into the external tape drive.

7. Wait for the light on the tape drive to stay on, then press ENTER.

The system displays the following message:

```
Validating release, and Issue information
Release and Issue okay.
Is this the tape you want to use for the
migration? (y/n) [ n ]
```

8. If this is the correct tape, enter **Y**. If not, remove the tape and insert the correct one.

The system transfers the data to the INTUITY AUDIX system. If the transfer is:

- successful, the system displays the following message:

```
Migration done.  
Press enter to continue.
```

Press ENTER and the system displays the Migration From DEFINITY AUDIX menu.

Go to Verifying the Data Transfer.

- not successful, the system displays the following message:

```
Upgrade failure. Try again.  
Press enter to continue.
```

Press ENTER and the system displays the Migration From DEFINITY AUDIX menu. Leaving the same tape in the external drive, return to Step 5 and follow the steps again.

## Verifying the Data Transfer

Once the data transfer is complete and you have restarted the voice system, you must verify that the subscriber data has been transferred successfully. To verify the data transfer, you should check the following:

- Two class of service numbers
- Five subscribers extensions well-spaced throughout the range of subscribers you transferred
- Five remote subscribers (if any)
- Number of local and remote subscribers
- Machine names and voice IDs
- Address ranges

The procedure in this section contains steps for each screen.

## Checking Class of Service Numbers

To check the class of service numbers:

1. At the INTUITY Main Menu, select:

AUDIX Administration

The system displays the AUDIX Command Prompt screen.

2. Enter **di cos *cos-number*** where *cos-number* is a class of service number.

The system displays Class of Service Screen, page 1.

3. Verify that all of the data on the screen is correct.
4. Press F7 (Nextpage).
5. The system display the Class of Service Screen, page 2.
6. Check that all of the data on the screen is correct. If the data on either screen is incorrect, you may need to rerun the data transfer.
7. Return to Step 2 to verify another class of service number.
8. Press F1 (Cancel) to return to the command line.

## Checking Subscriber Extensions

To check the subscriber extensions:

1. Enter **di su *extension*** where *extension* is the subscriber extension.

The system displays the first Subscriber screen.

2. Verify that all of the data on the screen is correct.

3. Press F7 (Nextpage).

The system displays the second screen, Subscriber Class-of-Service Parameters.

4. Verify that all of the data on the screen is correct. If the data on either screen is incorrect, you may want to add the data manually or you may need to rerun the data transfer.
5. Return to Step 1 until you have checked four other subscribers.
6. Press F1 (Cancel) to return to the command line.

## Remote Subscribers

To check the remote subscribers:

1. Type **di re *machine name*** where *machine* is the name of one of the remote machines and *name* is the name of a remote subscriber, and press ENTER.

The system displays the Remote Subscriber screen.

2. Check that all of the data on the screen is correct. If any of the data is incorrect, you may want to add the data manually or you may need to rerun the data transfer.
3. Repeat Step 1 and Step 2 for four other remote subscribers.
4. Press F1 (Cancel) to return to the command line.

## Number of Local and Remote Subscribers

To check the number of local and remote subscribers:

1. Type **li me fe da** and press ENTER.

The system displays the Feature Daily Traffic screen.

2. Compare the number of subscribers in the SUBSCRIBERS , Local : field with the number of local subscribers on the print-out of the DEFINITY AUDIX Feature Daily Traffic screen.
3. Compare the number of remote subscribers in the SUBSCRIBERS , Remote : field with the number of remote subscribers on the print-out of the DEFINITY AUDIX Feature Daily Traffic screen.
4. Press F1 (Cancel).

The system display the following message:

command successfully completed

The cursor returns to the command line.

## Machine Names and Voice IDs

1. Type **list machines** and press ENTER.

The system displays the List Machine screen.

2. Verify that the machine names match the machine names in the DEFINITY AUDIX system.

3. Verify that the voice IDs match the voice IDs in the DEFINITY AUDIX system.
4. Press F1 (Cancel).

The system display the following message:

command successfully completed

The cursor returns to the command line.

## Address Ranges

1. Type **list address-ranges** and press ENTER.  
The system displays the List Address-Ranges screen.
2. Verify that the address ranges match the address ranges in the DEFINITY AUDIX system.
3. Press F1 (Cancel).

The system display the following message:

command successfully completed

The cursor returns to the command line.

4. Return to the procedures checklist.

## Removing the SCSI Interface Card



### WARNING:

Damage from electrostatic discharge is possible. For more information, see Protecting against Damage from Electrostatic Discharge (page xiii) in About This Book (page vii).

After confirming that the data transferred successfully to the MAP/5P, MAP/5PV3, or MAP/5PV4 system, remove the SCSI interface card.

To remove the SCSI interface card:

1. Start at the INTUITY Main Menu and select:

```
Customer/Services Administration
  System Management
    System Control
      Shutdown System
```

The system displays the Wait Time Window (page 71).

2. Enter a number between 0 and 60 to designate how long the system will wait for subscribers to log off.
3. Press F3 (Save).

The system displays the following message:

```
Shutdown started.
```

When the system is completely shut down, the system will display the following message.

```
The system is down.  
Press Ctrl-Alt-Del to reboot your computer.
```

4. Turn off the system power.



**CAUTION:**

Observe proper electrostatic discharge precautions when you handle computer components. Wear an antistatic wrist strap that touches your bare skin and connect the strap cable to an earth ground. For detailed electrostatic discharge instructions, see Protecting against Damage from Electrostatic Discharge (page xiii) in the About This Book (page vii) section.

5. Remove the tape drive cable.
6. Do one of the following:
  - If you are upgrading to a MAP/5P or MAP/5PV3:
    - Remove the screw retaining the SCSI interface card in PCI slot 1.
    - Remove the SCSI interface card by gently pulling on each corner.
  - If you are upgrading to a MAP/5PV4:
    - Remove the screw retaining the SCSI interface card in the shared PCI slot 2/ISA slot 1.
    - Remove the SCSI interface card by gently pulling on each corner.
7. Replace the SCSI interface card in the static-reducing bag.
8. Replace the tape drive and the SCSI interface card in the reusable migration kit.
9. Do one of the following:

- For MAP/5P and MAP/5PV3 systems, replace the retaining screw. Tighten the circuit card retaining screw.
  - For MAP/5PV4 systems, replace the retaining screw and then replace the card cage cover and card cage cover screw.
10. Replace the dress cover. See *Getting Inside the MAP/5P and MAP/5PV3* or *Getting Inside the MAP/5PV4* on the *INTUITY Messaging Solutions Release 5 Documentation for Technicians* CD-ROM, 585-313-807.
  11. Restore power to the system. For more information, see the *INTUITY Messaging Solutions Release 5 Documentation for Technicians* CD-ROM, 585-313-807.
  12. Return to the Migration Checklist (page 2).

## Removing the Migration Software

Once the migration is complete and the data transfer is verified, remove the migration software to preserve disk space.

To remove the migration software:

1. Start at the INTUITY Main Menu and select:

```
Software Management
  Software Removal
```

The system displays the Basic Software Removal Screen.

2. Use the UP or DOWN arrows to move the cursor to the following package:

```
[ ] mig -- INTUITY AUDIX Migration Software
```

3. Press ENTER to select the package for removal.
4. Press the DOWN arrow until the cursor highlights Submit.
5. Press ENTER.

The system displays the following message:

```
The following packages have been identified
for removal. Select [Continue] to remove the
listed packages.
```

```
mig -- INTUITY AUDIX Migration Software
```

6. Press the down arrow until the cursor highlights `Continue`.
7. Press `ENTER`.

The system removes the migration package and displays the following messages:

```
Removal completed successfully  
Press [Enter] to continue.
```

8. Press `ENTER`.
9. Press `F6` (Cancel) to exit the Software Removal screen.

The system displays the INTUITY Main Menu.

**Note:**

The main menu displays the Migration option until you log off and then back on.

10. Return to the Migration Checklist (page 2).

## Cabling the INTUITY AUDIX System

You must cable the INTUITY AUDIX system to the switch. The steps in this procedure depend on the communication mode of the DEFINITY AUDIX.

To cable the INTUITY AUDIX to the switch:

1. Do one of the following:
  - If the DEFINITY AUDIX was in CL mode, the BX.25 connection is required. Go to *Using a BX.25 Connection* (page 31).
  - If the DEFINITY AUDIX system was in Display Set (DS) mode, install the customer's hardware in the switch. Go to See Chapter 2 in the *INTUITY Messaging Solutions Release 5 Integration Using Digital Station Interface* document located on the *INTUITY Messaging Solutions Release 5 Documentation for Technicians* CD-ROM, 585-313-807. Follow the steps in that chapter. Then go to *Administering for the Switch* (page 32).

## Using a BX.25 Connection

The BX.25 connection uses the existing circuit card to provide the switch data link. New cables may be required. The customer is responsible for providing any new cables.

To cable the INTUITY AUDIX system to the switch:

1. Disconnect the cabling from the DEFINITY AUDIX system. If the DEFINITY AUDIX system used CL mode, leave the cable connected to the PI or PGATE circuit card.

For more information, see the DEFINITY AUDIX Installation book for your system.



**CAUTION:**

You may need a new cable for the PI or PGATE connection to protect against power surges. If the DEFINITY AUDIX used DS mode with a H600-406 null modem cable to connect to a PI or PGATE circuit card on the switch, a new cable and IDI unit combination must be used. This new combination includes a H600-175 cable, an IDI unit, and a H600-210 cable.

2. Shut down the INTUITY AUDIX system. Turn off the power.
3. If this is a MAP/40P or MAP/100P system, remove the tape drive and its SCSI cable.
4. Connect the BX.25 cabling to the INTUITY AUDIX system.

This connection requires either an IDI or a modem connection. For more information, see *Connecting Cables and Peripheral Devices* on the *INTUITY Messaging Solutions Release 5 Documentation for Technicians* CD-ROM, 585-313-807, then click the correct circuit card link.

5. Turn on the INTUITY AUDIX system. When the system displays the Login prompt, log in using craft.

This puts the INTUITY AUDIX system into service for the test stations.

6. Continue with *Administering for the Switch* (page 32).

## Administering for the Switch

To complete administration for the switch:

Description	Reference
<p>1. If the DEFINITY AUDIX system was in DS mode, readminister the DEFINITY subscriber stations and voice port hunt group. This is necessary so that the message waiting lights display correctly.</p> <p>Do the following:</p> <ul style="list-style-type: none"> <li>■ Identify each subscriber's station as a 2500 station with the LWC Reception field set to <b>AUDIX</b>, LWC activation set to <b>y</b>, and Redirect Notification set to <b>y</b>.</li> <li>■ Change the hunt group for the voice ports so that the Message Center name is <b>AUDIX</b>, instead of <b>none</b>.</li> </ul>	<p>Chapter 3 of either INTUITY AUDIX switch integration book:</p> <ul style="list-style-type: none"> <li>■ System 75</li> <li>■ System 85</li> </ul> <p>See the Switch Integration section on the <i>INTUITY Messaging Solutions Release 5 Documentation for Technicians</i> CD-ROM.</p>
<p>2. Add the INTUITY AUDIX voice ports to the hunt group. Subscribers can then call the same phone number on the INTUITY AUDIX system that they used for the DEFINITY AUDIX system.</p> <p><b>Note:</b> Use the same extension for the INTUITY AUDIX hunt group as was used for the extension for the DEFINITY AUDIX system. This also avoids subscriber coverage path readministration.</p>	
<p>3. Administer the data link if the DEFINITY AUDIX was in DS Mode.</p>	

## Readministering the Voice Port Information

Voice port information is not transferred during the migration and must be readministered on the INTUITY AUDIX.

For more information, see Administering Channels on the *INTUITY Messaging Solutions Release 5 Documentation for Technicians* CD-ROM. Complete all three procedures on this menu.

## Confirming the Switch Link Information

The switch link information is not transferred during the migration. The switch parameters require readadministration either by you or the Remote Support Center.

To check the switch link parameters:

1. Start at the INTUITY main menu and select:

```
Switch Interface Administration
DCIU Interface Administration
```

The system displays the DCIU Interface Administration window, as in DCIU Interface Administration Window (page 74).

2. Compare the contents of this screen to the information on the Switch Link DCIU-SCI Screen (page 75) for the DEFINITY AUDIX.
3. Change any fields that do not match the DEFINITY AUDIX screen.

## Releasing the Switch Data Link

For this procedure, DEFINITY switches are divided as follows:

- Releasing the Data Link on a System 75 G1 or G3 Switch (page 33)
- Releasing the Data Link on a G2 Switch (page 34)

### Releasing the Data Link on a System 75 G1 or G3 Switch

To release the data link, perform the following tasks on the switch administration terminal (SAT):

1. Enter **release link *n***

where *n* is the number of the link going to the INTUITY AUDIX system. Valid input is an integer from 1 to 8.

For more information, see the DEFINITY switch documentation.

2. Continue with Completing Additional Installation Tasks (page 34).

## Releasing the Data Link on a G2 Switch

To release the data link, perform the following tasks on the switch administration terminal (SAT):

1. Enter **proc650 test 3**
2. Enter **rb**

For more information, see the DEFINITY switch documentation.

3. Continue with [Completing Additional Installation Tasks](#) (page 34).

## Completing Additional Installation Tasks

To complete the migration, you (or the customer) must complete a number of additional installation tasks, depending on the features on the new INTUITY AUDIX system. These may include:

- Administering additional languages
- Testing alarms
- Administering remote terminals
- Administering modems
- Administering printers
- Backing up the system
- Administering analog networking
- Administering digital networking

If the new system has digital networking and has been readministered, the customer should run manual remote updates.

- Administering remote machines

**Note:**

If the customer is responsible for these tasks, give the customer all printouts from the DEFINITY AUDIX system to assist in readministering the new system.

For more information about administering these features, see the Initial Administration and Test for Features menu on the *INTUITY Messaging Solutions Release 5 Documentation for Technicians* CD-ROM. Click the link for each feature that the customer has purchased.

## System-Parameters Customer-Options Screen

```
drmf011 Active Alarms: A Thresholds: none Logins: 1
display system-parameters customer-options Page 1 of 2
SYSTEM-PARAMETERS CUSTOMER-OPTIONS

Port Emulation Type: tn2181
Switch Integration Type: control-link
Maximum Number of Voice Ports: 8
Maximum Number of Digital Networking Ports: 1
AMIS Analog Networking? y
Multilingual? y
Maximum Number of IMAPI Sessions: 32
Hours of Voice Storage Purchased: 40
Total Hours on Disk: 102

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

# Machine Profile Screen, page 1

```
display machine Refresh      Enter      ClearFld      Help Page 1 of 2
                                MACHINE PROFILE
Machine Name: denvercl      Machine Type: audix      Location: local
Voiced Name? y      Extension Length: 5
Voice ID: 0      Default Community: 1
ADDRESS RANGES
Prefix      Start Ext.      End Ext.      Warnings
1:      80000      99999
2:      21000      21016
3: 87      50000      59999
4:
5:
6:
7:
8:
9:
10:
enter command: display machine
```

# List Machines Screen

```
denuvercl Active Alarms: A Thresholds: none Logins: 1
list machines Refresh Enter ClearFld Help Page 1
LIST MACHINES

Machine Machine Type Voice ID Callback No.
SCSS0 amisap 24 1
acdenuver amisac 1 1
alphaudix amisap 22 1
ax85 audix 7 N/A
bclists amisap 15 1
bellcore amisap 16 1
bw1 amisap 14 1
calldelv calld 2 N/A
denver audix 13 N/A
denuvercl audix 0 N/A

Press [NextPage] for more data or [Cancel] to abort
enter command: list machines
```

## Machine Profile Screen, page 2

```
drmf011 Active Alarms: A Thresholds: none Logins: 1
display machine dawdm Page 2 of 2
MACHINE PROFILE

NETWORK CONNECTION PARAMETERS
Dial String: 75623020
Modem String:

Data Rate: 56000 Password: drmf024

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? y

Log Connect Events? y

Network Turnaround? n

Updates In? y Out? y
enter command: display machine dawdm
```

# Switch Link DCIU-SCI Screen

```
AUDIX Active Alarms: wA Thresholds: none Logins: 1
display switch-link Page 1 of 1
SWITCH LINK DCIU-SCI

  AUDIX Port
Switch Logical Switch Data
Number Channel Port Link

  1      1      56      1
  3
  5
  7
  9
  11
  13
  15
  17
  19

  AUDIX Port
Switch Logical Switch Data
Number Channel Port Link

  2
  4
  6
  8
  10
  12
  14
  16
  18
  20

Host Switch: 1
AUDIX: 6

enter command:
```

## Change Station Screen

```
change station 12007                                     Page 1 of 4

STATION
Extension: 12007          BCC:0
  Type: 7405D            Lock Messages: n          COR: 1
  Port: 1A0507          Security Code: _          COS: 1
  Name: AUDIX TRANSFER  Coverage Path: 20

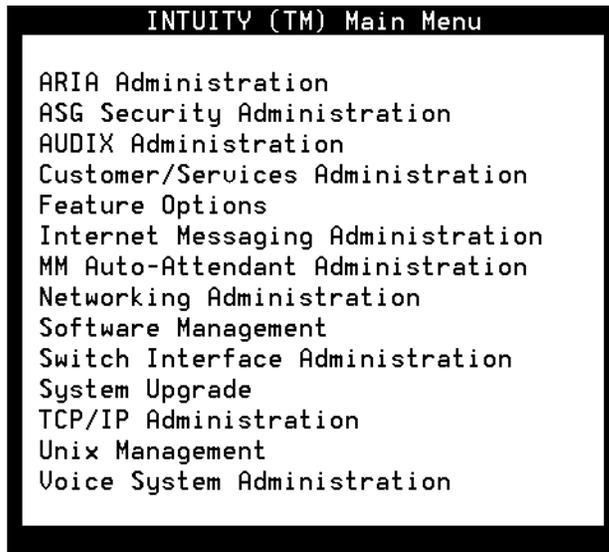
FEATURE OPTIONS
  LWC Reception? msa-spe          Coverage Msg Retrieval? y
  LWC Activation? y                Auto Answer? n
  SMDR Privacy? _____        Data Restriction? n
Redirect Notification? n          Idle Appearance Preference? n
Bridged Call Alerting? n

                                   Restrict Last Appearance? n

  Data Module? n

  Display Module? y                Coverage Module? n
```

## INTUITY Main Menu



## Backup Warning Screen

A successful backup has not been completed in the past 2 hours. In the unlikely event of a catastrophic failure during this upgrade procedure, a full system backup may be the only method of recovering the customer's data. Doing a full system backup is HIGHLY recommended.

Do you want to continue with the upgrade anyway?

( ) Yes, continue this operation without full system backup

(\* ) No, quit this operation in order to complete full system backup

Continue

Help

## Software Install Screen, Page 1

Lucent Technologies INTUITY/AUDIX - Software Install (p1 of X)

\*\*\*SOFTWARE INSTALL\*\*\*

These installed packages need to be updated. Below is a list of versions of software on the install media that will be updated.

You may need to press SPACEBAR in order to see more package selections and see the action items.

## Software Install Confirmation

SOFTWARE INSTALLATION

You selected the following packages from the CD:

\*mig -- Est. Installation Time: 5 minutes

Total Estimated Installation time is 0 hours and 5 minutes.

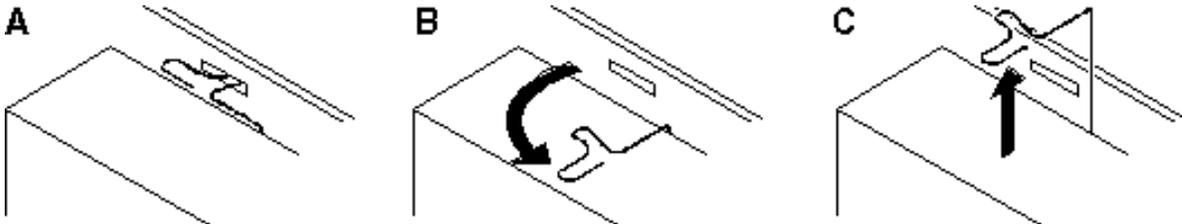
PROCEED

Help

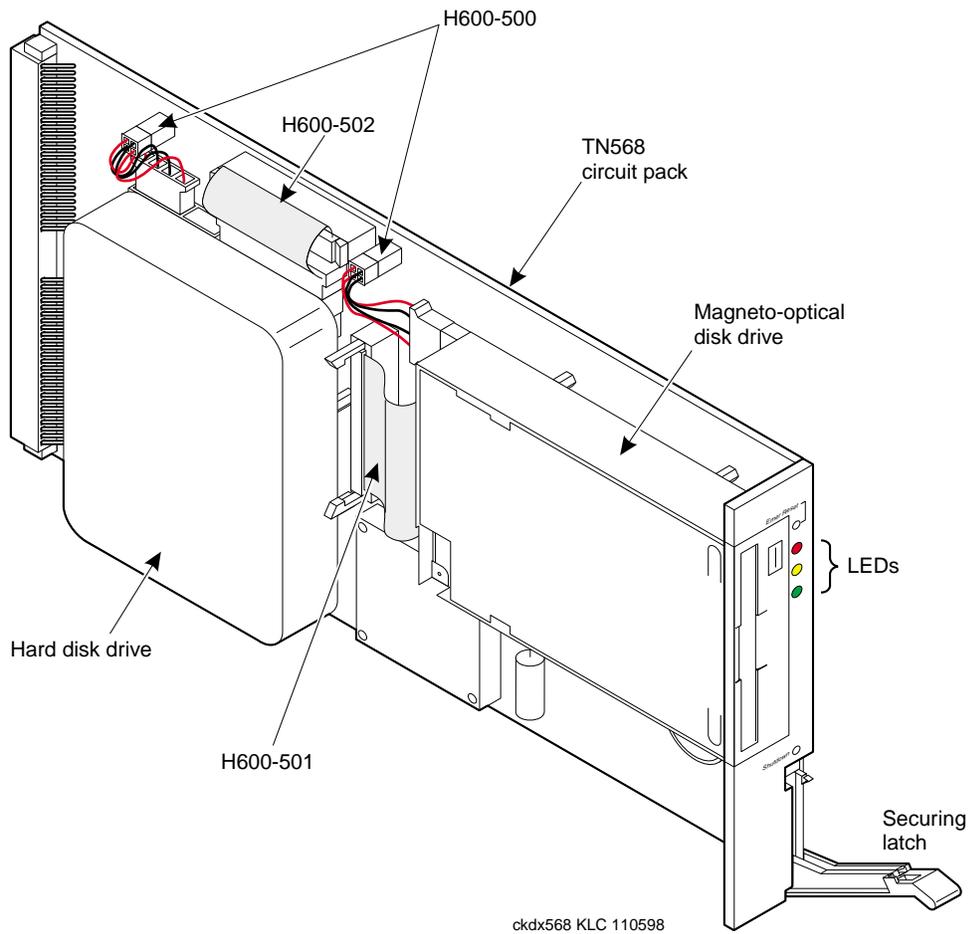
Back to selection form

Back to main menu

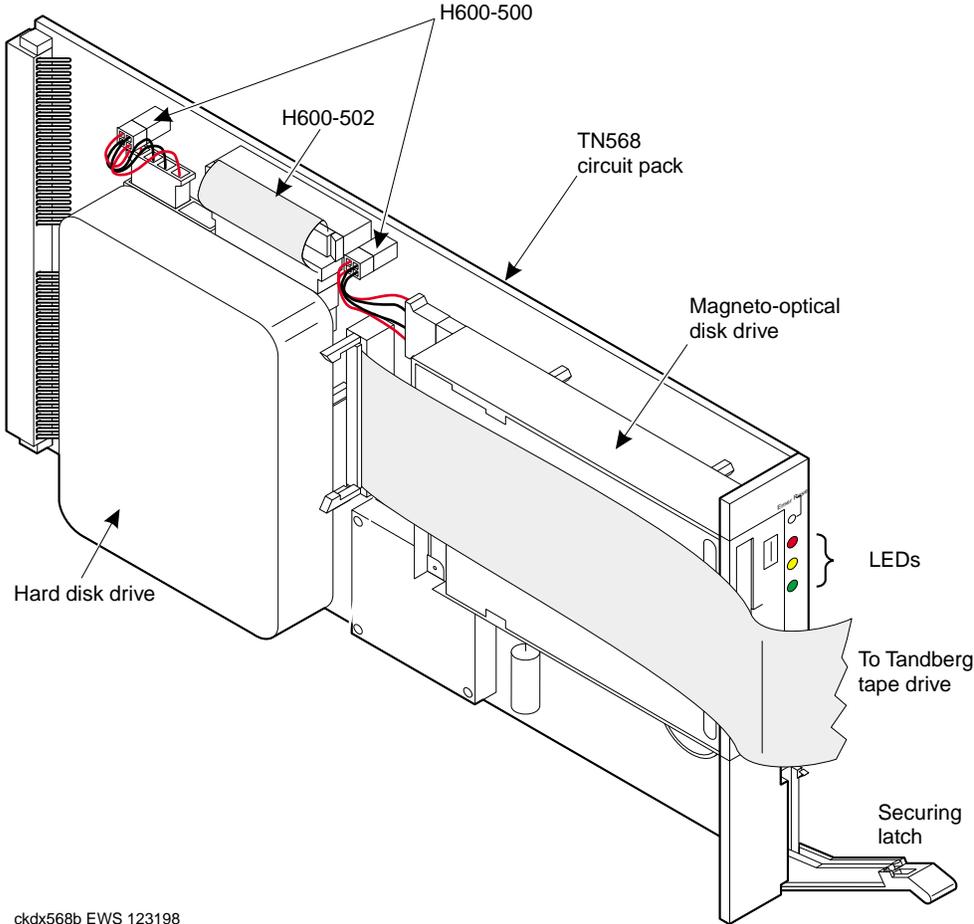
**Figure:  
Removing the Retaining Clips from the Tape Drive**



# Figure: TN568 Circuit Card



# Figure: SCSI Cable Routing



ckdx568b EWS 123198

## DEFINITY AUDIX Command Prompt Screen

```
drnfb2      Active   Alarms: mwf  Thresholds: none           Logins: 3
-----
DEFINITY(R) AUDIX(R) System .....
enter command:
1Cancel  2Refresh  3Enter  4ClearFld  5Help  6Choices  7NextPage  8PrevPage
```

## Reset System OA&M Screen

```
denvercl Active Alarms: A Thresholds: none Logins: 1
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
```

## Save Nightly Screen

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

Status of most recent "save nightly" backup: completed

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

## Save Weekly Screen

```
denvercl Active Alarms: A Thresholds: none Logins: 1
save weekly Page 1 of 1
SAVE WEEKLY

Status of most recent "save weekly" backup: completed

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

## Save Voice Screen

```
remove tape
save voice                                     Page 1 of 1

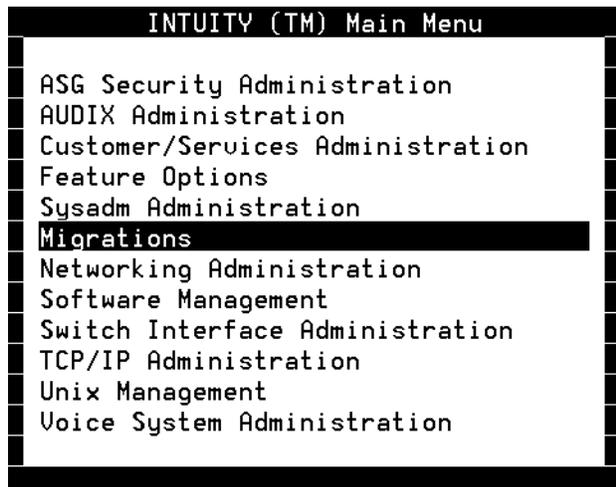
                                SAVE VOICE

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

Press [ENTER] to execute or press [CANCEL] to abort
enter command: save voice
```



## INTUITY Main Menu



## Migrations Menu

```
==== Migration to Intuity AUDIX R5 (mig package version = 5.0-12) ====
```

- 1) Transfer data from AUDIX R1
- 2) Transfer data from AUDIX Voice Power
- 3) Transfer data from AVP Lodging to Intuity Lodging
- 4) Transfer data from DEFINITY AUDIX
- 5) Remove Voiced Names
- 6) Exit

```
Select option () [ 1 ] :
```

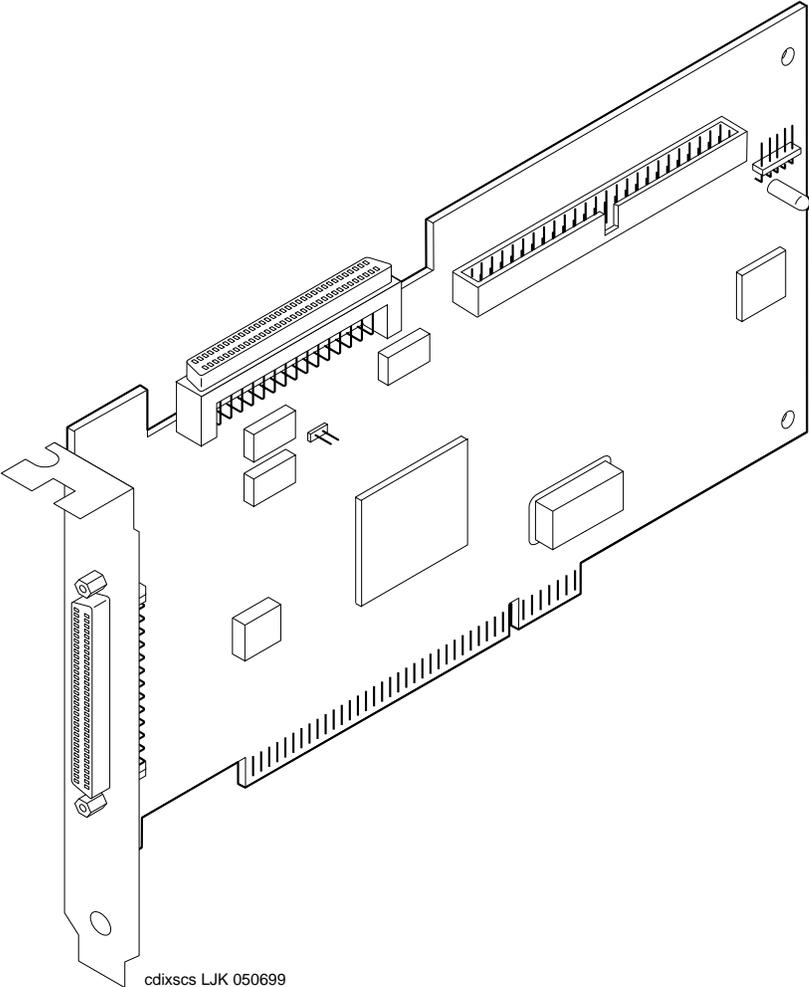
## Migration From DEFINITY AUDIX Menu

```
==== Migration From DEFINITY AUDIX ====
```

- 1) Migrate
- 2) Display Log File
- 3) Logout

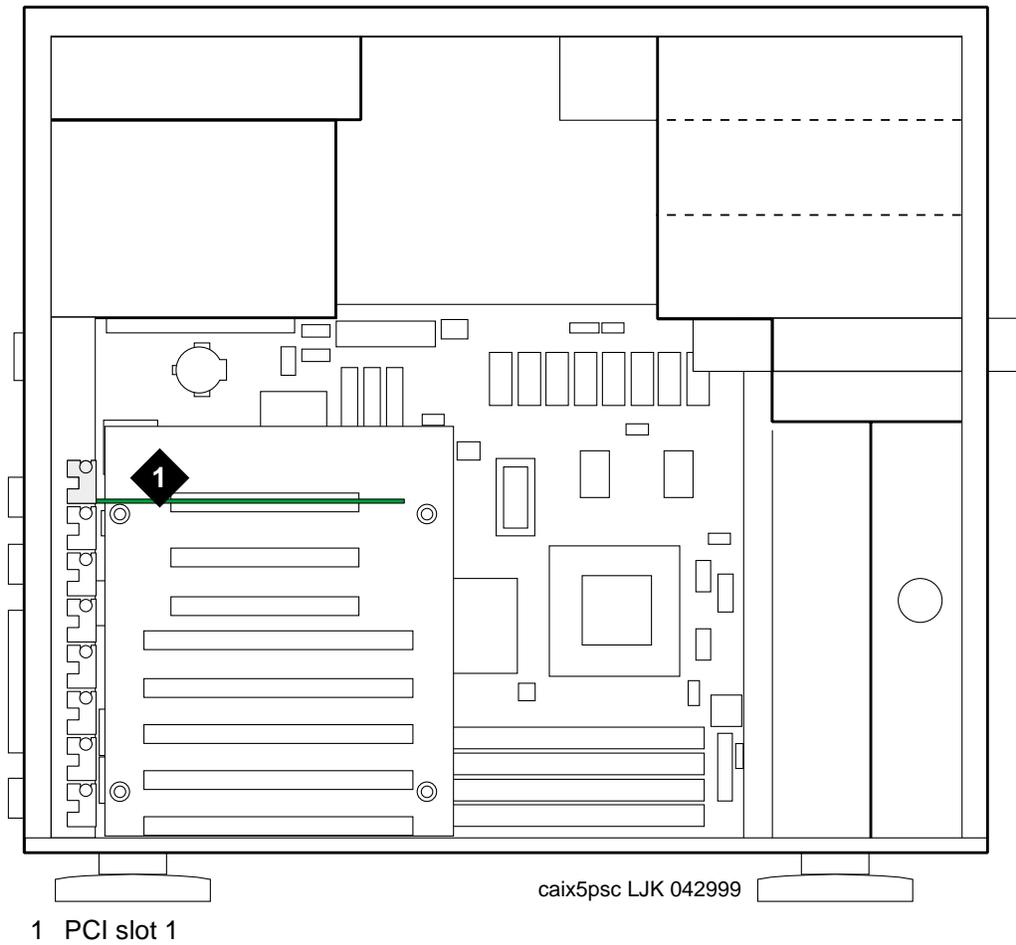
```
Select option () [ 1 ] :
```

# Figure: SCSI Interface Circuit Card

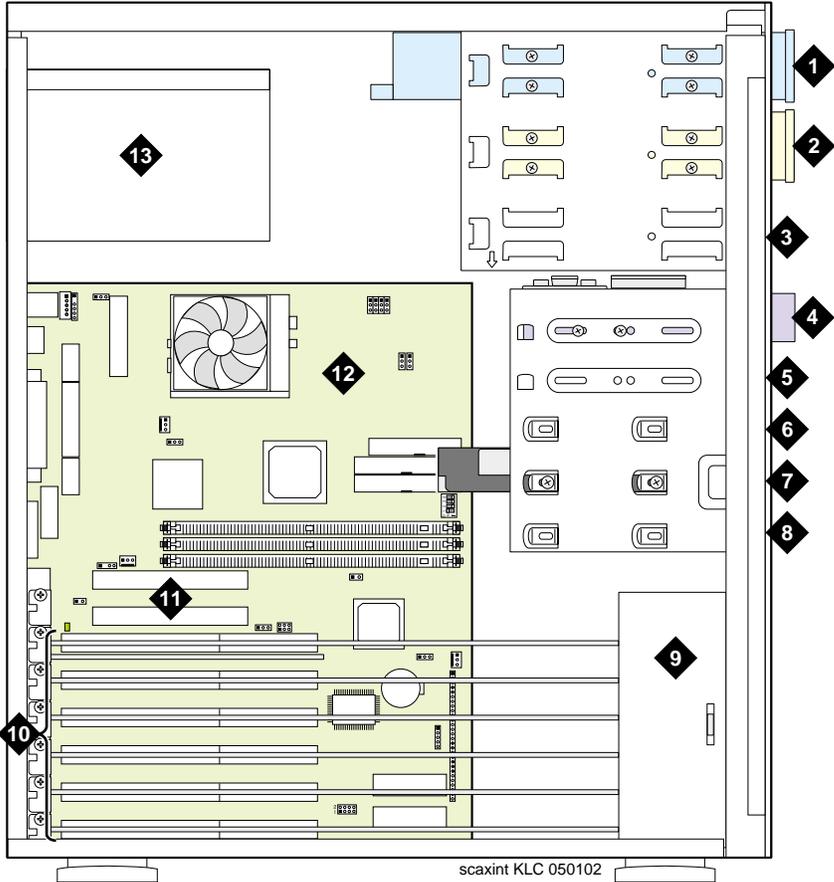


cdixscs LJK 050699

## Figure: MAP/5P and MAP/5PV3 PCI Slot Location

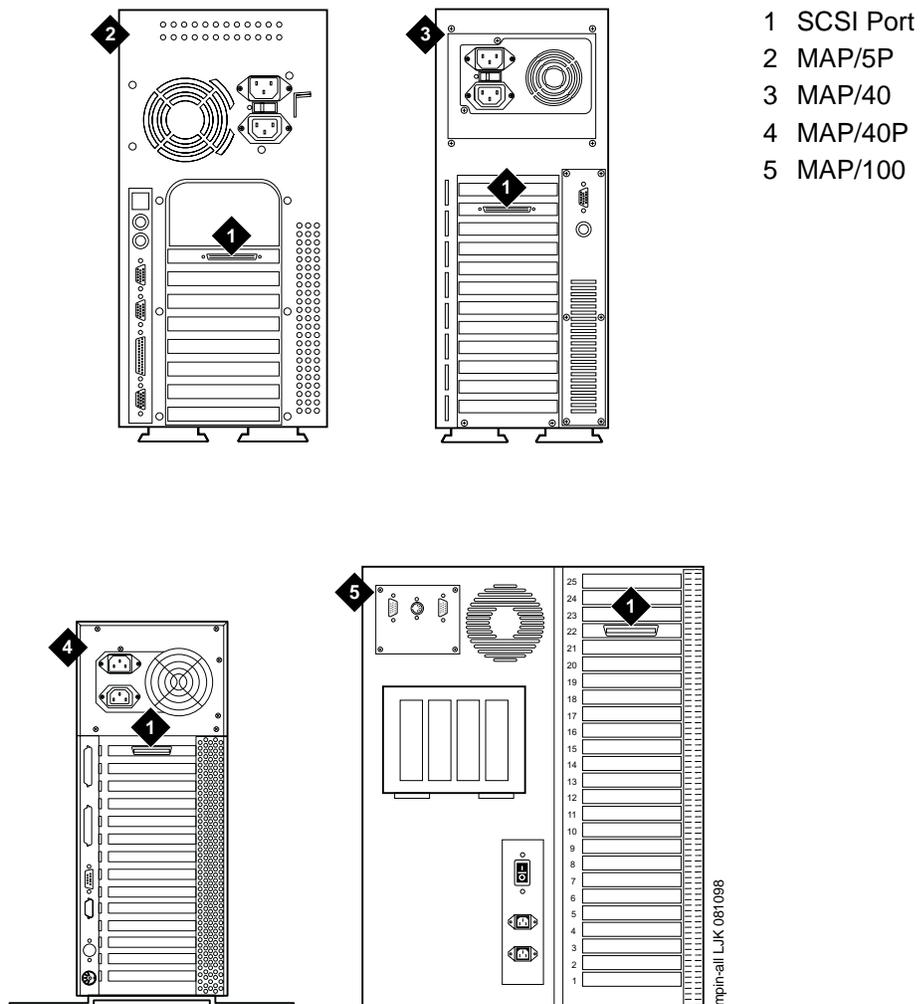


# Figure: MAP/5PV4 PCI/ISA Slot Locations

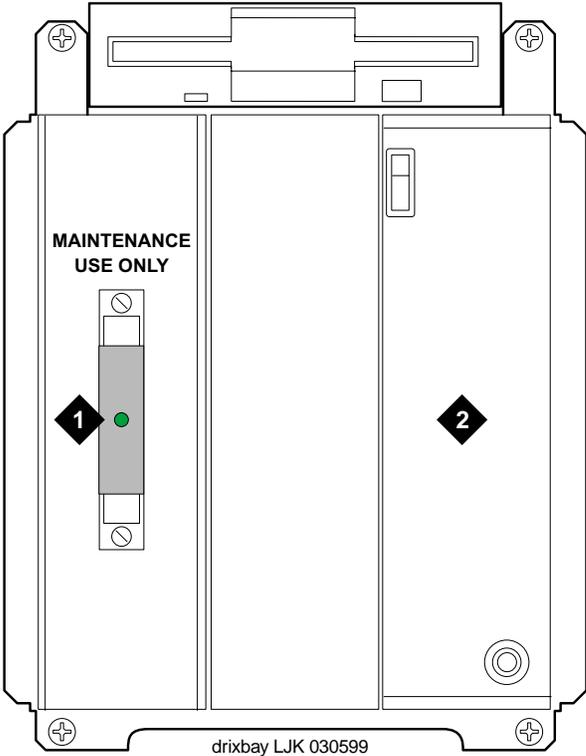


- 1 Bay 1—CD-ROM drive
- 2 Bay 2—Tape drive
- 3 Bay 3—Empty
- 4 Bay 4—Diskette drive
- 5 Bay 5—Empty
- 6 Bay 6—Empty
- 7 Bay 7—Hard disk drive
- 8 Bay 8—Empty
- 9 Circuit card cage fan and cover
- 10 ISA slots 1–6 (slot 1 is the top-most slot)
- 11 PCI slots 1–2 (slot 1 is the top-most slot)
- 12 Motherboard
- 13 Power supply

## Figure: MAPs and SCSI Port Locations

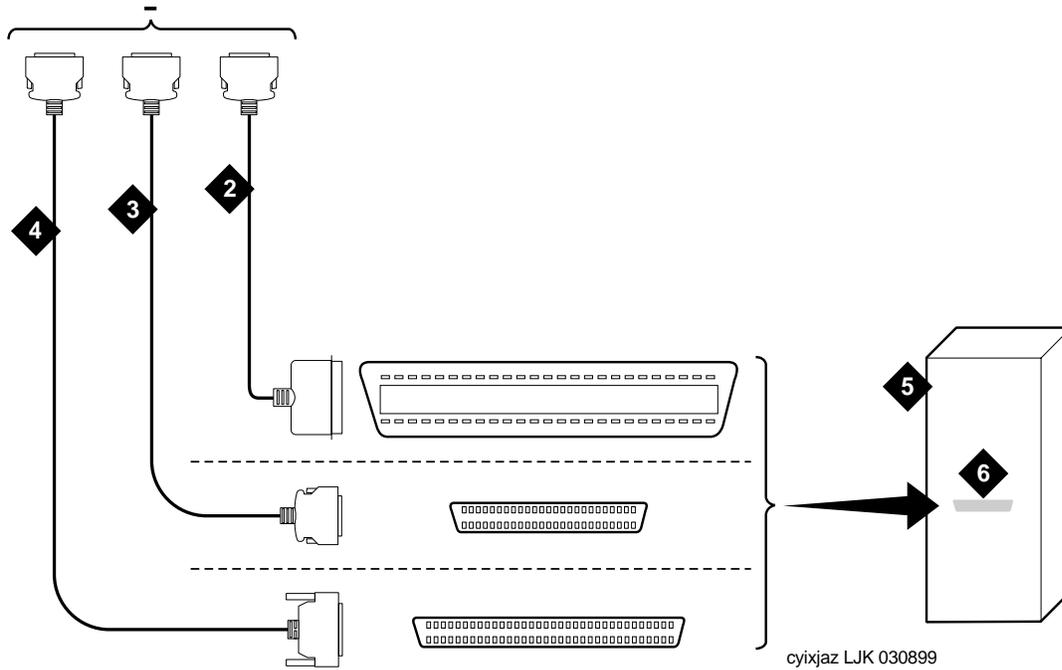


**Figure:**  
**MAP/100P SCSI Connection (Front of System)**



- 1 SCSI terminator
- 2 Tape drive

## Figure: SCSI Cables for the INTUITY AUDIX System



- 3 SCSI 2 to SCSI 1 Cable
- 4 SCSI 2 to SCSI 2 Cable
- 5 SCSI 2 to SCSI 3 Cable

- 6 INTUITY AUDIX system
- 7 SCSI Port

# Class of Service Screen, page 1

```
change cos 3                                     Page 1 of 2
                                     CLASS OF SERVICE

      Name: class03      COS Number: 3      Modified? y
Addressing Format: extension

      Login Announcement Set: System
System Multilingual is OFF      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 Message Transfer? n      Fax Creation? n      Trusted Server Access? n

Command aborted
enter command: change cos 3
```

## Class of Service Screen, page 2

```
AUDIX           Active           Alarms: MmWA           Logins: 5
display 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: funda
Retention Times(days),File Cab: 10           Delivered/Nondeliverable: 5

Voice Mail Message (seconds), Maximum Length: 120 Minimum Needed: 40
Call Answer Message (seconds), Maximum Length: 120 Minimum Needed: 16

End of Message Warning Time (seconds): 0

Maximum Mailing Lists: 20           Total Entries in all Lists: 200
Mailbox Size (seconds), Maximum: 800           Minimum Guarantee: 0

enter command: display cos 1
```

## Subscriber Screen

```
STT03           Active           Alarms: mWA           Logins: 4
display subscriber 22004           Page 1 of 2
SUBSCRIBER

      Name: John           Locked? n
      Extension: 22004           Password:
      COS: def           Miscellaneous:
Switch Number: 1           Covering Extension:
Community ID: 1           Broadcast Mailbox? n
Secondary Ext:

.

enter command: display subscriber 22004
```

## Subscriber Class of Service Parameters Screen

```

SUBSCRIBER CLASS OF SERVICE PARAMETERS
Addressing Format: extension          Login Announcement Set: System
Name: Robert Smith                  Locked? n
SystemMultilingual is OFF          Call Answer Primary Annc. Set: System
COS: class00                          Miscellaneous 1: _____
SCall Answer Language Choice? n Call Answer Secondary Annc. Set: System
Community ID: 1                        Miscellaneous 3: _____
Secondary
PERMISSIONS
Type: call-answer      Announcement Control? n          Outcalling? n
Priority Messages? n      Broadcast: none          IMAPI Access? n
EIMAPI Message Transfer? n      Fax_Creation? n      Trusted Server Access? n

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): _____
enter commMaximum Mailing Lists: 25 12 Total Entries in all Lists: 250
Mailbox Size (seconds), Maximum: 1200          Minimum Guarantee: 0
    
```

## Remote Subscriber Screen

```
display remote-subscriber drbig1 82000 Page 1 of 1
REMOTE SUBSCRIBER
Subscriber Name: ext 82000 Extension: 82000
Machine Name: drbig1
Address: 82000
Community ID: 1
Administered? y
Voiced Name? n
Non-Administered Type: Last Usage Date: 12/10/97
80018 18
Command Successfully Completed
enter command:
```

## Feature Daily Traffic Screen

```
stcle1 ██████████ Active ██████████ Alarms: A ██████████ Logins: 1
list measurements feature day ██████████ Page 1
FEATURE DAILY TRAFFIC
Date : 05/12/99 Ending Time : 22:55
Maximum Average Voice Ports in Use: 0.0
Maximum Average IMAPI Sessions in Use: 0.0
SUBSCRIBERS
Local: 62 Remote: 0 Non Administered Remote: 0
VOICE MAIL
Successful Logins, External:0 Internal:0 Client Logins:0
Failed Logins, External:0 Internal:0 Client Logins:0
Session Usage (Seconds) :0 Session Usage:0
CALL ANSWER
Completed Calls, External:0 Internal:0 Network:0
Voice Components, External:0 Internal:0 Network:0
FAX Components, External:0 Internal:0 Network:0
Abandoned Calls, External:0 Internal:0 Network:0
Session Usage (Seconds) :0 ██████████ Session Usage:0 ██████████
Press [NextPage], [PreuPage] or [Cancel]
enter command: list measurements feature day
```

# List Machines Screen

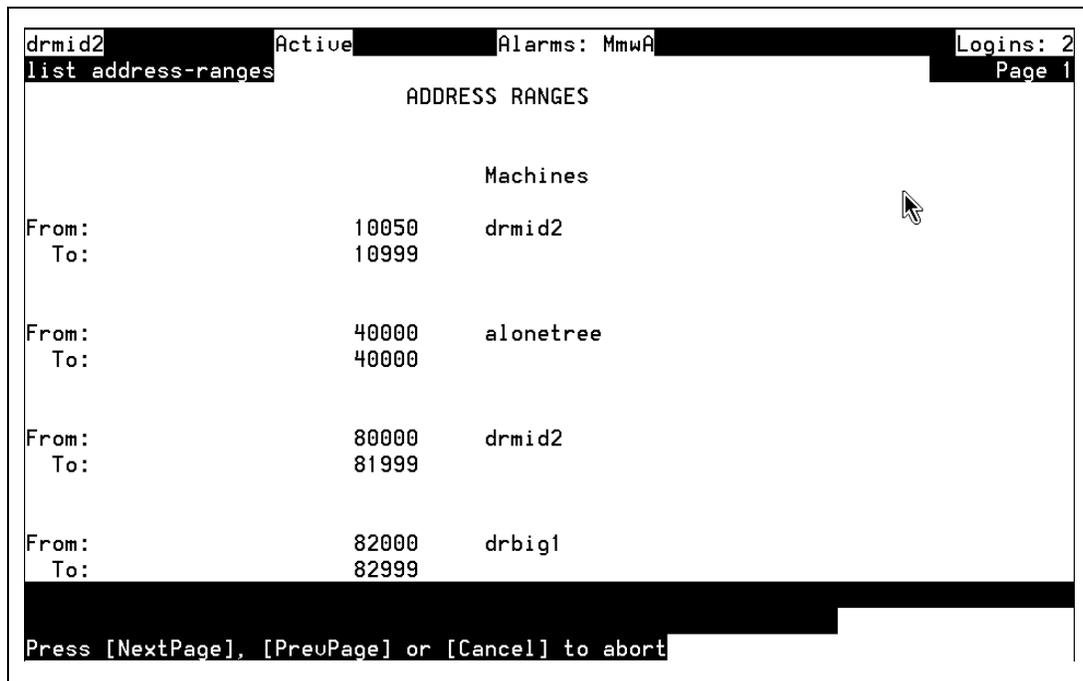
```
drmid2 ██████████ Active ██████████ Alarms: mWA ██████████ Logins: 3  
list machines ██████████ Page 1
```

LIST MACHINES

Machine	Machine Type	Voice ID	Callback No.
alonetree	amisap	7	1
drbig1	VEX	8	N/A
drbig2	VEX	11	N/A
drdtp1	VEX	2	N/A
drmid2	local	0	N/A
drmid3	amisap	10	1
lonetree	VEX	6	N/A
marigold	VEX	4	N/A
tincup	VEX	5	N/A

Press [NextPage], [PreuPage] or [Cancel]  
enter command: list machines

## List Address Ranges Screen



# Wait Time Window



## Sample Subscriber Station Screen

```
add station 12001                                     Page 1 of 1

                                     STATION
Extension: 12001      BCC: 0
                                     Type: 2500      Lock Messages: n      COR: 1
Port: 01A0501      Security Code: _____      COS: 5
Name: AUDIX 1      Coverage Path:      Tests? n

FEATURE OPTIONS
LWC Reception? audix      Coverage Msg Retrieval? n
LWC Activation? y      Auto Answer? n
CDR Privacy? n      Data Restriction? n
Redirect Notification? y      Call Waiting Indication? n
Off Premise Station? n      Att. Call Waiting Indication? n
R Balance Network? n      Distinctive Audible Alert? n
Switchhook Flash? y      Message Waiting Indicator: _
                                     Station Adjunct Supervision: y

AUDIX Name: AUDIX
Message Server Name: _____      Audible Message Waiting? n
```

## Sample Hunt Group Screen

add hunt-group 10	Page 1 of 6	
HUNT GROUP		
Group Number:10	Group Extension: 12000	Group Type: ucd
Group Name: AUDIX	Coverage Path: _____	COR?: 1
Security Code: _____	Message Center: audix	ACD? n
Queue? y Night	Service Destination: _____	Vector? n
ISDN Caller Disp: _____		
Queue Length: 16		
Calls Warning Threshold: __	Calls Warning Por: _____	
Time Warning Threshold: _____	Time Warning Port: _____	
First Announcement Extension: _____	First Announcement Delay (sec): _____	



# Switch Link DCIU-SCI Screen

```
AUDIX Active Alarms: wA Thresholds: none Logins: 1
display switch-link Page 1 of 1
SWITCH LINK DCIU-SCI

  AUDIX Port
Switch Logical Switch Data
Number Channel Port Link

  1      1      56      1
  3
  5
  7
  9
  11
  13
  15
  17
  19

  AUDIX Port
Switch Logical Switch Data
Number Channel Port Link

  2
  4
  6
  8
  10
  12
  14
  16
  18
  20

Host Switch: 1
AUDIX: 6

enter command:
```



# Migration Log File Error Codes

---

## Overview

This section is organized as follows:

- Migration Log File Error Codes (page 77)
- Migration Field Descriptions (page 93)

## Migration Log File Error Codes

A variety of error codes may appear in a migration log file. Use the information in the Migration Log File Error Codes (page 77) table to help determine how to correct migration problems.

**Table: Migration Log File Error Codes**

Code	Description
0	Done; the data is okay
4	Bad data
5	Invalid entry
6	Bad data; data is out of range
9	Hardware device busy
10	You cannot change from n to y using this form
12	System error
13	Maintenance port busy

**Table: Migration Log File Error Codes**

<b>Code</b>	<b>Description</b>
14	Invalid input
15	Hardware unit not configured
16	Unmatched volume label
17	Announcement set already exists
18	Invalid hardware unit
19	A number out of range
20	Tape and system's machine name and software release numbers do not match
21	Tape and system's software release numbers do not match
22	Tape and system's machine names do not match
23	System is in a shutdown state
24	Operation aborted
25	Partial subscriber name is not unique
26	"Remote Subscriber Specified"
27	"No Subscriber Administered for this Extension"
28	Call back number exceeds 15 digits
29	Country code of 0 is not valid
30	The specified address is not a voice port
31	Voice group is currently busy
32	System error = default AE code
33	Old password must be entered
34	Bad volume name
35	Volume name already exists
36	Hardware unit is unequipped
37	Hardware unit fault
38	Data is unavailable — check back later
39	Cannot decrease file system size
40	Not a valid field for delete

**Table: Migration Log File Error Codes**

<b>Code</b>	<b>Description</b>
41	Up to 5 digits are valid per extension
42	Duplicate extension — already in use
43	Duplicate touchtone — already in use
44	Invalid extension length
45	Extension range limit exceeded
46	Value exceeds system limits
47	Enter a value in this field
48	Previous copy still in progress
49	No more subscriber IDs available
50	Logical copy to nonexisting file system not allowed
51	File system in use — admin shutdown required
52	Volume does not exist
53	File system does not exist
54	Already exists
55	Does not exist
56	Local machine cannot be removed
57	Duplicate name — already in use
58	Illegal machine type
59	File system in use
60	Too many digits entered
61	Too few digits entered
62	Call transfer out of AUDIX feature not active
63	System covering extension not assigned
64	Enhanced transfer set to not active
65	Invalid hour entered on traffic report form
66	Invalid date entered on traffic report form
67	Subscriber activity in progress; try remove later
68	Feature not enabled. For example, outcalling on IMAPI = y but outcalling is not active.

**Table: Migration Log File Error Codes**

<b>Code</b>	<b>Description</b>
72	”Command Initiated” use “Status Tape” to check the progress.
73	Address range allocation exceeded
74	Status command completed
75	Machine name already exists
76	Machine does not exist. (Use double quotes if name includes spaces.)
77	Machine name does not exist
78	Not enough characters in password
79	No partial overlaps permitted
80	Message transmission schedule exceeds 24 hours
81	Use “new machine name” field
82	Entry must contain at least one non-digit
83	Administered/nonadministered subscriber threshold reached
84	Too many machine names specified
85	Duplicate node
86	Last node in node list — cannot remove
87	Cannot change node for unknown subscriber
88	Copy Initiated
89	Remove Initiated
90	Switch number not administered — field must be blank
91	To confirm, enter <b>y</b>
92	Number of network machines exceeds maximum limit.
93	Local machine name specified
94	Local subscriber name specified
95	File system not mounted
96	Only ACTIVE file system fragments may be cached
97	Only the ADMIN file system can be modified

**Table: Migration Log File Error Codes**

<b>Code</b>	<b>Description</b>
98	Audit or backup in progress
99	Invalid extension for this node
100	Operation confirmed application error code
101	Invalid fragment ID entered
102	Too many actions requested
103	Remote update failed
104	File system being mirrored or already mirrored
105	Invalid password
106	File system mirroring in progress, try later
107	Master and slave cannot be on same disk
108	Cannot increase slave size; increase master instead
109	Invalid number of digits in field
110	Invalid test selected for current switch * connection type
111	Too many message waiting ports specified
112	File system name is too big (file system name.type must be less than 16 characters)
113	Address ranges on system
114	Broadcast mailbox cannot change COS
115	Broadcast mailbox permissions type must be "none"
116	Name exists for AUDIX or text service machine.
117	Duplicate local or remote extension in use
118	Incorrect record length read
119	EOF reached without finding a record
120	Disk init selected; enter y to confirm
121	Invalid Automated Attendant Transfer Treatment
122	Port not available for use
123	Fragment zero cannot be removed
124	Transfer subscriber does not have call answer permissions but no automated attendant extension

**Table: Migration Log File Error Codes**

<b>Code</b>	<b>Description</b>
125	Ports 30 through 32 refer to VPT 5
126	No audit status available
127	No VPT 2 assigned
131	Bad class of service name or number
132	Not unique class of service name
133	Cannot change file system type
134	Cannot increase file system size
135	File system already mounted — diff mt pt
136	Conflicting new class of service name
137	Illegal extension (add subscriber command line)
138	Confirm turning off CDR ( <b>ch sys cdr</b> )
139	Cannot decrease CDR buffer size (ch sys cdr)
140	No test to reattach to (status test)
141	Must wait for previous test to complete
142	New Password and Confirm Password fields do not match
143	Invalid fragment
144	Fragment does not exist
145	Announcement set does not exist
146	Insufficient space in file system
147	Invalid announcement set
148	Not a touchtone-unique announcement set
149	Active announcement set cannot be removed
150	Invalid announcement ID
151	Announcement does not exist
152	Cannot copy into active announcement set
153	Admin announcement set not defined
154	Permission denied

**Table: Migration Log File Error Codes**

<b>Code</b>	<b>Description</b>
155	Cannot do a synchronization with the switch in OAM state
156	Invalid switch type for time sync. with switch
157	Device is write-protected
158	Confirm tape erasure
159	Confirm possible disk data erasure
160	Tape drive not ready — check cartridge
161	Tape access disable — check alarms
162	Tape not administered
163	Cannot write to tape — volume type must be “backup”
164	Restore failed — check admin/error logs
165	DATMSK env var. is not set
166	Template file cannot be open for reading
167	Failed to get file status information
168	The template is not a regular file
169	Error reading template file
170	Malloc failed (not enough memory)
171	No line in template file matches input
172	Already administered
173	Time sync. failed
174	Duplicate location — already in use
175	Day must be between 0 and 31
176	Year must be greater than 1989
177	Minutes must be between 0 and 59
178	Hour must be between 0 and 23
179	”Turning off this feature will delete many user greetings. Press enter to confirm?”
180	Must wait for previous audit to complete
181	Provisioned ports is less than ports administered

**Table: Migration Log File Error Codes**

<b>Code</b>	<b>Description</b>
182	Switch connection type must be 'Embedded'
183	You cannot administer more ports than you have purchased
184	You must supply a valid resource type
185	Choose either Active or Resolved alarms
186	Missing Major, Minor and/or Warning selection
187	Machine name is not unique
188	Machine type is invalid
189	Command not valid for amisac machine
190	Activity Log will be cleared. Press enter to confirm, cancel to cancel.
191	System initializing, please try later
192	System will be automatically restarted
193	Link log will be cleared
194	Invalid switch number
195	Host switch must be administered
196	Customer or old password incorrect
197	Cannot assign guest password to subscriber
198	Number of subscribers exceed sys limits
230	Baud rate valid for synchronous only
231	Duplicate baud rate
232	Board must be busied out first
233	Transfer type invalid for configuration
234	Full update in progress
235	Remote subscriber limit hit
236	No remote subscriber IDs
237	Update from this machine not allowed
1000	Not owner of resource
1001	Too many actions requested

**Table: Migration Log File Error Codes**

<b>Code</b>	<b>Description</b>
1002	Operation halted
1003	Enhanced transfer not active
1004	Audit had to do a fix
1005	Resource allocation failure
1006	At end of message
1007	At start of the message
1008	Another audit already in progress
1009	Bad announcement
1010	Bad checksum
1011	Bad file format
1012	Invalid fragment ID entered
1013	No record with desired key is found
1014	List to be added does not exist
1015	Bad master file system
1016	Both master and slave file systems have errors
1017	Invalid port
1018	Incorrect record length read
1019	Conflicting start operation already in progress
1020	Bad slave file system
1021	The subscriber does not exist
1022	Bad server
1023	Value out of range
1024	Invalid transaction ID
1025	Label does not match disk label
1026	Unassigned data link
1027	Background timeout
1028	Write/read buffer ID illegal
1029	Illegal xact-lock #

**Table: Migration Log File Error Codes**

<b>Code</b>	<b>Description</b>
1030	Only active file system fragments may be cached
1031	Invalid configuration
1032	Command invalid in current state
1033	Invalid command length
1034	Error code for invalid community ID
1035	Controller not configured
1036	Device or controller not configured **
1037	Press delete again for confirmation
1038	System is in a conflicting state
1039	Invalid date
1040	Resource deallocation failure
1041	Cannot delete ACTIVE or ADMIN versions
1042	Covering extension is invalid
1043	Dial denied
1044	Data is unavailable — check back later
1045	Duplicate extension — already in use
1046	Duplicate alias exist
1047	Duplicate subscriber name — already in use
1048	Duplicate node name
1049	Duplicate range — already in use
1050	Duplicate touchtone equivalent — already in use
1051	Duplicate disk label on system
1052	Empty
1053	Enhanced transfer set to not active
1054	Enter a value in this field
1055	Invalid extension length
1056	Too few digits entered
1057	Invalid flag value

**Table: Migration Log File Error Codes**

<b>Code</b>	<b>Description</b>
1058	No such file name
1059	Field name too long
1060	Field not empty
1061	Wrong file organization
1062	File system name is too big
1063	Help request
1064	Invalid hour
1065	Hardware unit not configured
1066	Invalid hardware unit
1067	Hangup
1068	Hardware error
1069	Invalid code
1070	Invalid system ID
1071	Invalid end of file setting
1072	Invalid extension for this node
1073	Invalid access code
1074	Announcement version not active
1075	Incompatible data
1076	Inconclusive result from Mtce Activity
1077	Disk initialization selected; enter <b>y</b> to confirm
1078	Invalid number of digits
1079	Invalid file system for mirroring
1080	File system being mirrored or already mirrored
1081	Data mirroring initiation in progress
1082	Incorrect length on address ranges
1083	Invalid initialization for RS232 modem
1084	Invalid input
1085	Invalid message

**Table: Migration Log File Error Codes**

<b>Code</b>	<b>Description</b>
1086	Invalid session ID
1087	Invalid test for current switch connection type
1088	Invalid vintage
1089	Key already exists or attempt to write on pristine file
1090	Bad key length
1091	Extension range exceeds limit
1092	Length of message slot out of range
1093	Data link not maintenance busy for testing
1094	Link error
1095	Multiple tests of data link interface not allowed
1096	Local machine name specified
1097	Too many digits entered
1098	Request rejected
1099	Recorded maximum allowed
1100	Invalid message body ID
1101	Too many devices
1102	Machine name exists
1103	Invalid mode
1104	Another call is necessary
1105	File system mounted
1106	Maximum rescheduling attempts reached
1107	No such alias exists
1108	Boot file system does not exist
1109	No call in progress using specified device
1110	Invalid channel
1111	Invalid class of service
1112	Copy from active boot file system not allowed
1113	Not an enterable field

**Table: Migration Log File Error Codes**

<b>Code</b>	<b>Description</b>
1114	The object does not exist
1115	No such field index
1116	Distribution list does not exist
1117	No file system mounted
1118	No message found
1119	Number of message slots out of range
1120	Number of network channels out of range
1121	No loop current after off-hook
1122	No carrier
1123	No status information to retrieve
1124	Cannot decrease file system size
1125	Not a valid field for delete
1126	No dial
1127	Loop current detected after on-hook
1128	Not duplicated
1129	File system does not exist
1130	Audit error but not allowed to fix it
1131	Flash hook for transfer failed
1132	No locks
1134	Logical copy to nonexisting file system not allowed
1135	Measurements not turned on
1136	Modem looparound test not available.
1137	No more objects
1138	Last node in node list; cannot remove it
1139	Physical copy to existing file system not allowed
1140	Outpulse for transfer failed
1141	No more records
1142	Cannot supply requested resource

**Table: Migration Log File Error Codes**

<b>Code</b>	<b>Description</b>
1143	No ringing
1144	RS232 ports unavailable
1145	No available space or resource
1146	No port translation for requested port
1147	Message not scheduled
1148	Volume does not exist
1149	No tasks waiting on event
1150	System covering extension not assigned
1151	Call transfer out of AUDIX feature not active
1152	Null primary key illegal
1153	Wrong number of primary keys
1154	Space not previously reserved
1155	Thresholds appear out of order
1156	File system in use — admin shutdown required
1157	Not same record as in file
1158	No such table
1159	No volume
1160	No more entries left in xfile
1161	End of audit
1162	Old password must be entered
1163	No more messages
1164	Invalid command opcode
1165	Unit or device being equipped out of order
1166	More than MAX_NPORTS incoming NET manager files
1167	Warning, overlapping ranges
1168	Invalid password
1169	Port number is out of range
1170	No partial overlaps permitted

**Table: Migration Log File Error Codes**

<b>Code</b>	<b>Description</b>
1171	Invalid procedure ID
1172	Data link read operation failure
1173	Reset returned nonzero status bits
1174	Resume returned nonzero status bits
1175	Field only relevant for local machines
1176	Ring — no answer
1177	Message transmission schedule exceeds 24 hours
1178	Duplicate local or remote extension in use
1179	Use new ext field to change subscriber ext
1180	Request rejected
1181	Slot in use
1182	Use new name field to change subscriber name
1183	Invalid speed value specified
1184	At first message, cannot rewind
1185	Invalid device state transition
1186	Dialed through an announcement
1187	Local subscriber name specified
1188	Master and slave file systems cannot be on same disk
1189	Invalid switch — check system
1190	System error
1191	Value exceeds system limits
1192	System error on system
1193	Covering extension not verified
1194	Total size of mailbox out of range
1195	Table not open
1196	Test failed
1197	Timeout occurred
1198	Timer error

**Table: Migration Log File Error Codes**

<b>Code</b>	<b>Description</b>
1199	Length or value too big
1200	Argument is too long
1201	Too many message waiting ports specified
1202	No room for another table
1203	Two hold delivery requests for same session
1204	Unequipped position
1205	Unknown logical board number
1206	Unknown logical board type
1207	Unoccupied entry in btree table
1208	Filesystem in use
1209	User ID invalid
1210	Voice activity halted by Voice Buffer
1211	Incompatible version
1212	Invalid volume name
1213	Unmatched volume label
1214	Data link write operation failure
1215	Automated attendant group assigned, but no automated attendant extension
1216	Port not available for use
1217	CDR confirmation
1218	CDR exists
1219	Cannot decrease records
1220	Cannot change adjunct mactype
1221	Not a subscriber
1222	No reusable subscriber ID
1223	Name already in use
1224	Not owner of resource
1225	Tone interrupt (VB driver)

**Table: Migration Log File Error Codes**

Code	Description
1226	Halt interrupt (VB driver)
1227	Pause interrupt (VB driver)
1228	Audit found uncorrectable problem
1229	No voice connection exists
1230	Operation failed
1231	Remote subscriber — limit
1232	Remote subscriber — no subscriber ID

## Migration Field Descriptions

The migration program lists field numbers when an error is found. The field numbers correspond to the fields for the Add Subscriber screen. Use the Field Description Error Numbers (page 93) table for more information about migration field descriptions.

**Table: Field Description Error Numbers**

Field	Description
-1	Subscriber not within defined extension range
00	Name
01	COS
02	Locked?
03	Extension
04	Password
05	CA permissions
06	announcement control
07	incoming mbx order
08	outgoing mbx order
09	incoming mailbox category
10	outgoing mailbox category

**Table: Field Description Error Numbers**

<b>Field</b>	<b>Description</b>
11	outgoing mailbox delv/undelv
12	VM message max length
13	CA message max length
14	VM message min needed
15	CA message min needed
16	maximum mailing lists
17	not defined
18	total entries in lists
19	mailbox size
20	minimum guarantee
21	addressing format
22	outgoing mailbox filecab
23	incoming mailbox retention times (new)
24	incoming mailbox retention times (old)
25	incoming mailbox retention times (unopened)
26	not defined
27	not defined
28	Switch Number
29	Misc
30	Covering Extension
31	outcalling
32	hidden left bot pag 1
33	hidden right bot pag 1 - User ID (i.e., Text Svc Machine)
34	Community ID
35	Broadcast Mailbox
36	priority messages
37	broadcast
38	hidden: new subscriber extension

**Table: Field Description Error Numbers**

<b>Field</b>	<b>Description</b>
39	SUBSCRIBER (new)
40	allow call transfer
41	automated attendant information
42	automated attendant information
43	automated attendant information
44	automated attendant information
45	automated attendant information
46	automated attendant information
47	automated attendant information
48	automated attendant information
49	automated attendant information
50	automated attendant information
51	automated attendant information
52	automated attendant information
53	automated attendant information
54	automated attendant information
55	automated attendant information
56	automated attendant information
57	automated attendant information
58	automated attendant information
59	automated attendant information
60	automated attendant information
61	automated attendant information
62	automated attendant information
63	automated attendant information
64	automated attendant information
65	automated attendant information
66	automated attendant information

**Table: Field Description Error Numbers**

<b>Field</b>	<b>Description</b>
67	automated attendant information
68	automated attendant information
69	automated attendant information
70	automated attendant information
71	automated attendant information
72	automated attendant information
73	automated attendant information
74	length of time on initial entry
75	hidden top page 2
76	EOM Warning secs
77	hidden password
78	login announcement
79	MWL flag - display only
80	call answer primary announcement
81	call answer language choice
82	call answer secondary announcement
83	hidden confirm call answer language choice
84	IMAPI permission
85	IMAPI voice files permission
86	FAX Extension
87	FAX Allowed
88	—
89	—
90	TS allow
91	Tandem mailbox
92	Account codes

# Index

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## A

### Audiences

- primary, vii
- secondary, vii

## C

### checklists

- DEFINITY AUDIX migration, 1

### connecting

- external tape drive to Intuity AUDIX (migrations), 22

## D

### DEFINITY AUDIX migration

- checklist, 1

### Document audience, vii

### Document purpose, vii

### drives

- external tape, DEFINITY AUDIX migration, 11

## E

### electrostatic discharge (ESD) protection, xiii

### error code list, migrations, 77

## F

### field descriptions, migration errors, 93

## I

### Intended audiences, vii

## M

### MAP/5P, MAP/5PV3, and MAP/5PV4

- installing SCSI interface circuit card for migrations, 20
- removing SCSI interface card for migrations, 27

### migrations

- busying out switch data link, 8
- connecting external tape drive to Intuity AUDIX, 22
- DEFINITY AUDIX checklist, 1
- field descriptions, 93
- installing the migration software, 9
- log file errors, 77
- releasing switch data link, 33
- removing MAP/5P, MAP/5PV3, and MAP/5PV4 SCSI interface card, 27

removing migration software, 29

## **R**

Resources, related, xv

## **S**

SCSI interface circuit card

installing for migrations to MAP/5P,  
MAP/5PV3, and MAP/5PV4, 20

removing for migrations to MAP/5P,  
MAP/5PV3, and MAP/5PV4, 27

software

migration, installing, 9

migration, removing, 29

## **T**

tape drive

connecting external, DEFINITY AUDIX  
migration, 11

terminal types

DEFINITY AUDIX migration, 6