Intuity™ Messaging Solutions

Release 5.1

Migration Procedures

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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 may be 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.

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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 – a 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
- Shared information between you and your peers
- 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.

Avaya Inc. does not warrant that this product or any of its networked equipment is either immune from or will prevent either unauthorized or malicious intrusions. Avaya Inc. will not be responsible for any charges, losses, or damages that result from such intrusions.

Federal Communications Commission Statement

Part 15: Class A Statement. This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio-frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his/her own expense.
Part 68: Network Registration Number. This equipment is registered with the FCC in accordance with Part 68 of the FCC Rules. It is identified by FCC registration number AS593M-13283-MF-E. Refer to "Federal Communications Commission Statement" in "About This Book" for more information regarding Part 68.

Canadian Department of Communications (DOC) Interference Information

This digital apparatus does not exceed the Class A limits for radio noise emissions set out in the radio interference regulations of the Canadian Department of Communications.
Le Présent Appareil Nomérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la class A préscrites dans le reglement sur le brouillage radioélectrique édicté par le ministére des Communications du Canada.

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Issue 2, January 2001

For additional documents, refer to the section in "About This Book" entitled "Related Documents."
You can be placed on a standing order list for this and other documents you may need. Standing order will enable you to automatically receive updated versions of individual documents or document sets, billed to account information that you provide. 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.

European Union Declaration of Conformity

The "CE" mark affixed to the DEFINITY ONE equipment described in this book indicates that the equipment conforms to the following European Union (EU) Directives:

- Electromagnetic Compatibility (89/336/EEC**)**
- Low Voltage (73/23/EEC)
- Telecommunications Terminal Equipment (TTE) i-CTR3 BRI and i-CTR4 PRI

The "CE" mark affixed to the equipment means that it conforms to the above directives.

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

Comments

Please send an email message to infodev@avaya.com with your comments about this document.

Contents

About This Book ix

Purpose ix
Intended Audiences ix
Release History x
How to Use This Book x
Conventions Used in This Book xi
Terminology xi
Keyboard and Telephone Keypad Representations xii
Screen Displays xiii
Data Entry Conventions xiv
Safety and Security Alert Labels xiv
Protecting against Damage from Electrostatic Discharge xv
Trademarks and Service Marks xvi
Related Resources xvii
Documentation xvii
Training xvii
Technical Assistance xvii
Using the Documentation CD-ROM xviii
How to Comment on This Book xix

Migrating from AUDIX R1 V8 1

Migration Checklist 2
Gathering the Materials and Information Needed 3
Assemble the Intuity AUDIX System 3
Apply Power to the MAP System 3
Recording the AUDIX R1 Profile Information 4

Preadministering the Intuity AUDIX System 7
Installing the Migration Software 27
Setting up the Migration Parameters 33
Preparing the Modem Connection 36
Using a Faster Modem. 36
Testing the Modem Connection. 37
Setting Up Network Machine Data 38
Running the Data Transfer. 39
Checking the Log File 42
Printing the Log File 44
Verifying the Data Transfer 45
Updating the Switch Administration 46
Cabling Both Systems 47
Readministering the AUDIX R1 System. 59
Confirming the Intuity AUDIX Configuration 60
Removing the Migration Software. 61
Setting Up Digital Networking 62
Completing the Migration 63

Migrating from DEFINITY AUDIX 73
Migration Checklist 74
Gathering Materials and Information. 75
Assembling the Intuity AUDIX System 76
Apply Power to the Intuity AUDIX System 76
Recording the DEFINITY AUDIX Profile Information 77
Running the File System Check. 79
X-Porting the Switch Voice Ports 80
Busying Out the Switch Data Link 80
Busying Out the Data Link on a System 75 G1 or G3 Switch 80
Busying Out the Data Link on a G2 Switch 81
Removing the DEFINITY AUDIX Voice Ports. 81
Installing the Migration Software 87
Connecting the External Tape Drive 93
Connecting Release 3.1 or 3.2. 93
Connecting Release 4.0 95
Backing Up the DEFINITY AUDIX Data. 99
Preadministering the Intuity AUDIX Extension Lengths 107

Connecting the Tape Drive and Transferring the Data 109
MAP/5P Responses 111
MAP/40P or MAP/100P Responses 112
Connecting the External Tape Drive 113
Completing the Data Transfer 113
Verifying the Data Transfer 115
Checking Class of Service Numbers 115
Checking Subscriber Extensions 116
Remote Subscribers 116
Number of Local and Remote Subscribers 117
Machine Names and Voice IDs 117
Address Ranges 118
Removing the SCSI Interface Card 134
Removing the Migration Software 136
Cabling the Intuity AUDIX System 137
Using a BX.25 Connection 137
Administering for the Switch 139
Readministering the Voice Port Information 139
Confirming the Switch Link Information 140
Releasing the Switch Data Link 140
Releasing the Data Link on a System 75 G1 or G3 Switch 140
Releasing the Data Link on a G2 Switch 141
Completing Additional Installation Tasks 141

Migrating from AUDIX Voice Power to Avaya Intuity AUDIX 147
Migration Checklist 148
Gathering Materials and Information 149
Verifying with the Customer 149
Recording the AUDIX Voice Power Profile 150
Displaying the AUDIX Voice Power Release Number 151
Displaying the Maximum Extension Length 151
Displaying the Subscriber Name Format 152
Installing the Migration Software 154
Installing the Switch Integration Circuit Card 160
Administering the Avaya Intuity Voice Ports 161
Backing Up the AUDIX Voice Power Data 161
Using the Backup Software 162
Backing Up from the Command Line 164

Preadministering the Avaya Intuity System 165
Preadministering the Extension Length 165
Preadministering the Range of Extensions 166
Preadministering Outcalling 166
Running the Data Transfer 167
Checking the Log File 170
Verifying the Data Transfer 172
Checking the List of Subscribers 172
Checking Class of Service Numbers 173
Checking Subscriber Extensions 173
Removing the Migration Software 188
Administering the Automated Attendants 189
Administering for the Switch 190
Migrating from MERLIN LEGEND AUDIX Voice Power (IS II or IS III) . 191
Migration Checklist 192
Gathering Materials and Information 193
Verifying with the Customer 193
Recording the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) Profile Information . 194
Displaying the Installed Applications Screen 195
Displaying the System Parameter Administration Screen 196
Displaying the Subscriber Administration Screen 196
Installing the Migration Software 198
Creating a Temporary Avaya Intuity Calling Group 204
Creating an Avaya Intuity Test Coverage Group 204
Assigning the Temporary Calling Group to the Test Coverage Group 205
Cabling the Avaya Intuity Voice Ports 205
Preadministering the Avaya Intuity System 206
Preadministering the Extension Length 206
Preadministering the Range of Extensions 207
Preadministering Outcalling 207
Preadministering the Transfer Type and Covering Extension 208
Backing Up the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) Data 213
Using the Backup Software 214
Backing Up from the Command Line 216
Running the Data Transfer 216
Checking the Log File 219
Printing the Log File 220

Verifying the Transfer of Data . . . 221
Checking the List of Subscribers . . . 222
Checking Class of Service Numbers . . . 222
Checking Subscriber Extensions . . . 223
Removing the Migration Software . . . 231
Administering the Automated Attendants . . . 232
Moving the Voice Port Cabling . . . 233

Migrating from AUDIX Voice Power Lodging . . . 235
Migration Checklist . . . 235
Gathering Materials and Information Needed . . . 236
Installing the Lodging Feature . . . 236
Formatting Diskettes . . . 237
Copying the CPIO Utility . . . 238
Creating a Migration Software Diskette . . . 238
Backing Up AUDIX Voice Power Lodging Data . . . 240
Running the Migration . . . 245
Checking the Error File . . . 248
Administering the Switch . . . 249
AUDIX Voice Power Lodging R1.1 with Co-resident System . . . 250
AUDIX Voice Power Lodging R3.0 with a Co-resident System . . . 252
AUDIX Voice Power Lodging R3.0 with ICSS Low End Voice Mail Software . . . 254
AUDIX Voice Power Lodging R1.1 Only . . . 256
AUDIX Voice Power Lodging R3.0 Only . . . 257
Removing the Migration Software . . . 261

Migration Log File Error Codes . . . 263
Migration Field Descriptions . . . 279

Index . . . IN-1

About This Book

Purpose

This book, *Intuity™ Messaging Solutions Release 5.1 Migration Procedures*, 585-313-118, Issue 3, contains instructions for installing an Avaya Intuity voice messaging system and moving from one of the following systems:

- AUDIX® R1
- DEFINITY® AUDIX
- AUDIX Voice Power™
- AUDIX Voice Power on MERLIN LEGEND® (IS II or IS III)
- AUDIX Voice Power Lodging

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—Sales and Technical Resource Center (STRC)

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

- That they have completed the Avaya Intuity 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 documentation CD-ROM.

See Related Resources (page xvii) for more information.

Release History

This is the third issue of this book for Intuity Messaging Solutions Release 5.1.

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 5.1 Documentation CD-ROM 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 (page xviii).

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

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 Avaya Intuity 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 Avaya Intuity Screen with a Command Line on page xii). 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 Avaya Intuity Screen with a Command Line on page xii). “Menus” (Figure Example of a Avaya Intuity Screen with a Command Line on page xii) present options from which you can choose to view another menu, or a screen or window.

Figure 1. Example of a Avaya Intuity Window

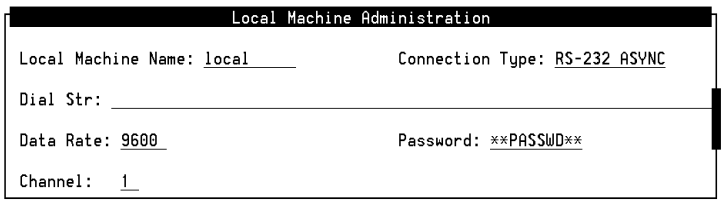


Figure 2. Example of a Avaya Intuity Screen with a Command Line

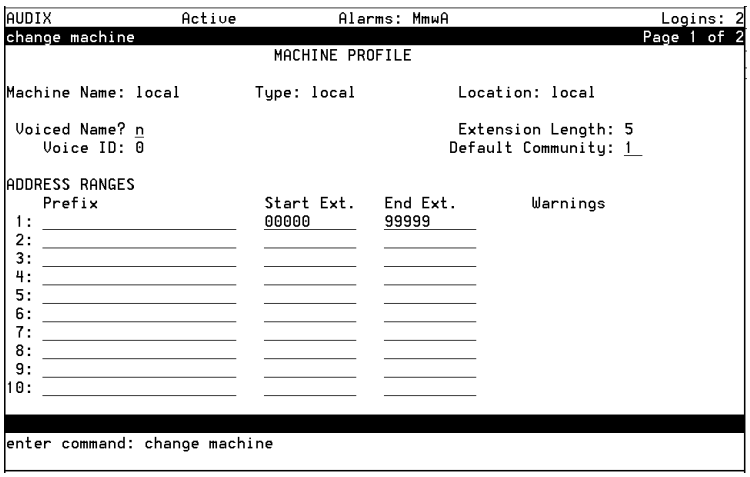
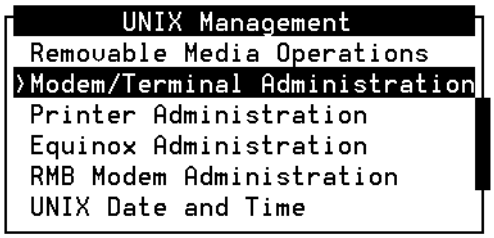


Figure 3. Example of a Avaya Intuity Menu



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

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 xx).

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 xxi).

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.

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- VB-PC is a trademark of Voice Technologies Group, Inc.
- VT100 is a trademark of Digital Equipment Corporation.

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 this procedures book along with the following documentation resources on the *Intuity Messaging Solutions Release 5.1 Documentation for Technicians CD-ROM*, 585-313-807, Issue 2.

- For a description of the preparation required for a migration, see Planning an Migration.
- For initial switch administration procedures, see Installation Checklist and then select your switch from the list.

For more information on how to follow these cross-references to the CD-ROM, see **H1 USING THE DOCUMENTATION CDROM**.

This link or book:

- Installation for New Systems
- Intuity Messaging Solutions Getting Connected, 585-313-703, Comcode 108344839

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

Training

For more information on training on Avaya Intuity Messaging Solutions Release 5.1 and other Avaya products, visit the Avaya Inc. training web site at http://au.avaya.com/.

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 5.1 CD-ROM documentation 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 Intuity Messaging Solutions Release 5.1 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.

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- Mail

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Intuity Messaging Solutions Release 5.1 Migration Procedures, 585-313-118, Issue 3

Figure: How to Hold a Small Circuit Card

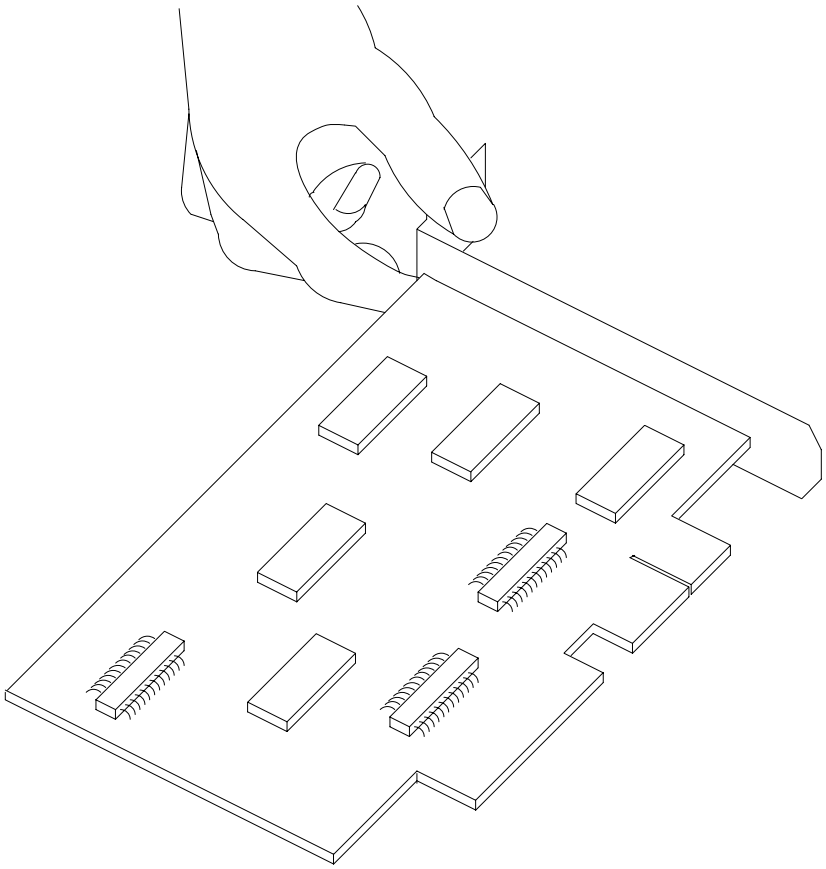
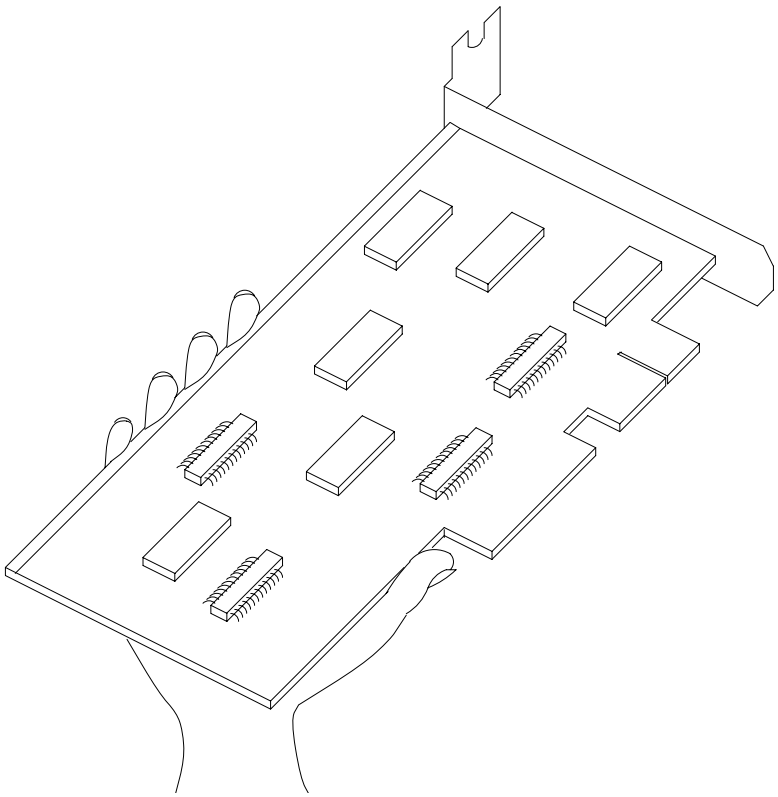


Figure: How to Hold a Large Circuit Card



Migrating from AUDIX R1 V8

This section describes migrating from an AUDIX R1 V8 system to an Intuity AUDIX system. The new Intuity AUDIX system provides service for all new messages; however, this procedure includes allowing subscribers to retrieve their old messages from the AUDIX R1 for some time after the migration.

Follow these procedures in the given sequence to minimize the time the customer is without voice messaging service. This sequence of tasks also assumes the customer wants to:

- Minimize the purchase of additional voice ports
- Leave the AUDIX R1 mailboxes available for a short period of time after the migration

The tasks are grouped into these general areas:

- Preparing for the Data Transfer (page 2)
- Transferring the Data (page 2)
- Completing the Migration (page 2)

Migration Checklist

To migrate from an AUDIX R1 V8 system to the Intuity AUDIX system:

	Task
Preparing for the Data Transfer	1. Gathering the Materials and Information Needed (page 3).
	2. Assemble the Intuity AUDIX system. For more information, select your MAP under Assembling the System.
	3. Restore power to the Intuity AUDIX system.
	4. Recording the AUDIX R1 Profile Information (page 4).
	5. Preadministering the Intuity AUDIX System (page 7).
	6. Installing the Migration Software (page 27).
Transferring the Data	7. Setting up the Migration Parameters (page 33).
	8. Preparing the Modem Connection (page 36).
	9. Setting Up Network Machine Data (page 38).
	10. Running the Data Transfer (page 39).
	11. Checking the Log File (page 42).
	12. Verifying the Data Transfer (page 45).
Completing the Migration	13. Updating the Switch Administration (page 46).
	14. Cabling Both Systems (page 47).
	15. Readministering the AUDIX R1 System (page 59).
	16. Confirming the Intuity AUDIX Configuration (page 60).
	17. Removing the Migration Software (page 61).
	18. Setting Up Digital Networking (page 62).
	19. Completing the Migration (page 63).

Gathering the Materials and Information Needed

Gather the following materials and information before starting the migration procedures:

- Customer-supplied local and network passwords

  Note:
  If the passwords are not known, the passwords for the entire network must be changed. Contact the Remote Support Center.

- Customer-supplied machine type
- The latest Intuity AUDIX software CD-ROM
- Migration checklist
- A modem connected to the AUDIX R1 system using the maintenance port
- A modem or remote maintenance circuit card connected to the Intuity AUDIX system at COM port 2
- The following documentation resources:
  - This Avaya Intuity AUDIX documentation CD-ROM
  - The installation book for the customer's switch

Assemble 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, select your system under Assembling the System.

Press PAGE DOWN through every page in the file you select.

Apply Power to the MAP System

Start the MAP system to check that it is operating correctly. For more information, select your system under Restoring power.

Recording the AUDIX R1 Profile Information

The Required Profile Information (page 6) table lists the information you need from the AUDIX R1 system prior to beginning the migration. You can transfer this information directly to the new machine or record it and enter the information later.

There are three ways to enter the preadministration information:

- Use the Required Profile Information (page 6) table for the command to display the AUDIX R1 screen, then type the information into the Intuity AUDIX directly.

  This is used when the AUDIX R1 and Intuity AUDIX machines are physically located near each other. This is done the day of the migration.

- Print the Required Profile Information (page 6) table, use the commands to display the AUDIX R1 screen, and then write the AUDIX R1 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 AUDIX R1. It can be done before the day of the migration.

- Follow the steps in Connecting a Printer (page 4) to the AUDIX R1, use the Required Profile Information (page 6) table for the command to display the AUDIX R1 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 AUDIX R1. It can be done before the day of the migration.

Connecting a Printer

To connect a printer to the AUDIX R1 machine:

1. Connect a printer to the AUDIX R1 terminal and set to online.
2. Log in to the AUDIX R1 machine using craft. Enter the terminal type as follows:

   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

Note:
Print the screens using the method that corresponds to the above terminal types.

- 4410, 4425, or 610 terminals:

  1. Press CONTROL+F4 to display the screen-labeled print keys.
  2. Press F3 to print the screen.
  3. Press CONTROL+F6 to return the screen-labeled keys to their original state.

- 715 terminal:

  1. Press PRINT+SCRN to print the screen.

- 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 to print the screen.
  4. Press F10 and F5 to return the screen-labeled keys to their original state.

Use this table to determine the screen and command for which you need to collect AUDIX R1 information. Enter each AUDIX R1 command at the command line, plus any command keys that are listed.

Table: Required Profile Information

Screen	Command	Information Needed	Information:
System: Appearance	**sy ap**	▪ Minimum password length ▪ Name recorded by subscriber on or off? y/n ▪ Multiple personal greetings on or off? y/n ▪ Call transfer out of AUDIX on or off? y/n ▪ Enhanced call transfer on or off? y/n	
System:Outcalling	**sy out**	Outcalling on or off? y/n	
Traffic:Feature:Day	**tr fe d**	Number of remote subscribers	
List:Machine	**li m**, then F8 (Enter)	Networked machine names and voice IDs **Note:** Continue to press F8 (Enter) to display all machines.	
List:COS	**l c**	Exact spelling of each Class of Service name, 0 through 11	
System: Translation: Switch Connection	**sy tr sw**	Type of connection. This screen may be different than the example if a non-DEFINITY switch is used.	
System: Translation: Machine: Audix	**sy tr m au**, then F8 (Enter)	Network machine configurations. Use only the first populated screen, which is for the local machine. Check for AMIS networked machines and their configurations.	

For an example of these AUDIX R1 screens, see:

- System:Translation:Switch Connection screen
- System:Translation:Machine:AUDIX_screen

Preadministering the Intuity AUDIX System

To set up the Intuity AUDIX system before transferring data:

1. Preadminister the Intuity AUDIX system for integration with the switch, including the switch interface and channels.

   Note:
   Do not assign voice ports to a hunt group before completing Cabling Both Systems.

2. If networking is to be turned on, administer the switch for networking.

   For more information, see:

   - Digital Networking Initial Administration Tasks and complete the tasks in the table as necessary.
   - AMIS Analog Networking, then select Chapter 5, Intuity System AMIS Administration and follow the procedures in the chapter.

3. Confirm that you have the information from the AUDIX R1 screens.
4. Log in to the Intuity AUDIX system using **craft**.

The next set of steps lists the commands used to confirm that the Intuity AUDIX system is preadministered to match the AUDIX R1 system. In this section, you will check for:

- Feature set
- Same switch type

  Note:
  For the migration, the switch types must be the same. If the Intuity AUDIX is going to be changed to a different switch type, change the switch type during the Administer the Switch procedure.

- Extension length
- A number that exceeds by 25% the number of local subscribers and administered remote subscribers
- Range of extensions
- Outcalling
- Classes of service

To preadminister the Intuity AUDIX system for the data migration:

1. Start at the Avaya Intuity main menu and select:

   ```
   Feature Options
   ```

   The system displays the Feature Options Window (page 21).

2. Confirm that the Intuity AUDIX system has at least the same number of hours-of-speech and number of ports activated.

3. Confirm also that the features that are activated on the Intuity AUDIX system match what was ordered.

4. Press F7 (Switch Select).

   The system displays the Switch Selection screen.

5. Verify that the information in the `Country:` and `Switch:` fields match the AUDIX R1.

   If the fields:

   - Match, go to Step 6.
   - Do not match, contact your remote support center and request that these fields be corrected.

6. Press F6 (Cancel), then F6 (Cancel) again.

7. Select:

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

   The system displays the DCIU Interface Administration screen.

8. Compare the `Switch Link Type:` field to the AUDIX R1, System: Translation: Switch Connection screen, `Connection Type` field.

   If the fields:

   - Match, go to Step 9.
   - Do not match:
     - Reload the switch integration software. Select your switch from the from the Software Installation menu.
     - After the voice system has started, go back to Step 1.

9. Compare the `Extension Length:` field to the AUDIX R1, System: Translation: Machine:AUDIX screen, `ext length` field.

   If the extension lengths:

   - Match, go to Step 10.
   - Do not match, enter the correct number in the `Extension Length:` field.

10. Compare the `Host Switch Number:` and `AUDIX Number:` fields to the AUDIX R1, System:Translation:Switch Connection screen, `host switch` and `AUDIX` fields.

    If the numbers:

    - Match, go to Step 11.
    - Do not match, move to the `Host Switch Number:`, then `AUDIX Number:` fields and enter the correct numbers.

11. Under `AUDIX Port:`, for any switch containing data (that is, for any switches whose fields do not contain zeros), enter the logical channel and switch port values from the AUDIX R1, System:Translation:Switch Connection screen.

    If the numbers:

    - Match, go to Step 12.
    - Do not match, move to the `Logical Channel` field. Change the `Logical Channel` and `Switch Port` fields to the correct numbers.

12. If any entries were changed on this screen, press F3 (Save).

13. Press F6 (Cancel), then F6 (Cancel) again to return to the Avaya Intuity main menu.

14. Select this option:

    `AUDIX Administration`

    The system displays the AUDIX Command Prompt screen.

15. Enter **list measurements feature day**

    The system displays the Feature Daily Traffic Screen (page 24).

16. Determine whether the number of remote subscribers on the Intuity AUDIX are at least 25% greater than on the AUDIX R1, then do the following:

    - If the number is correct, press F1 (Cancel), then continue with Step 17.
    - If the number is incorrect, then follow these steps:

      (1) Press F1 (Cancel), then enter **change system-parameters limits**

      The system displays the System-Parameters Limits Screen (page 25).

      (2) Press the TAB key until the cursor is in the Administered Remote: field and enter a number that is at least 25% greater than the number of remote subscribers on the AUDIX R1.

      (3) Press F3 (Enter) and then continue with Step 17.

17. Enter **change machine**

    The system displays the Machine Profile Screen (page 26).

18. Compare the ranges of extensions on the AUDIX R1 system to the ranges on this screen.

    If the ranges:

    - Match, go to Step 19.
    - Do not match, move to the `Prefix`, then `Start Ext.`, then `End Ext.` fields and enter the correct numbers.

19. Press F1 (Cancel) to clear the AUDIX Command Prompt screen.

20. Enter **change system-parameter outcalling**

    The system displays the System-Parameters Outcalling screen.

21. Compare the Intuity AUDIX `Outcalling Active?` field to the `outcalling active (y/n)?` field on the AUDIX R1System:Outcalling screen.

    If the fields:

    - Match, go to Step 22.
    - Do not match, enter the correct character in the `Outcalling Active?` field.

22. Press F1 (Cancel) to clear the AUDIX Command Prompt screen.

23. Enter **change COS #** where # is the class of service number, 0 through 11.

    The system displays the Class of Service screen.

24. Change the contents of the Name: field to match the same COS name as on the AUDIX R1.

25. Press F3 (Enter) to save the entry.

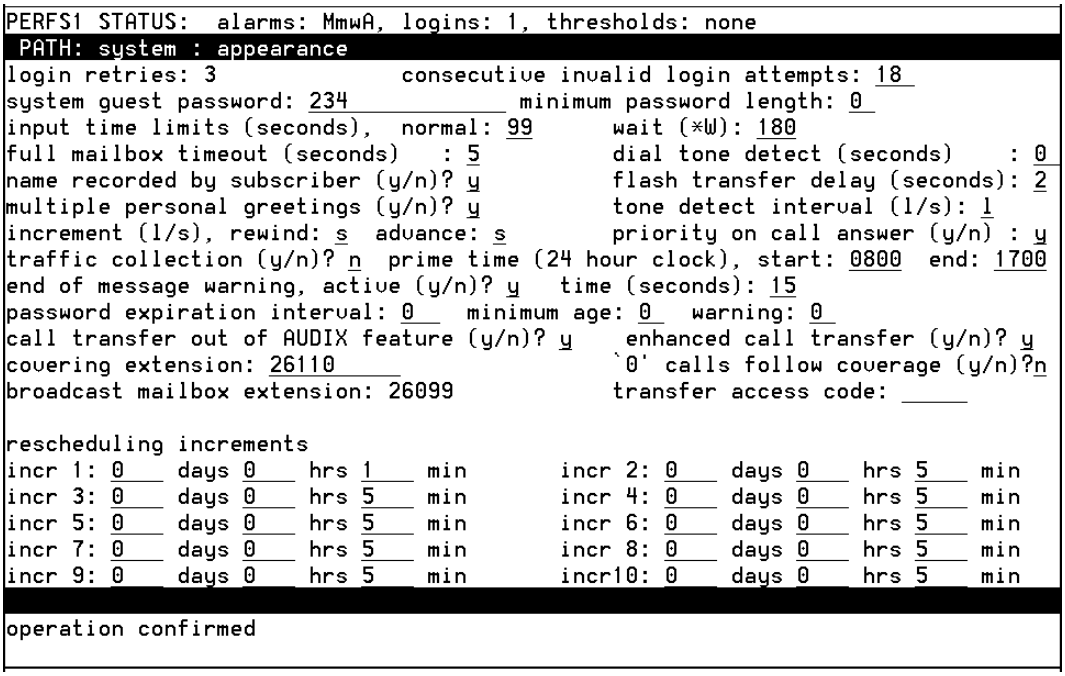
26. Return to Step 23 and substitute the next COS name. Continue until all COS names match those on the AUDIX R1.

27. Enter **cust** for one of the Intuity AUDIX COS names that is unused on the AUDIX R1.

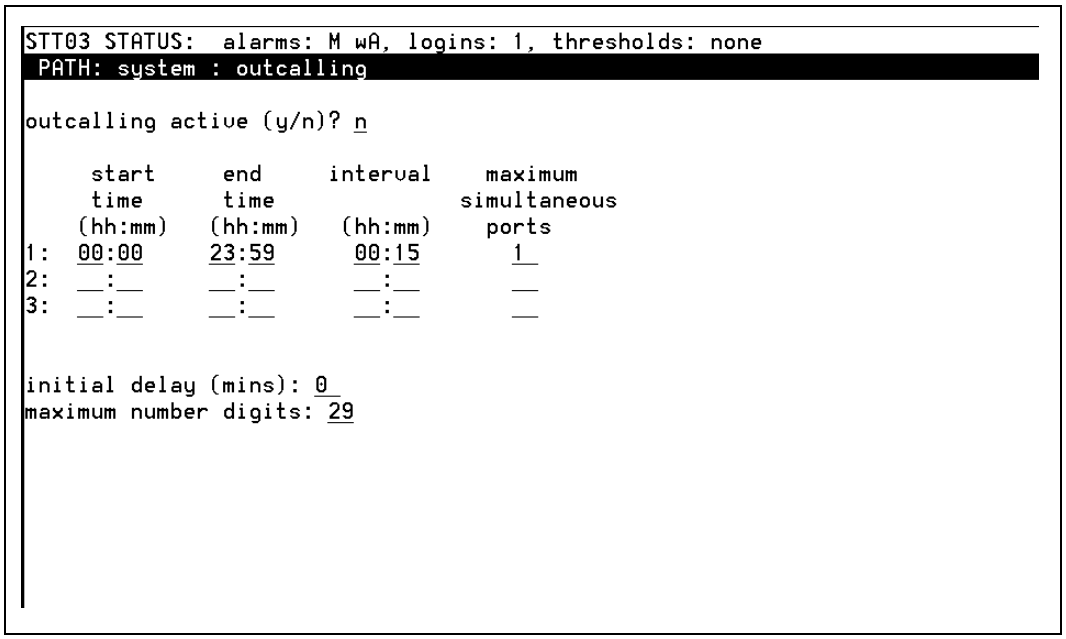
28. Press F1 (Cancel), then enter **exit** to return to the Avaya Intuity main menu.

29. Return to the procedures checklist.

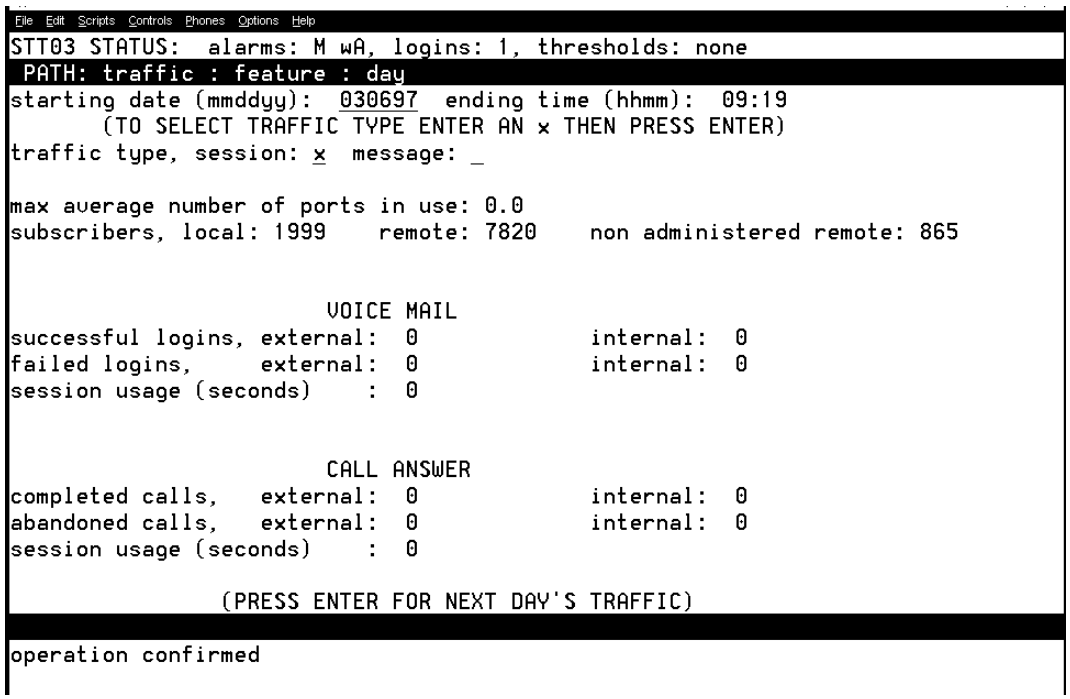
AUDIX R1 System : Appearance Screen



AUDIX R1 System : Outcalling Screen



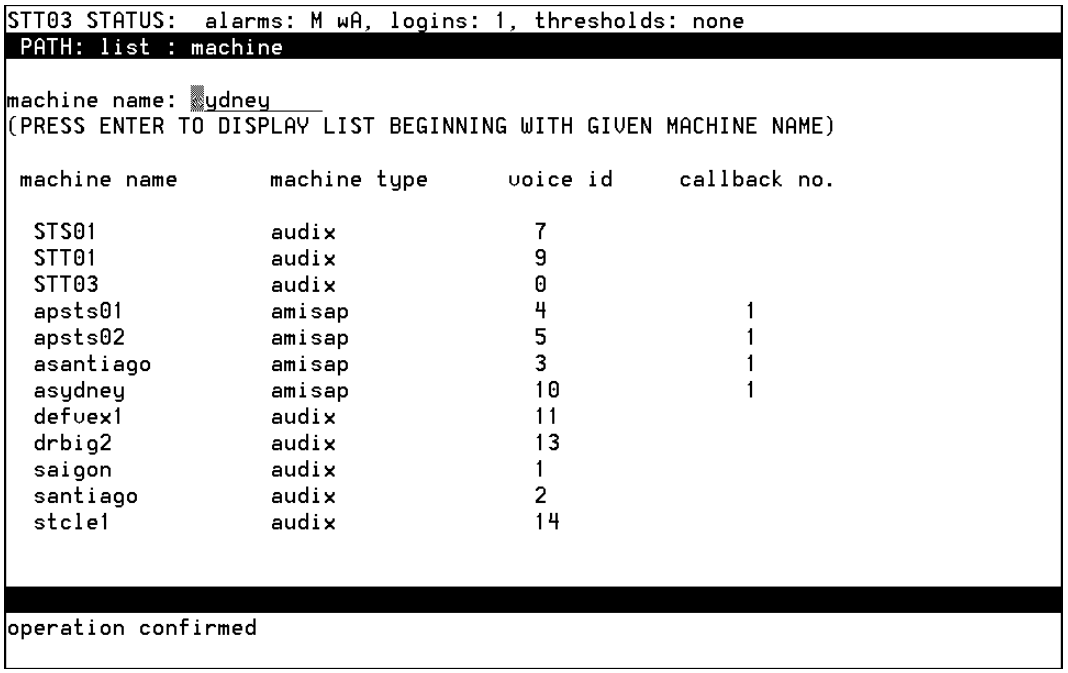
AUDIX R1 Traffic : Feature : Day Screen



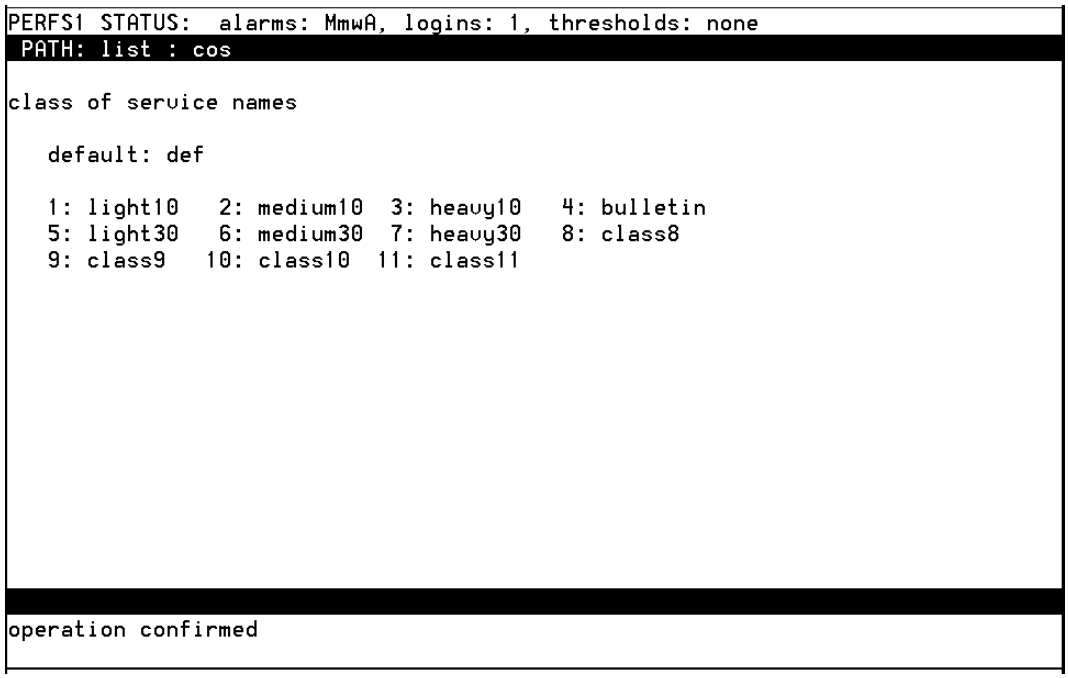
AUDIX R1 Maintenance : System : Vintage screen

```
PERFS1 STATUS:  alarms: MmwA, logins: 1, thresholds: none
 PATH: maintenance : system : vintage
VSF                     VSF                     VSF
BOARD       VINTAGE     BOARD       VINTAGE     BOARD       VINTAGE

TN591       1           TN501B      9
TN761       2           TN501B      10
                        TN501B      10
                        TN501B      10
TN716B      1           TN501B      10
                        TN501B      10
TN511       3           TN501B      10
UN160B      5           TN501B      10
UN162       3                                   TN714       10
TN533       7           TN500       10          TN747B      3
                                                VPT 2       0
                        TN520       15          VPT 3       NA
TN727       12

software version: R1V8 SMALL 8:2-8.2.11
field update number: none
USE ENTER TO PAGE _

operation confirmed
```

AUDIX R1 List : Machine screen



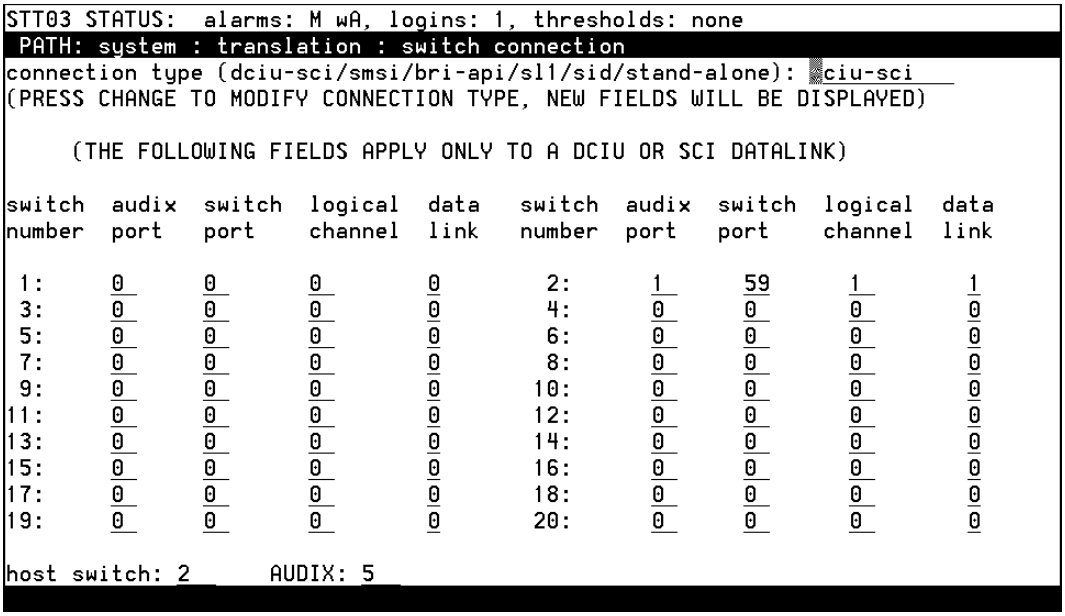
AUDIX R1 List : COS screen



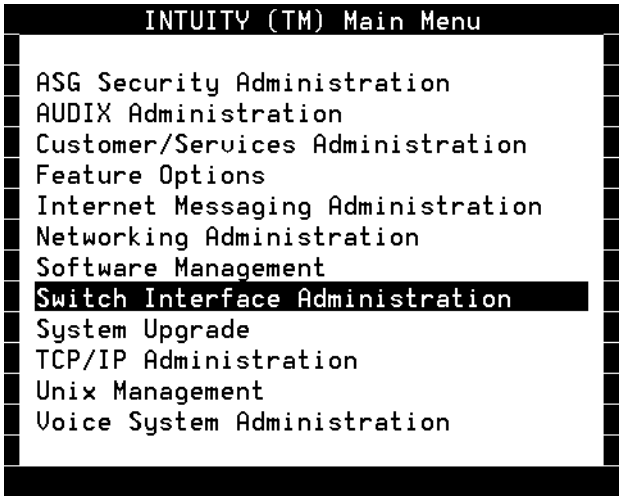
AUDIX R1 System: Translation: Machine: AUDIX Screen

```
PERFS1 STATUS:  alarms: MmwA, logins: 1, thresholds: none
 PATH: system : translation : machine : audix/amis/call delivery
machine name: __________ local/remote:    password: __________ ext length: __
voiced name (y/n)? _  voice id:         AMIS callback no.: _ (1, 2, 3, 4, or 5)
default community: __  connection type: ______  data rate: _____  channel: _
 dial string: ____________________________________________________________
address ranges (prefix       start       /  end extension)    warnings
1:  ____________________    __________  /  __________
2:  ____________________    __________  /  __________
3:  ____________________    __________  /  __________
4:  ____________________    __________  /  __________
5:  ____________________    __________  /  __________
6:  ____________________    __________  /  __________
7:  ____________________    __________  /  __________
8:  ____________________    __________  /  __________
9:  ____________________    __________  /  __________
10: ____________________    __________  /  __________
message transmission schedule   (hh:mm)
1. start: __ : __  end: __ : __  interval: __ : __  updates (y/n)?  in _  out _
2. start: __ : __  end: __ : __  interval: __ : __  network turnaround (y/n)? _
3. start: __ : __  end: __ : __  interval: __ : __  log connect events (y/n)? _
new machine name: _____________  send to non-administered recipients (y/n)? _
```

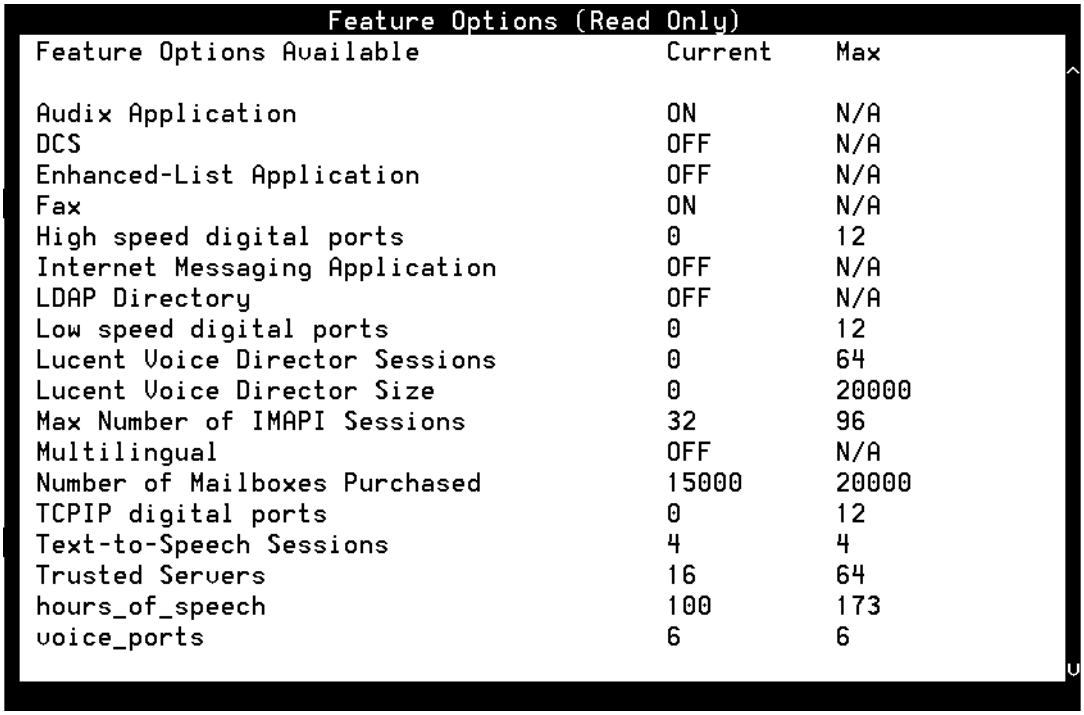
AUDIX R1 System: Translation: Switch Connection screen



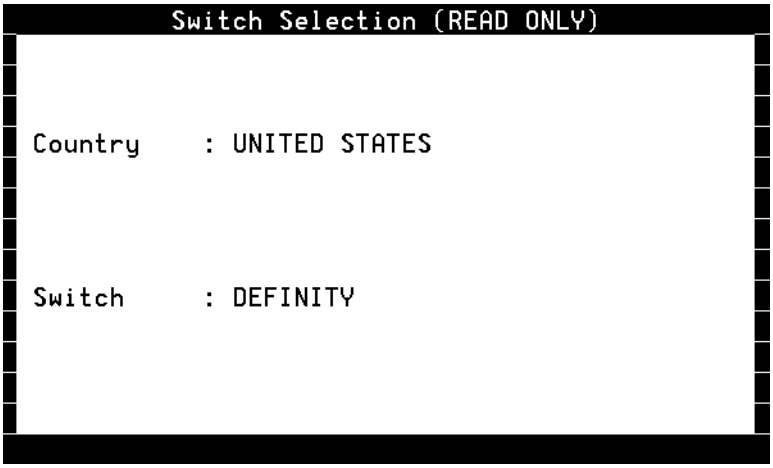
Intuity Main Menu



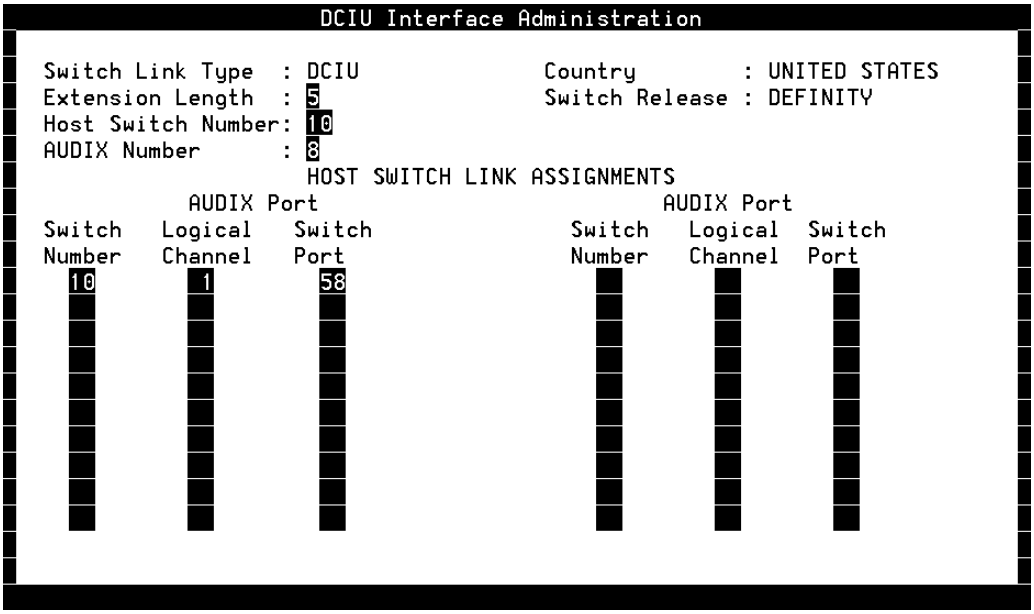
Feature Options Window



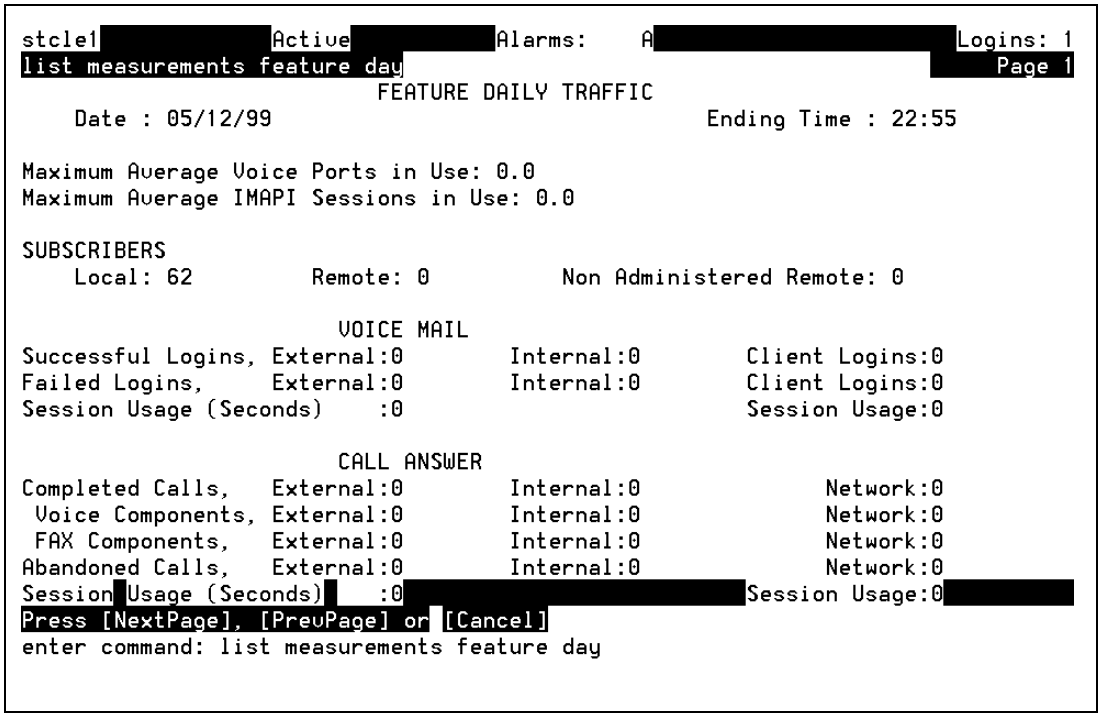
Switch Selection Screen



DCIU Interface Administration Screen



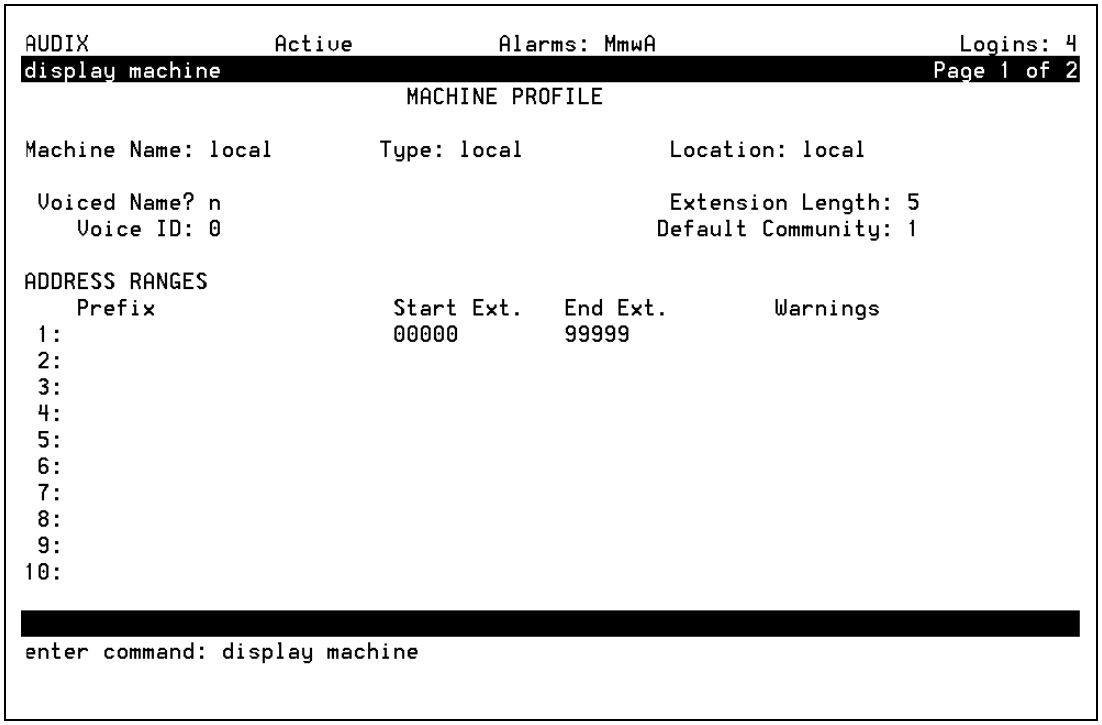
Feature Daily Traffic Screen



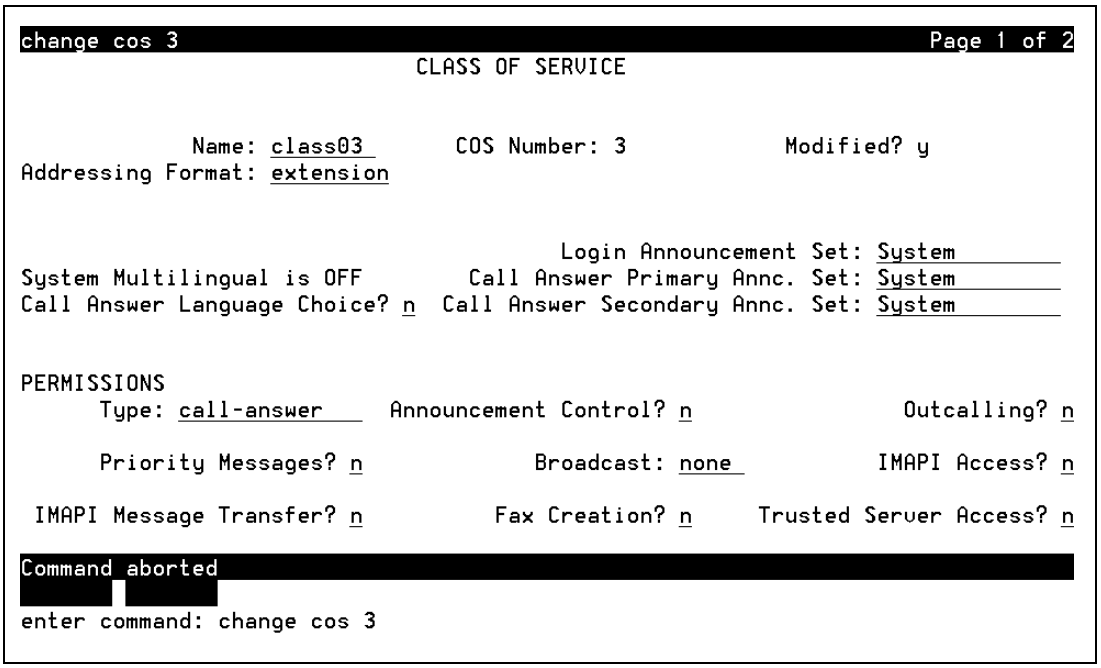
System-Parameters Limits Screen

```
change system-parameters limits                                 Page 1 of 1

                          SYSTEM-PARAMETERS LIMITS

MESSAGE LIMITS
Message Lengths, Maximum  (seconds): 1200   Minimum  (tenths of seconds): 10
  Messages,  Total In All Mailboxes: 50000            Awaiting Delivery: 5000


ADMINISTRATION LIMITS
  Subscribers,  Local: 15000    Administered Remote: 1000
Lists,  Total Entries: 50000      Lists/Subscriber: 100   Recipients/List: 250









enter command: change system-parameters limits
```

Machine Profile Screen



Class of Service screen



Installing the Migration Software

To load migration software onto the Avaya Intuity system:

1. Log on to the system using the *craft* login.
2. Insert the most recent Intuity AUDIX R5 software CD-ROM in the Avaya Intuity system's CD-ROM drive.
3. Start at the Avaya Intuity Main Menu (page 30) and select:

   ```
   Software Management
     Software Installation
       CD
   ```

   The system displays the Software Install Screen, Page 1 (page 32).

   Note:
   If you did not complete the backup, the system displays the Backup Warning Screen (page 31).

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 33).

   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.

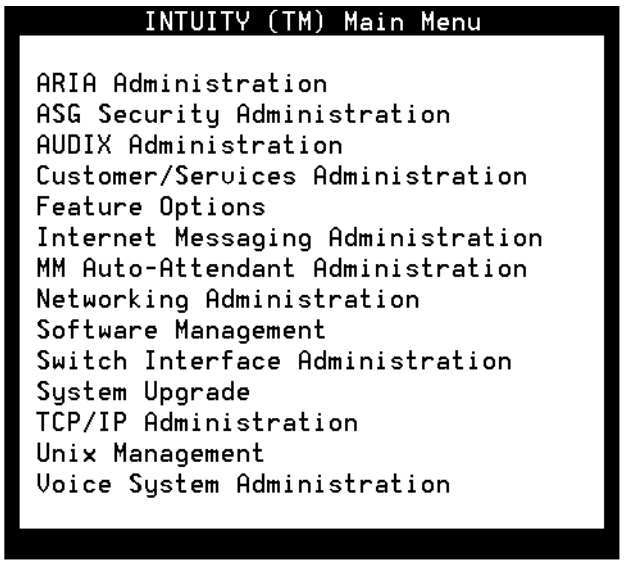
12. Remove the Intuity AUDIX R5 software CD-ROM from the CD-ROM drive.

13. When the system has restarted, log in to the Avaya Intuity system using *craft*.

    Note:
    The system will not display the Migration menu option on the Avaya 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.

Avaya 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
```

Setting up the Migration Parameters

Set up the migration parameters for the system to:

- Dial up and log in to the AUDIX R1 system
- Identify the version of the AUDIX R1 system
- Identify the subscriber data

To set up the migration parameters:

1. From the Avaya Intuity main menu, select:

   `Migrations`

   The system displays the Migrations menu.

2. Enter **1**

   The system displays the following message:

   ```
   Migrating to Intuity AUDIX R5.0
   Press enter to continue....
   ```

3. Press ENTER.

   The system displays the AUDIX R1 Migration Using ADAP Menu.

4. Enter **1**

   The system displays a series of Data Entry Prompts.

   Note:
   To exit the Set Up Parameters prompts at any time during this data entry procedure, press DELETE. You will return to the R1 Migration Using ADAP menu.

5. Enter data for each prompt as follows. The default values (or the most recent values if you are restarting the transfer) appear in brackets `[]`. If you want to use a value appearing in brackets, press ENTER at the prompt:

   - `R1 modem extension () [  ]:`

     Enter the remote access number of the AUDIX R1 system. Precede any number external to the local switch with the digit **9** or any other administered dial-out code.

   - `baud rate (1200  4800) [  ]:`

     Enter **1200**, the baud of the AUDIX R1 modem.

     Note:
     If the AUDIX R1 is equipped with a 4800-baud modem, enter **4800**. See Using a Faster Modem (page 36) for more information.

   - `login () [  ]:`

     Enter the AUDIX R1 craft login.

   - `password () [  ]:`

     Enter the AUDIX R1 password for the craft login.

   - `please re-enter password`
     `password ()  [   ]:`

     Re-enter the password for the craft login.

   - `software release (r1v5 r1v6 r1v7 r1v8) [ ]:`

     Enter **R1V8**

- `default subscriber password () [  ]:`

  Enter the default password that subscribers on the Intuity AUDIX system should first use to log in to the system.

  CAUTION:
  Use a default password of "1". Entering a blank or other schemes will most likely fail. The password 1 is shorter than the standard password, so subscribers are forced to change their password at their first login. This password also meets security guidelines.

- `Please re-enter password`
  `default subscriber password () [  ]:`

  Enter the default password again.

- `beginning local subscriber () [ 0 ]:`

  Enter the lowest extension number in your dialing plan. With a 5-digit dialing plan, **00000** is the lowest extension you can enter.

- `ending local subscriber (0 means no subscribers) ()`
  `[ 9999999999 ]:`

  Enter the highest extension number in your dialing plan. With a 5-digit dialing plan, **99999** is the highest extension you can enter.

- `AMIS remote subscribers (y n) [ y ]:`

  Enter **y** if the AUDIX R1 system has AMIS subscribers who are transferring. If there are no AMIS subscribers, enter **n**

- `Are these values correct (y n) [ n ]:`

  Enter **y** if the values are correct. If any of these values are incorrect, enter **n** and then enter the correct values.

6. Press ENTER to return to the AUDIX R1 Migration Using ADAP Menu.

Preparing the Modem Connection

This section checks the speed of the modem and tests the modem connection used to transfer data between machines.

Using a Faster Modem

This section provides a shortcut for use with newer AUDIX R1 systems that were shipped with a 4800-baud modem. The model numbers for these modems are the Paradyne Comsphere 3820 and the Paradyne DM424 models. These faster modems can reduce the time required for the data transfer to one-fourth of that required for a 1200-baud modem. If the system does not have a 4800 baud modem, go to Testing the Modem Connection (page 37).

The procedure uses the monitor to reset the transmission speed to 4800 baud. To set the transmission speed to 4800 baud:

1. Trace the monitor cable to the back of the AUDIX R1 system. The monitor cable should be connected to a port labeled Admin.
2. Locate the Maint port next to the Admin port.
3. Disconnect the cable from the Maint port and replace it with the monitor cable.
4. On the console keyboard, press CONTROL-BREAK until the following text displays:

   ```
   Set to 4800
   Login:
   ```

5. In back of the AUDIX R1, restore the previous cable connections.
6. Go to Testing the Modem Connection (page 37).

The system will now transfer data at 4800 baud. The port is returned to 1200 baud either through normal system use or by Remote Support Center personnel.

Testing the Modem Connection

To test the modem connection:

1. From the AUDIX R1 Migration Using ADAP menu, enter **2**

   CAUTION:
   Do not break out of this test before it completes. The test must complete normally, regardless of whether the test is successful. Breaking out will require that the AUDIX R1 system be rebooted.

   This portion of the test goes through these stages:

   - The system displays the results of the connection attempts. If the login ID or password was entered incorrectly in Setting up the Migration Parameters (page 33), the system displays the following message:

     ```
     Login id / password invalid
     ```

     This message requires that you return to Setting up the Migration Parameters (page 33) to reenter the correct login ID and password.

   - Intuity AUDIX systems within North America use the remote maintenance circuit card as the modem, through which the transfer will occur. This modem is configured for a faster transfer rate than the R1 modem. The Intuity AUDIX modem will try successively slower connection speeds to the AUDIX R1 until a matching speed is found. This process can take up to 10 minutes.

   - If the connection attempts are successful and the parameters are correct, the system displays a message similar to the following:

     ```
     Copyright (c) Avaya 1996. All rights
     reserved.
     Start at Tue Feb 18:12:49:02 1998
     Connectivity Test SUCCESSFUL
     Press enter to continue...
     ```

2. Do one of the following:

   - If the test is successful, press ENTER to return to the AUDIX R1 Migration Using ADAP menu, then go to Step 3 of Setting Up Network Machine Data.

   - If the test fails, continue with Step 3.

3. Verify that the modem is properly plugged into the COM2 port, the power is on, and the correct options are set.
4. Repeat Step 1.
5. If the test still fails, contact the Remote Services Center.

Setting Up Network Machine Data

Note:
This procedure only works with AUDIX R1V8 systems. Versions V5, V6, and V7 require manual administration of the network machine data on the Intuity AUDIX system.

To set up the network machine data:

1. From the Avaya Intuity main menu, select:

   `Migrations`

   The system displays the Migration menu.

2. Enter **1**

   The system displays the AUDIX R1 Migration Using ADAP menu.

3. Enter **3**

   The system displays the following message:

   ```
   Stopping Voice Mail System
   Machine Profile Migration Started
   Choose option 5 to check the status
   Press enter to continue
   ```

4. Press ENTER.
5. When the profile migration is complete, confirm the transfer by comparing the Voice ID and Address Range to the `List:Machine` information recorded on the AUDIX R1 profile. Do one of the following:

   - If the migrated data is incorrect, return to Step 3.
   - If the migrated data is correct, continue with Running the Data Transfer (page 39).

Running the Data Transfer

You must run the data transfer to move AUDIX R1 subscriber data to the Intuity AUDIX system. The transfer of data can take several hours, depending on the number of subscribers whose data is being transferred. An approximate estimate of time is 200 subscribers per hour at 1200 baud and 600 per hour at 4800 baud.

The transfer of data occurs in two phases. In the first phase, the AUDIX R1 system transfers the following data to the Intuity AUDIX system:

- Class of service data
- List of subscribers
- Subscriber data

As each type of data is transferred, the screen increments the count so that you can see the progress being made.

In the second phase, the AUDIX R1 data is converted into a format that the Intuity AUDIX system can use. After all data is successfully transferred, the screen increments the count for each type of data conversion.

To transfer the data:

1. From the Avaya Intuity main menu, select:

   ```
   Migrations
   ```

   The system displays the Migration menu.

2. Enter **1**

   The system displays the AUDIX R1 Migration Using ADAP menu.

3. Enter **4**

   The system displays the following message:

   ```
   Delay in minutes before starting migration
   ()
   ```

4. Enter **0**

   The system displays the following message:

   ```
   Migration started
   Hereafter choose option 5 to check the
   status of migration
   Choose option 6 to check for any errors
   Choose option 7 to abort migration
   Press enter to continue
   ```

5. Press ENTER to begin the migration.

CAUTION:
Do not reboot, shut down the machine, or disconnect power while the transfer is in progress. If you do this, you will have to restart the transfer.

6. Check the status of the data transfer. From the AUDIX R1 Migration Using ADAP menu, enter **5**

   The system displays the data transfer status information. This information tells you whether the data transfer is still running and provides information about when the transfer will complete.

   Note:
   If the count for "Get Class of Service" is increasing, the migration is running properly.

7. The following fields are used to verify the number of items being migrated for a particular parameter and the status of the parameter migration.

   - The `Get Class Of Service` field indicates the number of class of service parameters being migrated and the status of the migration.
   - The `Get the List of Subscribers` field indicates the number of subscribers being migrated and the status of the subscriber migration.
   - The `Get Subscriber Info` field indicates the number of subscribers for which data is being transferred and the status of the transfer.
   - The `Get Remote Subscriber Info` field indicates the number of remote subscribers for which data is being transferred and the status of the transfer.
   - The `Convert COS` field indicates the number of class of service parameters being converted and the status of the conversion.

- The `Convert Local Subscribers` field indicates the number of local subscribers being converted and the status of the conversion.
- The `Convert Remote Subscribers` field indicates the number of remote subscribers being converted and the status of the conversion.

8. When all data is successfully transferred and converted, the status for the items will say “Completed” as shown in the data transfer status information screen.

   Note:
   If the data transfer encounters problems, you may have to stop and restart the transfer. See Stopping the Data Transfer (page 41) and Restarting the Data Transfer (page 42) for more information.

9. Press ENTER.

   The system displays the AUDIX R1 Migration Using ADAP menu.

10. Enter **6**

    The system displays log file entries. If errors are found, see Checking the Log File (page 42) for more information about correcting the error.

11. Verify that the connection through the switch is successful by whether the system displays the following text:

    ```
    connect SUCCESSFUL, going on to login.
    ```

12. Press ENTER to return to the AUDIX R1 Migration Using ADAP menu.

Stopping the Data Transfer

If the data transfer encounters problems, you may have to stop the transfer.

To stop the data transfer:

1. From the AUDIX R1 Migration Using ADAP menu, enter **7**

   The system stops the data transfer and displays the following message:

   `Migration aborted.`

2. Press ENTER.

   The system displays the AUDIX R1 Migration menu.

   Note:
   The system saves the data up to the point of the last completed step. However, if you stop the transfer in the middle of the Get Subscriber Info transfer, the Get Subscriber List data is not saved.

Restarting the Data Transfer

Once the data transfer has been stopped, and any encountered problems investigated, it can then be restarted.

To restart the data transfer:

1. From the AUDIX R1 Migration Using ADAP menu, enter **8**

   The system displays a list of restart options.

2. Select the option associated with the point at which you stopped the data transfer.

   The system displays the following message:

   `Delay in minutes before starting migration ().`

3. Enter **0** to restart the transfer immediately or enter a number to specify how many minutes to delay the restart.

   The system displays the following message:

   `Migration restarted.`

4. Press ENTER.

   The system displays the AUDIX R1 Migration Using ADAP menu.

Checking the Log File

When the data transfer is completed successfully, you must check the migration log file to see whether errors have occurred.

To check the migration log file:

1. From the AUDIX R1 Migration Using ADAP menu, enter **6**

   The system displays the Migration log file.

2. Press ENTER to page down through the errors. Note the telephone numbers that begin each log file record and the associated error codes.

   Note:
   To exit the log file before you reach the end, enter **q**

   The following table lists the most Common Error Codes for Migrations from AUDIX R1. Interpreting the cause of the error may require checking both the error code and field name. For a complete list and description of each code, go to Migration Error Codes. For a list and description of the field names, go to Migration Field Descriptions.

Table: Common Error Codes for Migrations from AUDIX R1

Code	Meaning
6	Bad data. The values are outside the permitted range.
61	The extension lengths of AUDIX R1 and Intuity AUDIX do not match.
1023	The value is out of range or the field contains an invalid entry.
1025	The extension already exists in the Intuity AUDIX system.
bad field	Quotation marks appear in a subscriber's data.

3. Once you reach the end of the log file, `EOF` appears.

   Note:
   If there are 10% or fewer errors, you must manually enter the subscribers. See Adding, Changing, and Removing Subscribers for more information. If more errors exist, call the Remote Maintenance Center.

4. Press ENTER three times to exit the file.

   The system displays the AUDIX R1 Migration Using ADAP menu.

5. Enter **9**

   The system displays the Migration menu.

6. Enter **6**

   The system displays the Avaya Intuity main menu.

Printing the Log File

To print the log file:

1. Connect a printer to your Avaya Intuity terminal using the appropriate port for your parallel or serial printer.

   You can connect any of the following printers:

   - AT&T 570 series of terminals
   - AT&T 593
   - AT&T 595
   - NCR 6417

   See Connecting the Printer for more information.

Note:
If you connect a serial printer to the DTE connection on a 715 terminal, you must use a null modem cable between the terminal and the printer.

2. From the AUDIX R1 Migration Using ADAP menu, enter **5**

   The system displays the log file.

3. When you reach the end of the file, press ENTER.

   The system displays the following message:

   ```
   To print the logfile, type p else press
   [enter] to continue.
   ```

4. Enter **p**

   - If the printer is active, the system displays the following message and then the AUDIX R1 Migration Using ADAP menu:

     ```
     request id is lpl-9 (1 file)

     Log file sent to printer. Press [enter]
     to continue
     ```

- If no printer is active, the system displays the following message:

  ```
  There is no default destination printer
  set. Cannot print the logfile.

  Press [enter] to continue.
  ```

  You must administer the printer using the Printer Administration menu.

Verifying the Data Transfer

Once the data transfer is complete, you must verify that the subscriber data transferred successfully and readminister some features. This requires the following:

- Check the number of local subscribers (it should be within 10% of the original number of local subscribers)
- Check five subscriber extensions (well-spaced throughout the range of extensions you transferred)
- Check five remote AMIS subscribers (if any)
- Readminister the third page of the automated attendants form (if used)
- Readminister all custom announcements (if used)

To verify the transfer of data:

1. From the Avaya Intuity main menu, select:

   ```
   AUDIX Administration
   ```

   The system displays the AUDIX Command Prompt screen.

2. Type **li me fe da** and press ENTER.
3. Verify that the value in the Subscribers Local field is within 10% of the value in the same field in AUDIX R1.
4. Type **li sub** and press ENTER.
5. Verify that the data has been transferred.
6. Verify that the extension and COS are correct for the displayed subscribers.

7. Write down 10 subscriber names and extensions from throughout the range of extensions.

8. Using the list from Step 7, type **display subscriber *extension number*** where *extension number* is a valid subscriber extension number, and press ENTER.

9. Verify that the data has been transferred properly by checking the COS characteristics and that the second page is populated correctly.

10. Type **display remote-subscriber *AMIS-machine-name extension number*** where *AMIS-machine-name extension number* is a valid extension on an AMIS-administered machine, and press ENTER.

11. Verify that the data has been transferred.

12. Readminister the third page of the auto attendant feature administration. Follow the procedure for automated attendants to check and readminister any required parts of this procedure.

    For more information go to Setting Up an Automated Attendant.

13. Rerecord and readminister custom announcements. Follow the procedure as needed.

    For more information go to Customizing Announcements.

Updating the Switch Administration

Once the migration from the AUDIX R1 system to the Intuity AUDIX system is completed successfully, you must update the switch administration used for the AUDIX R1 and Intuity AUDIX systems. This procedure assumes the following:

- The customer wants to use the voice ports that were assigned to the AUDIX R1 for the Intuity AUDIX system.
- The customer wants to cable the AUDIX R1 separately for use in stand-alone mode until the subscribers no longer need the older messages. With this method, subscribers call a different phone number to listen to their messages. Messages can not be transferred to the Intuity AUDIX system.

Based on the type of switch and Intuity AUDIX system you are administering, you may need the following documentation resources to help you complete these tasks:

- The installation book for the customer's switch
- The cabling and administration documentation for the AUDIX R1 system
- The Intuity Messaging Solutions Release 5.1 documentation CD-ROM

To administer the switch integration:

1. Go to the switch administration terminal and create two new voice ports for the AUDIX R1 system. Leave the coverage path blank.

   The existing R1 ports are used for the Avaya Intuity system.

2. Create a new hunt group for the AUDIX R1 and add the new voice ports to the group.

   This creates a new telephone number subscribers can call to get their old AUDIX R1 messages.

3. Wire a new cable to use with the AUDIX R1 voice ports.

4. Wire new cables from the switch to the Intuity AUDIX.

   For more information about the Intuity AUDIX side of the switch cabling, go to Connecting a Tip/Ring Circuit Card. Follow this procedure.

Cabling Both Systems

After the migration from the AUDIX R1 system to the Avaya Intuity system is completed successfully, you can connect the cables to the Avaya Intuity system.

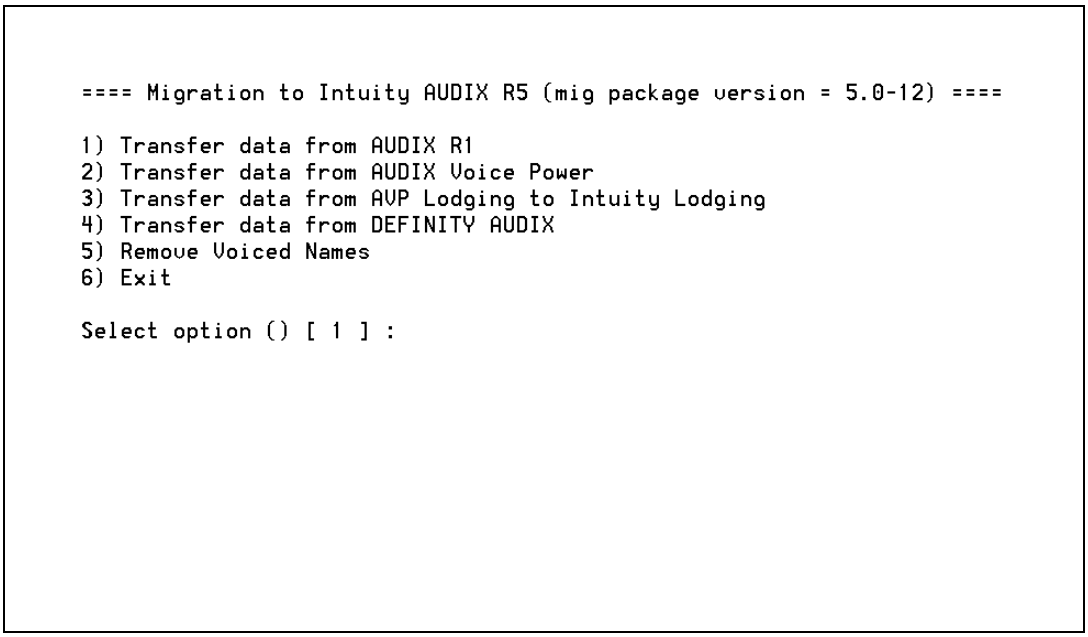
You cannot use the AUDIX R1 system cables for connecting the Avaya Intuity system to the switch. Therefore, you must cable the Avaya Intuity system to the switch as if it were a new installation.

If the customer wants to use the AUDIX R1 for stand-alone mode temporarily, a cable scheme similar to that shown in Suggested Cabling After Migration (page 57) may be used.

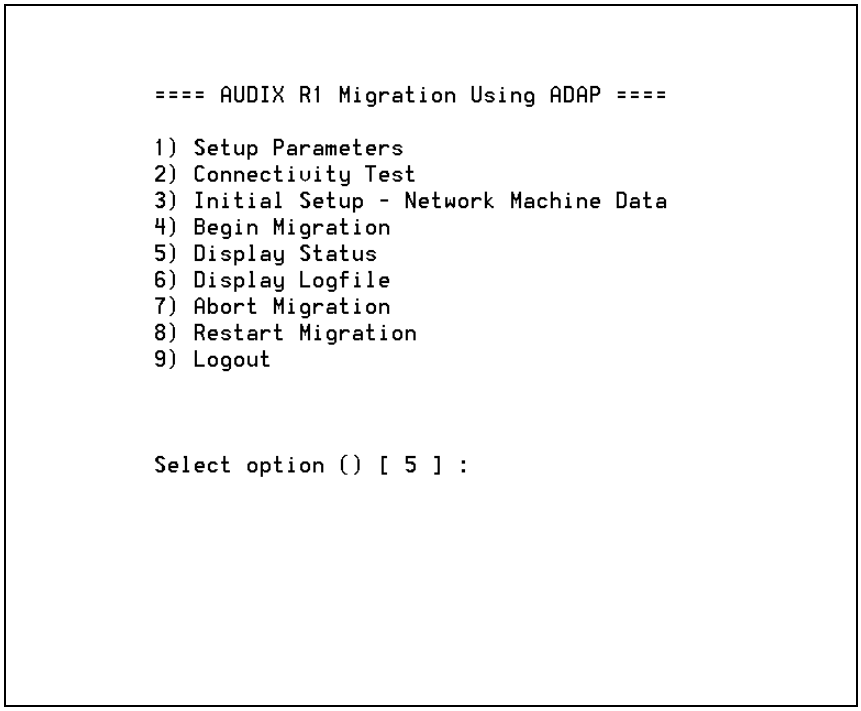
To cable the Avaya Intuity and AUDIX R1 systems to the switch:

Task	Reference
1. Busy out the old AUDIX R1 voice ports. This lets you remove the voice port cables.	▪ Integrating the Intuity System with a Switch ▪ For other manufacturer's switches, see the appropriate integration book
2. Disconnect the voice port cables to the AUDIX R1 system and cable the voice ports to the Intuity AUDIX system. Leave any R1 cables connected that are required to play subscriber's messages.	
3. Shut down the Avaya Intuity system. Log off and turn off the computer.	
4. Power down the AUDIX R1 system. Log off and turn off the computer.	AUDIX R1 Administration book
5. Disconnect the BX.25 cables to the AUDIX R1 system. **Note:** You may also have to recable the AUDIX R1 system to the switch if the customer is using new voice ports for the AUDIX hunt group.	*AUDIX R1 Installation book*
6. Connect the BX.25 cables to the Intuity AUDIX system.	Intuity Messaging Solutions *Getting Connected*, 585-313-703
7. Turn on the Avaya Intuity machine and log in. This puts the Intuity AUDIX system into service for the test stations.	
8. Connect the AUDIX R1 cables to the new AUDIX R1 voice ports.	*AUDIX R1 Installation book*
9. Restart the AUDIX R1 machine.	AUDIX R1 Administration book

Migration Menu



AUDIX R1 Migration Using ADAP Menu



Data Entry Prompts

```
Select option () [ 4 ] : 1
phone number () [ 4069 ] :
baud rate (1200 2400 4800) [ 1200 ] :
login () [ ap ] :
password () [ ] :
Please re-enter password
password () [ ] :
software release (r1v5 r1v6 r1v7 r1v8) [ r1v7 ] :
default subscriber password () [ ] :
Please re-enter password
default subscriber password () [ ] :
beginning local subscriber () [ 18001 ] :
ending local subscriber (0 means no subscribers) [ 27000 ] :
AMIS remote subscribers (y) [ n ] :

Are these values correct (y n) [ n ] : y
```

Log File

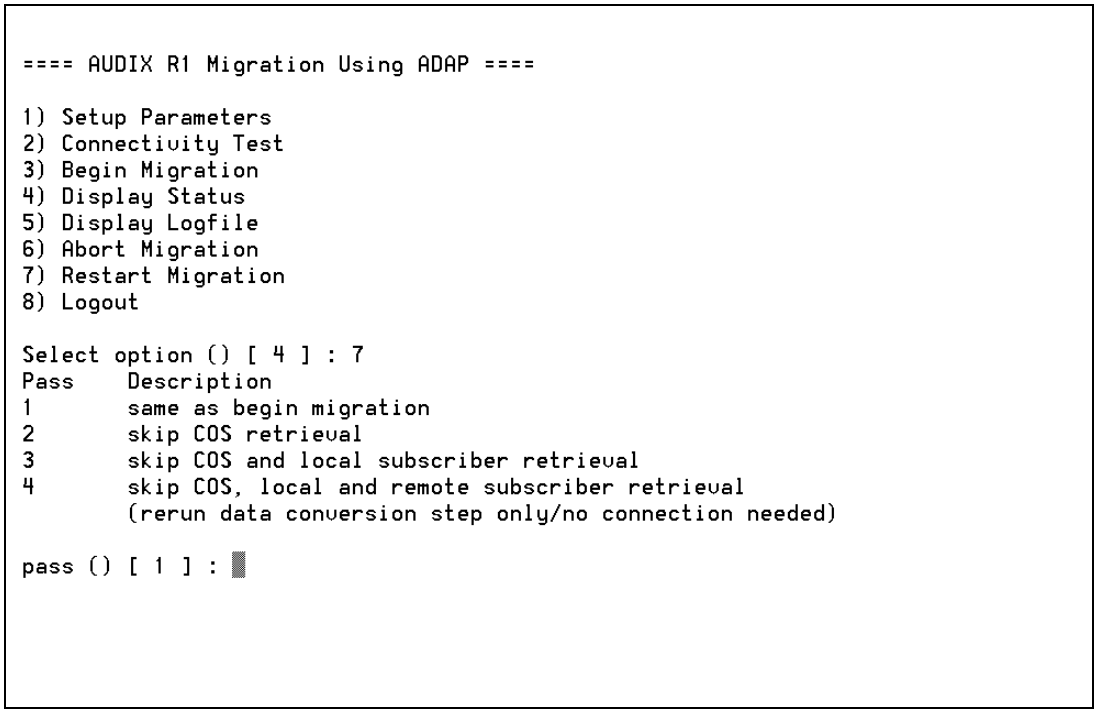
```
alogin: connect SUCCESSFUL, going on to login.

Proper baud rate established, logging in...
login: craft
password:
terminal code: pc
Kermit communications server beginning...Intuity cbueusw%
ty cbueusw% Mon Jan 16 15:27:10 EST 1995
Intuity cbueusw%
(EOF):
```

Data Transfer Status

Migration Completed

ITEM	STATUS	COUNT
Get Class of Service	Completed	12
Get the List of Subscribers	Completed	120
Get Subscriber Info	Completed	120
Get Remote Subscriber Info	Completed	20
Convert COS	Completed	12
Convert Local Subscribers	Completed	100
Convert Remote Subscribers	Completed	20

Migration Restart Options



Migration Log File Display

```
==== AUDIX R1 Migration Using ADAP ====

1) Setup Parameters
2) Connectivity Test
3) Begin Migration
4) Display Status
5) Display Logfile
6) Abort Migration
7) Restart Migration
8) Logout

Select option () [ 4 ] : 5
RESTART CONVERT
"234-3781" "def" "n" "43781" \\ call-answer "n" fifo fifo "nuo" "daunf" 5 200 20
0 24 24 25 \\ 200 1200 0 extension 10 10 5 10 \\ \\ 1 "" "" "n" "" "" 1 "n" "n"
none "43781" "" \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \
\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ 0 5
: error 1023 at field 0 code 25
"234-3782" "def" "n" "43782" \\ call-answer "n" fifo fifo "nuo" "daunf" 5 200 20
0 24 24 25 \\ 200 1200 0 extension 10 10 5 10 \\ \\ 1 "" "" "n" "" "" 1 "n" "n"
none "43782" "" \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \
\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ 0 5
: error 1023 at field 0 code 25
"234-3787" "def" "n" "43787" \\ call-answer "n" fifo fi
```

Avaya Intuity Main Menu-Migrations Option

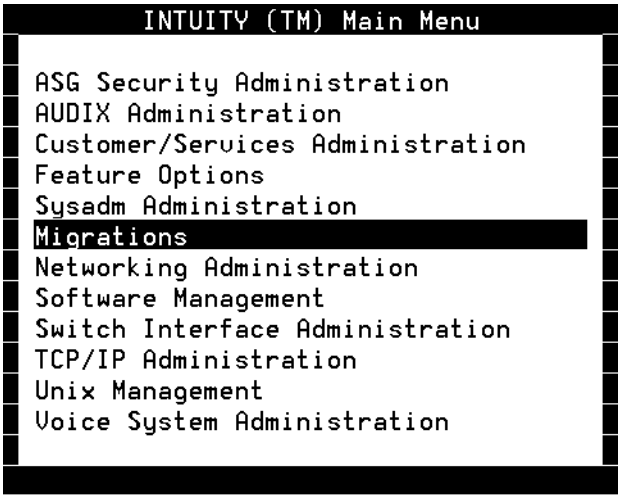
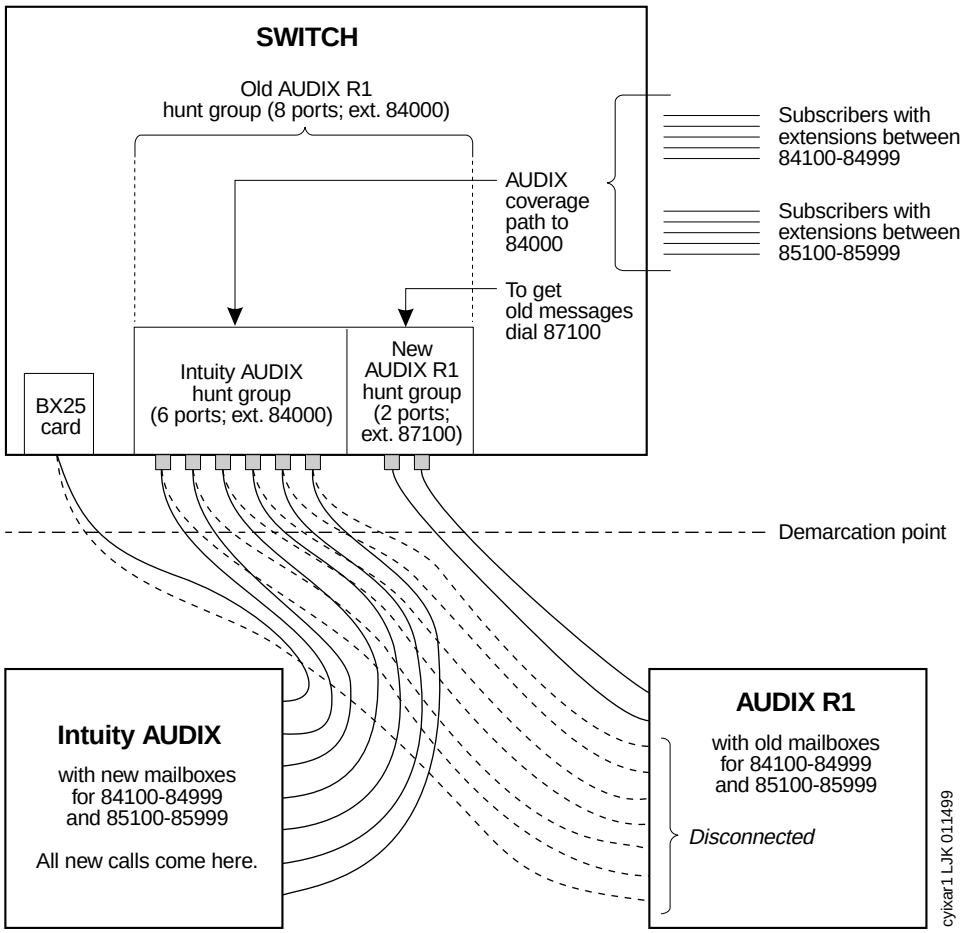
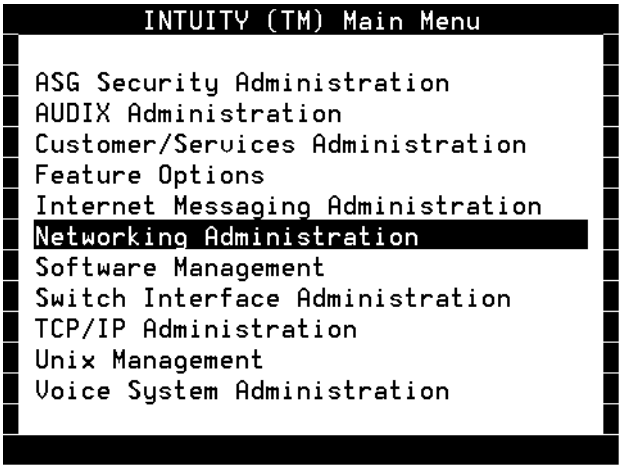


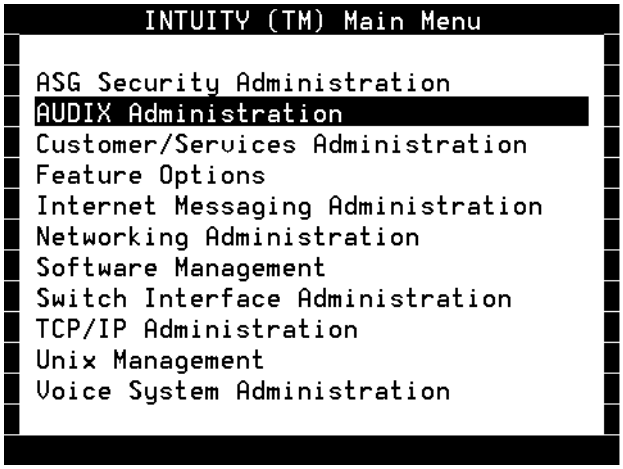
Figure: Suggested Cabling After Migration



Avaya Intuity Main Menu-Networking Administration Option



Avaya Intuity Main Menu-AUDIX Administration Option



Readministering the AUDIX R1 System

This procedure assumes that the customer wants to readminister the AUDIX R1 to work as a stand-alone system. This means subscribers can call a new number to listen to old messages until the system is taken out of service.

To readminister the AUDIX R1:

1. At the AUDIX R1 command line, type **sy tr s** and press F8 (Enter).

   The system displays the System:Translation:Switch Connection screen.

2. In the connection type field, type **standalone**

3. Press F1 (Change or Run).

4. At the AUDIX R1 command line, type **sy tr voice** and press F8 (Enter).

   The system displays the System:Translation:Voice Port screen.

5. Delete the existing voice port assignments.

6. Add new port assignments using the new extensions for the AUDIX R1.

7. Press F1 (Change or Run) to save your entries.

Confirming the Intuity AUDIX Configuration

The Intuity AUDIX system switch and feature configuration should be set correctly for the customer when it is shipped.

To confirm that this configuration is correct:

1. Start at the Avaya Intuity main menu and select:

   ```
   Feature Options
   ```

   The system displays the Feature Options Window (page 66).

2. Confirm that the Intuity AUDIX system has the same features activated in the same quantities as before the migration.

3. Press F6 (Cancel).

4. From the Avaya Intuity main menu, select:

   ```
   Network Administration
     Remote Machine Information
   ```

   The system displays the Remote Machine Information Window (page 67).

5. Compare this information with the System:Translation:Machine:Audix information that was recorded during the Record the AUDIX R1 profile information topic for any remote networked machines.

6. Press F6 (Cancel) twice.

7. From the Avaya Intuity main menu, select:

   ```
   Voice System Administration
     Voice Equipment
   ```

   The system displays the Display Voice Equipment Window (page 68).

8. From the `Phone` column, write down each extension in the order displayed.

9. Press F6 (Cancel) once.

10. From the Voice System Administration menu, select:

    ```
    System Monitor
    ```

    The system displays the System Monitor -Voice Channels Window (page 69).

11. Using a handset near the Intuity AUDIX system, dial every extension listed in Step 8.

12. Watch the System Monitor - Voice Channels window to confirm that each channel rings in the same order as it is administered on the Display Voice Equipment window. Confirm also that each channel answers the call.

13. Do one of the following:

    - If the channels all ring in the correct order and all answer the call, then go to Step 14.
    - If any channel does not ring in the correct order or does not answer the call, then check the cross-connect field for incorrect wiring. Correct the wiring, then return to Step 7.

14. Press F6 (Cancel) twice.

15. Administer channels.

    For more information go to Administering Channels. Complete all three procedures on this screen.

16. Perform acceptance tests.

    For more information go to Performing Acceptance Tests. Complete both procedures on this screen.

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 Avaya 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 Avaya Intuity main menu.

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

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

Setting Up Digital Networking

Note:
If the customer has digital networking, the customer should manually run the **get remote update** command on each digitally networked machine to recapture remote subscriber data after digital networking is readministered.

To set up digital networking:

1. Enter **get remote_updates *remote machine name*** where r*emote machine name* is the name of a system that shares the network with your local system.

   The system displays the Remote Update Request screen.

Completing the Migration

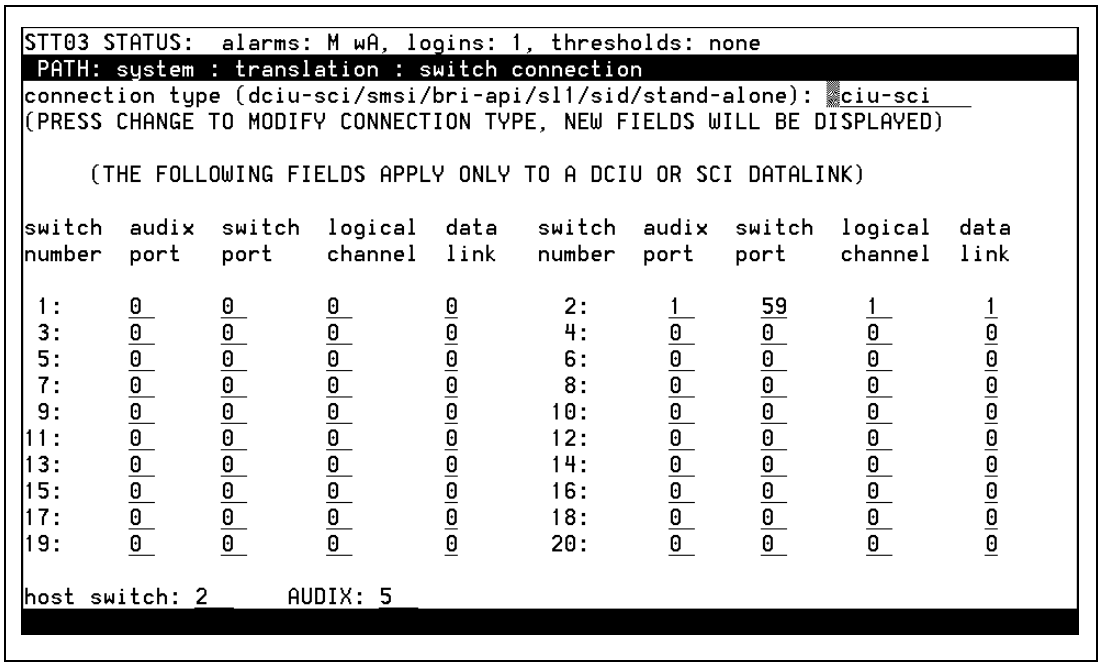
To complete the migration, you (or the customer) must complete a number of additional installation tasks. These may include:

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

If the customer is responsible for these tasks, give the customer all printouts from the AUDIX R1 system to assist in readministering the new system.

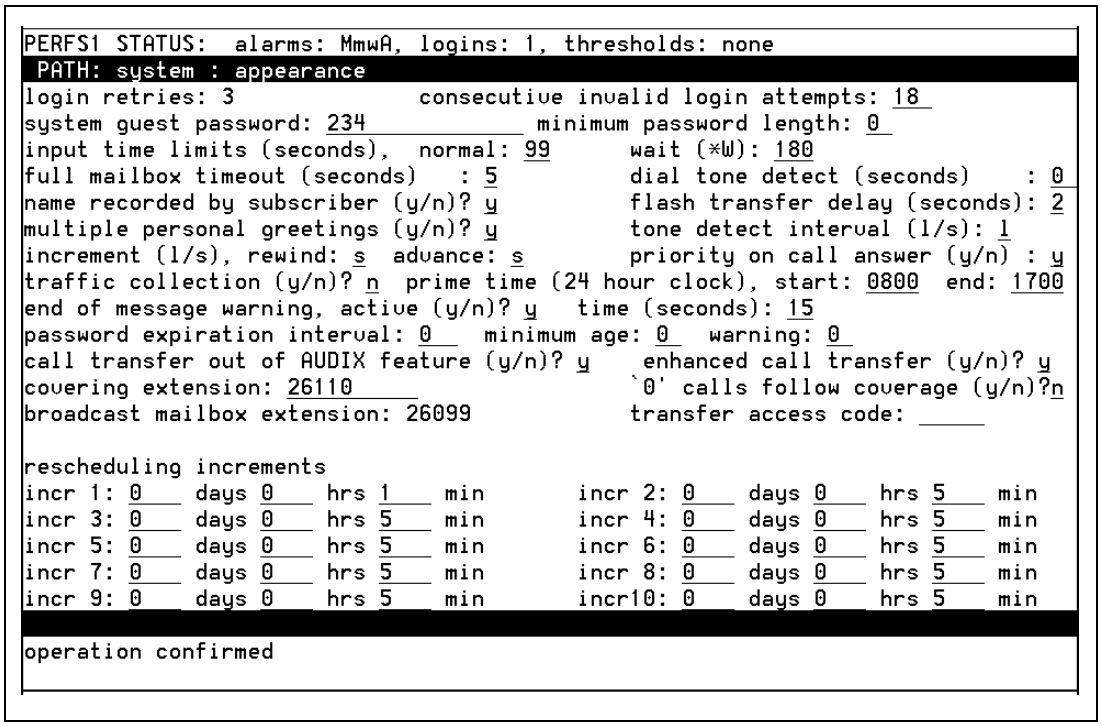
For more information about administering these features, see the Initial Administration and Test for Features menu on the Intuity Messaging Solutions R5 Documentation CD. Click the links for each feature that the customer has purchased.

AUDIX R1 System: Translation: Switch Connection Screen

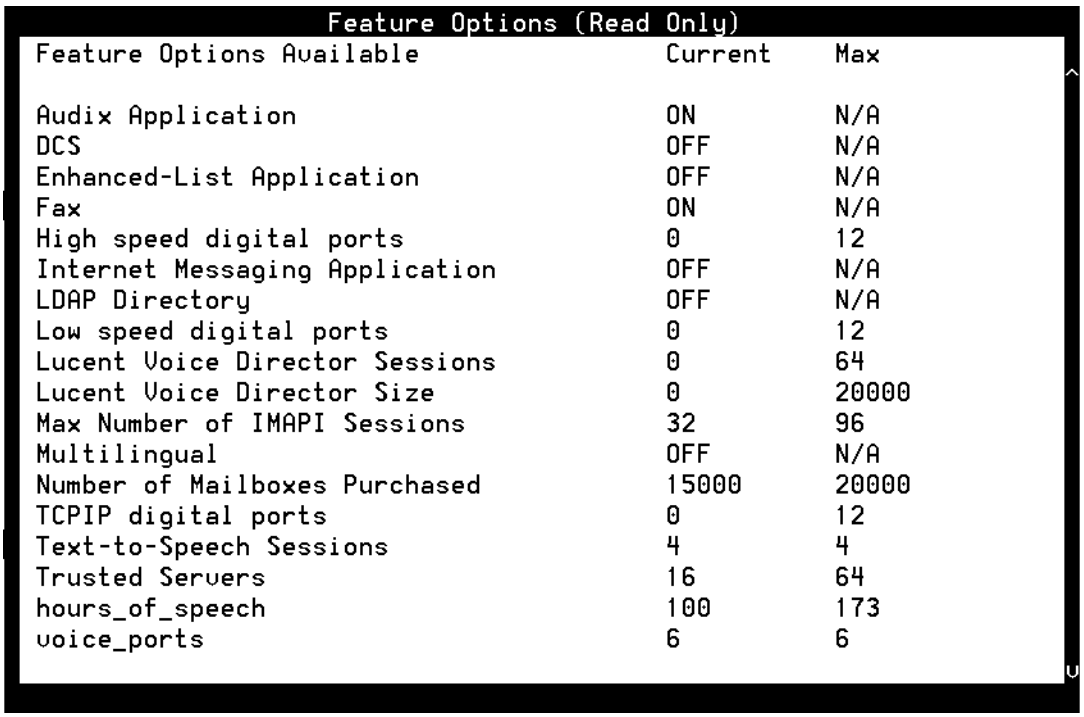


```
STT03 STATUS:  alarms: M wA, logins: 1, thresholds: none
 PATH: system : translation : switch connection
connection type (dciu-sci/smsi/bri-api/sl1/sid/stand-alone): dciu-sci
(PRESS CHANGE TO MODIFY CONNECTION TYPE, NEW FIELDS WILL BE DISPLAYED)

     (THE FOLLOWING FIELDS APPLY ONLY TO A DCIU OR SCI DATALINK)

switch  audix  switch  logical  data   switch  audix  switch  logical  data
number  port   port    channel  link   number  port   port    channel  link

 1:     0      0       0        0        2:     1      59      1        1
 3:     0      0       0        0        4:     0      0       0        0
 5:     0      0       0        0        6:     0      0       0        0
 7:     0      0       0        0        8:     0      0       0        0
 9:     0      0       0        0       10:     0      0       0        0
11:     0      0       0        0       12:     0      0       0        0
13:     0      0       0        0       14:     0      0       0        0
15:     0      0       0        0       16:     0      0       0        0
17:     0      0       0        0       18:     0      0       0        0
19:     0      0       0        0       20:     0      0       0        0

host switch: 2      AUDIX: 5
```

AUDIX R1 System : Appearance Screen



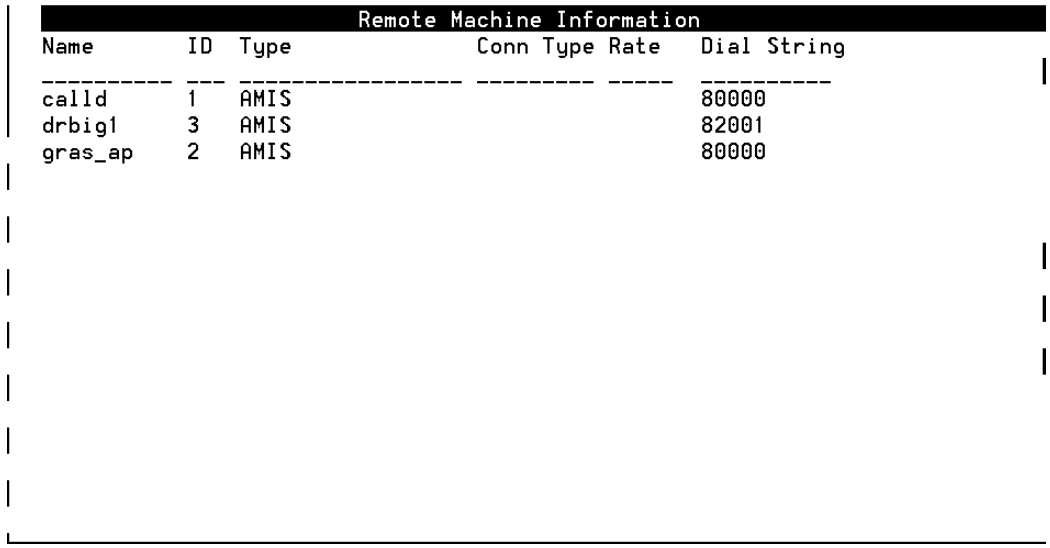
Feature Options Window



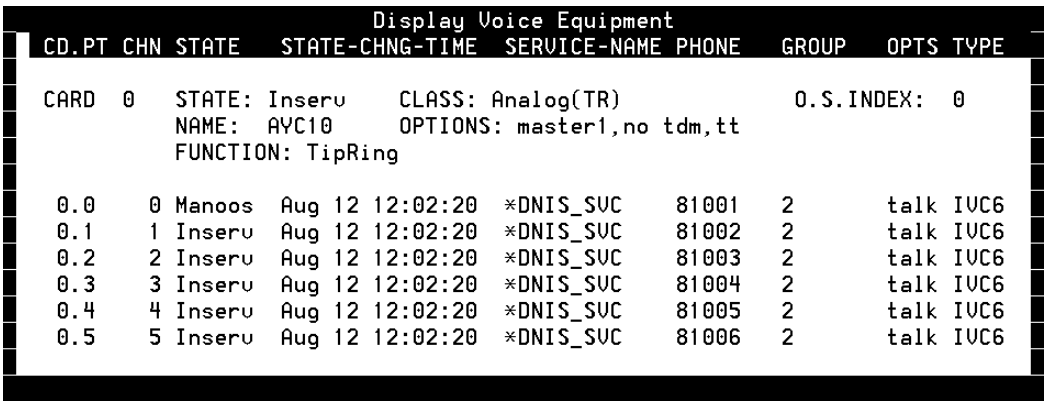
Feature Options (Read Only)

Feature Options Available	Current	Max
Audix Application	ON	N/A
DCS	OFF	N/A
Enhanced-List Application	OFF	N/A
Fax	ON	N/A
High speed digital ports	0	12
Internet Messaging Application	OFF	N/A
LDAP Directory	OFF	N/A
Low speed digital ports	0	12
Lucent Voice Director Sessions	0	64
Lucent Voice Director Size	0	20000
Max Number of IMAPI Sessions	32	96
Multilingual	OFF	N/A
Number of Mailboxes Purchased	15000	20000
TCPIP digital ports	0	12
Text-to-Speech Sessions	4	4
Trusted Servers	16	64
hours_of_speech	100	173
voice_ports	6	6

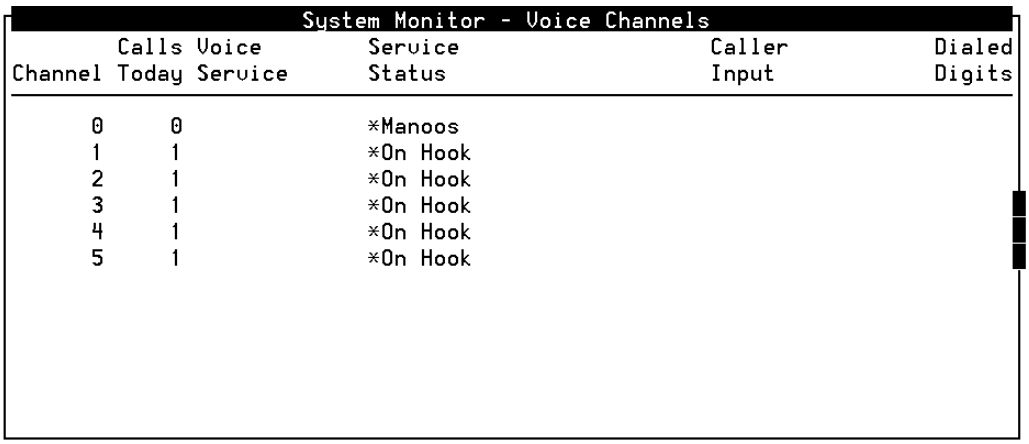
Remote Machine Information Window



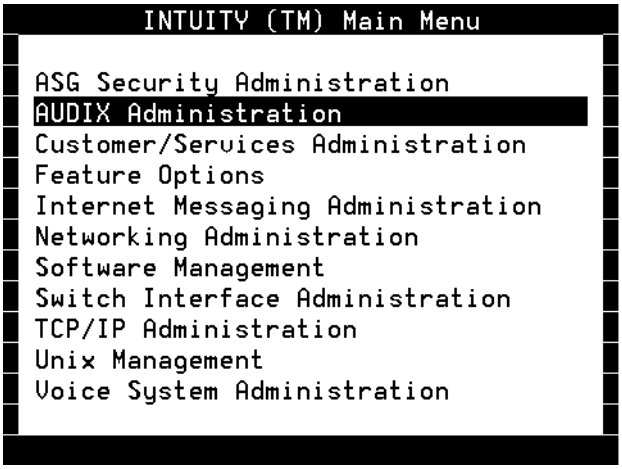
Display Voice Equipment Window



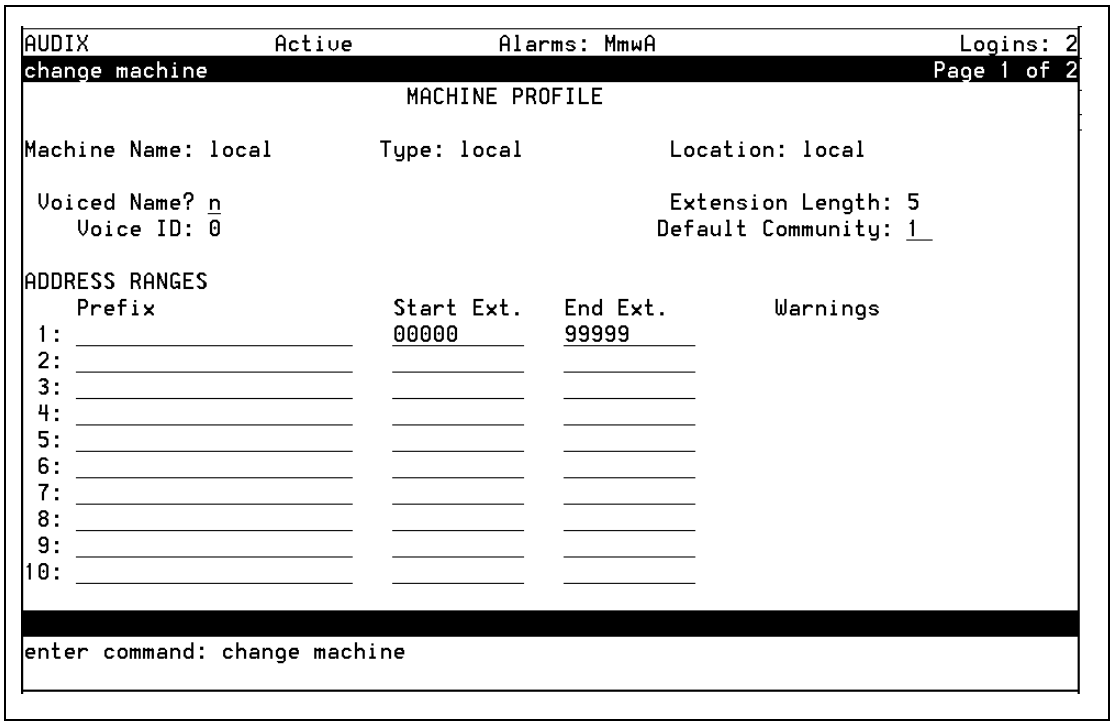
System Monitor -Voice Channels Window



Avaya Intuity Main Menu



Machine Profile Screen



Migrating from DEFINITY AUDIX

This procedure migrates these releases of DEFINITY AUDIX to the Avaya Intuity:

- 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
Preparing for the migration	1. Gathering Materials and Information (page 75).
	2. Assemble the Intuity AUDIX system. For more information, select your MAP under Assembling the System on the documentation CD.
	3. Restore power to the Intuity AUDIX system. For more information, see the documentation CD.
	4. Recording the DEFINITY AUDIX Profile Information (page 77).
	5. Contact the MMIS for Running the File System Check (page 79).
	6. X-Porting the Switch Voice Ports (page 80).
	7. Busying Out the Switch Data Link (page 80).
	8. Removing the DEFINITY AUDIX Voice Ports (page 81) from the switch hunt group.
	9. Installing the Migration Software (page 87) on the Intuity AUDIX system.
Migrate the data	10. Connecting the External Tape Drive (page 93).
	11. Backing Up the DEFINITY AUDIX Data (page 99).
	12. Preadministering the Intuity AUDIX Extension Lengths (page 107).
	13. Connecting the Tape Drive and Transferring the Data (page 109). **Note:** If the Intuity AUDIX is a MAP/5P, the SCSI interface card is installed during this task.
	14. Verifying the Data Transfer (page 115).
	15. If the Intuity AUDIX is a MAP/5P, then follow Removing the SCSI Interface Card (page 134).

Area	Task
Complete the administration	16. Removing the Migration Software (page 136).
	17. Cabling the Intuity AUDIX System (page 137).
	18. Administering for the Switch (page 139).
	19. Readministering the Voice Port Information (page 139).
	20. Confirming the Switch Link Information (page 140).
	21. Releasing the Switch Data Link (page 140).
	22. Completing Additional Installation Tasks (page 141).

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:
  - This documentation CD-ROM
  - The installation book for the customer's switch

Continue with Assembling the Intuity AUDIX System (page 76).

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 an Intuity AUDIX system, see the documentation CD-ROM. From the CONTENTS page, click New System Install, then select one of the following links:

- MAP/5P
- MAP/40P
- Deskside MAP/100P
- Rack-Mounted MAP/100P

Press PAGE DOWN through every page in the file you select.

For more information about following cross-references to the CD-ROM, click the HELP button at the top of this page.

Continue with Apply Power to the Intuity AUDIX System (page 76).

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 77).

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 77) 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 77) 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 78) to the DEFINITY AUDIX, use the Required Profile Information (page 77) 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	**display machine *node***, where *node* 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	**display switch-link**	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 79).

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 87) 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 80).

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 80)
- Busying Out the Data Link on a G2 Switch (page 81)

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 Avaya Intuity 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 81).

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 81).

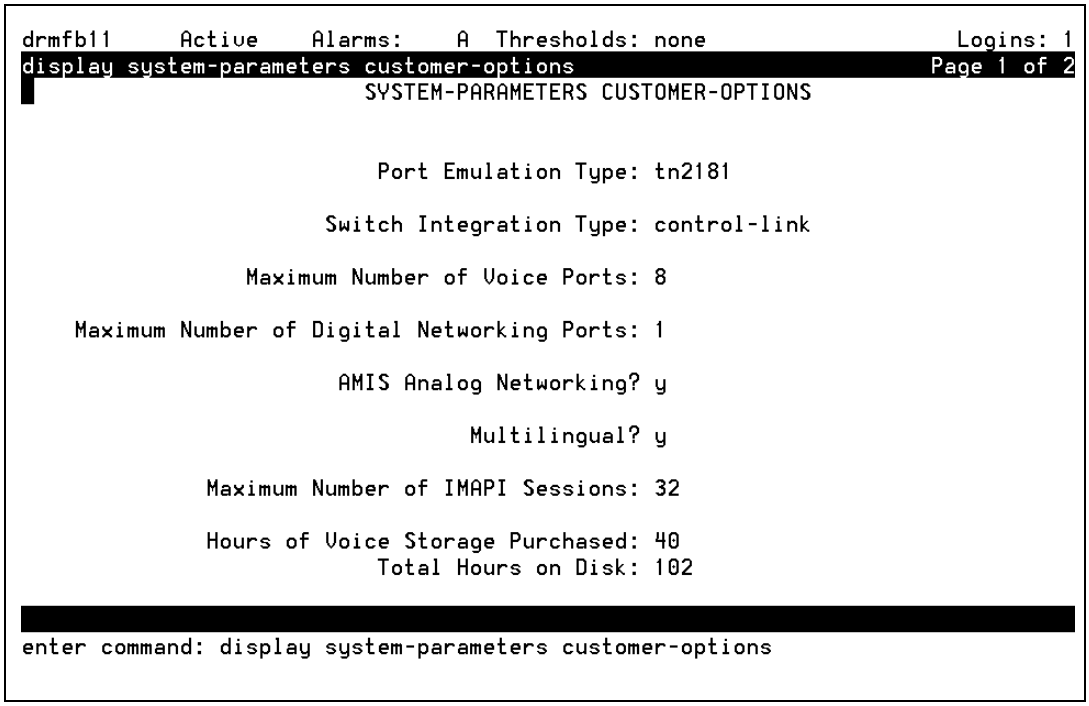
Removing the DEFINITY AUDIX Voice Ports

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

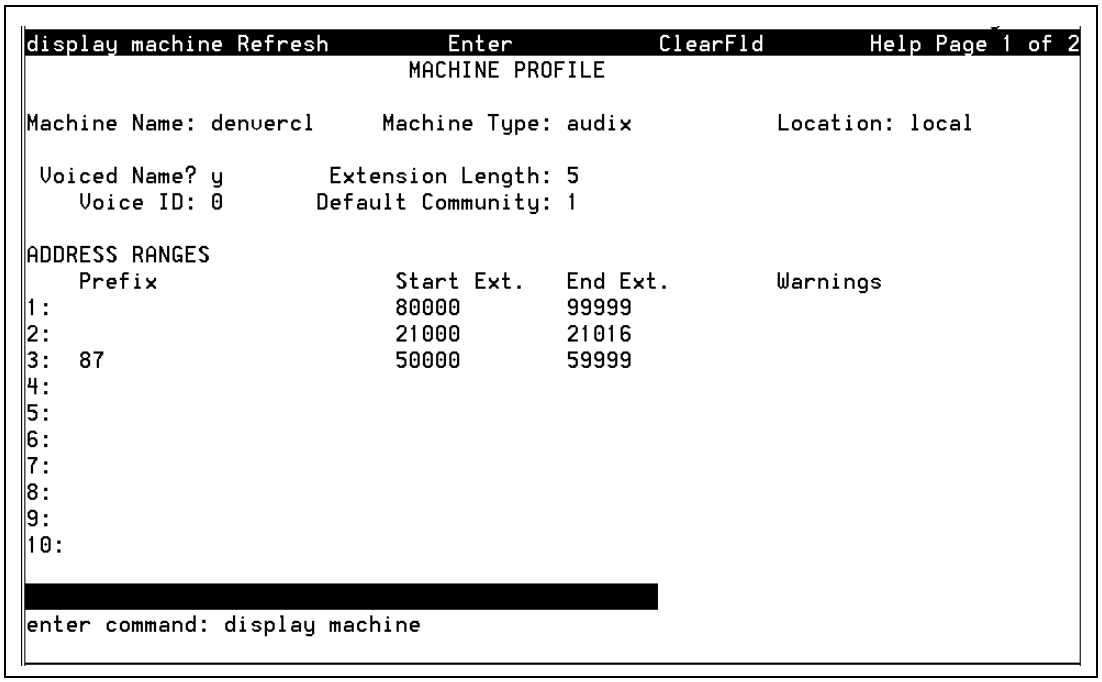
For more information, see the administration documentation for the DEFINITY AUDIX.

Return to the procedures checklist.

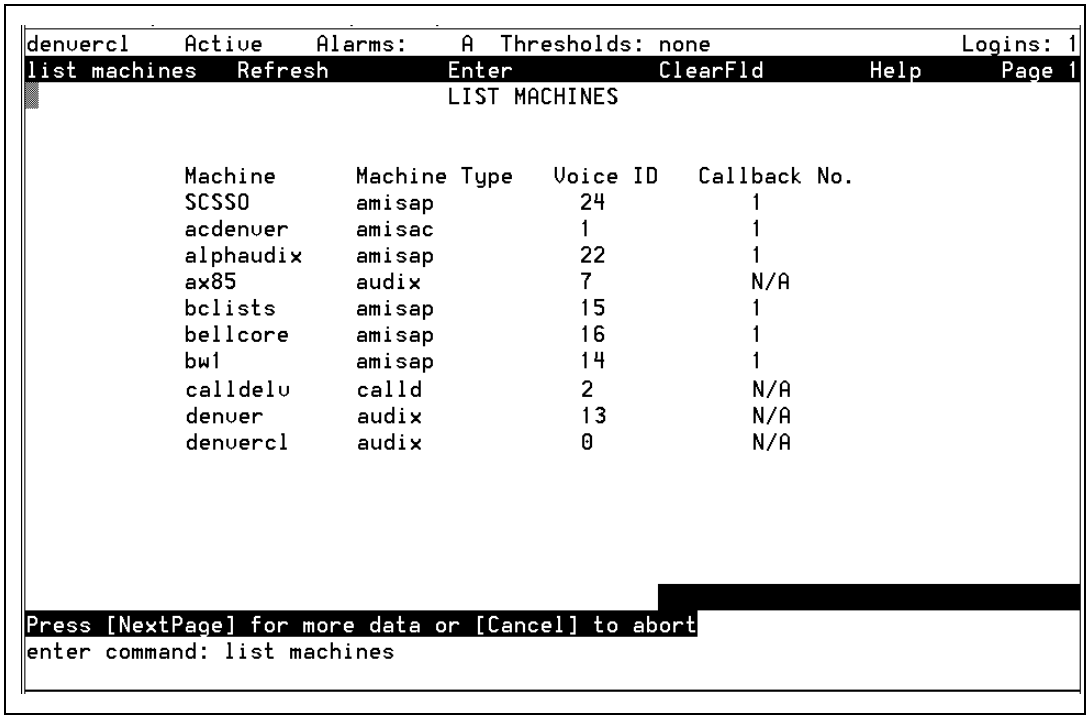
System-Parameters Customer-Options Screen



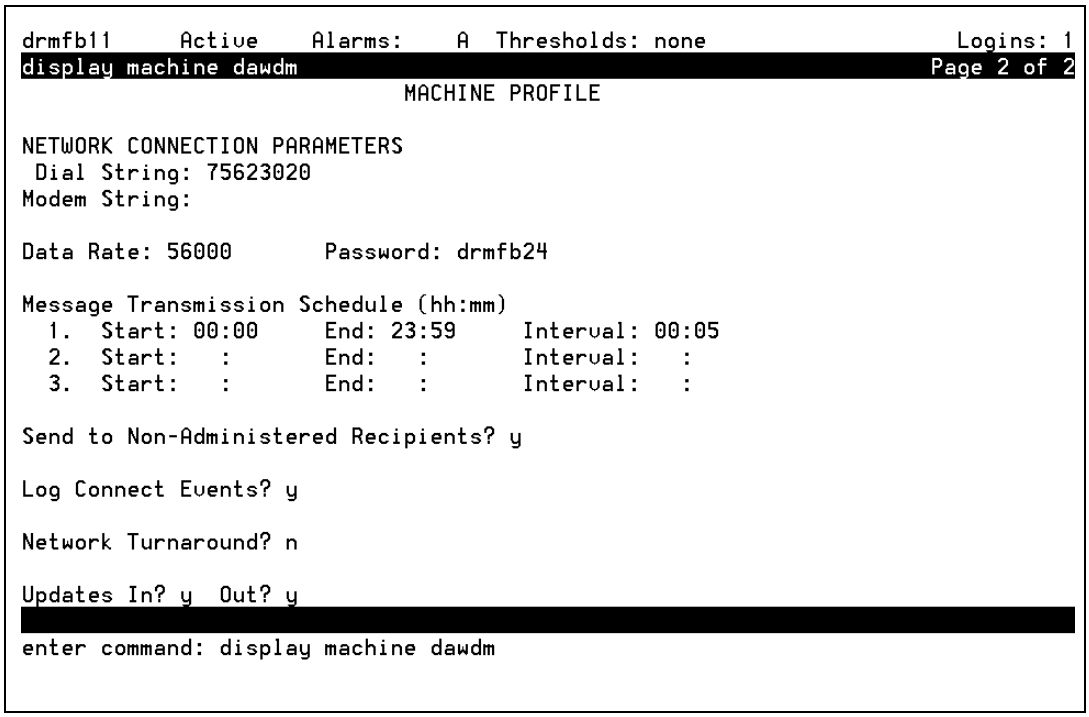
Machine Profile Screen, page 1



List Machines Screen



Machine Profile Screen, page 2



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                                  AUDIX Port
Switch  Logical   Switch  Data          Switch  Logical   Switch  Data
Number  Channel   Port    Link          Number  Channel   Port    Link
   1       1       56      1              2
   3                                      4
   5                                      6
   7                                      8
   9                                     10
  11                                     12
  13                                     14
  15                                     16
  17                                     18
  19                                     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
```

Installing the Migration Software

To load migration software onto the Avaya Intuity system:

1. Log on to the system using the *craft* login.
2. Insert the most recent Intuity AUDIX R5 software CD-ROM in the Avaya Intuity system’s CD-ROM drive.

3. Start at the Avaya Intuity Main Menu (page 90) and select:

   ```
   Software Management
     Software Installation
       CD
   ```

   The system displays the Software Install Screen, Page 1 (page 92).

   Note:
   If you did not complete the backup, the system displays the Backup Warning Screen (page 91).

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 93).

   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.

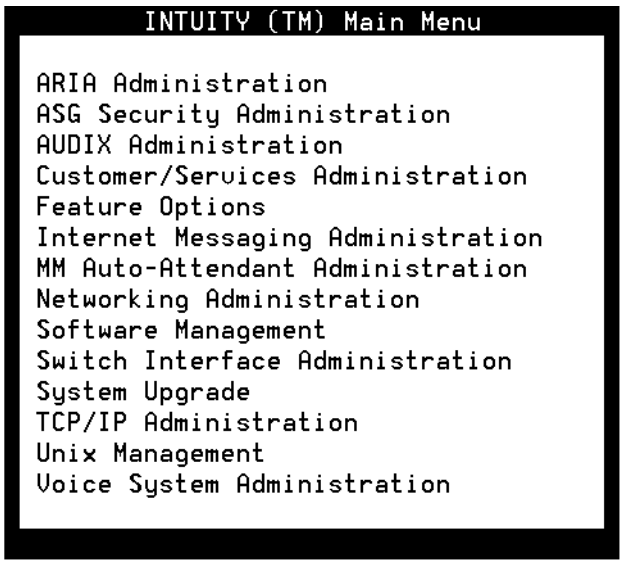
12. Remove the Intuity AUDIX R5 software CD-ROM from the CD-ROM drive.

13. When the system has restarted, log in to the Avaya Intuity system using *craft*.

    Note:
    The system will not display the Migration menu option on the Avaya 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.

Avaya 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
```

Connecting the External Tape Drive

WARNING:
Damage from electrostatic discharge is possible. See Protecting Against ESD Damage for more information.

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 93)
- Connecting Release 4.0 (page 95)

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. See Protecting Against ESD Damage for more information.

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 97). 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 procedures checklist.

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 98).

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 99).

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 procedures checklist.

Figure:
Removing the Retaining Clips from the Tape Drive

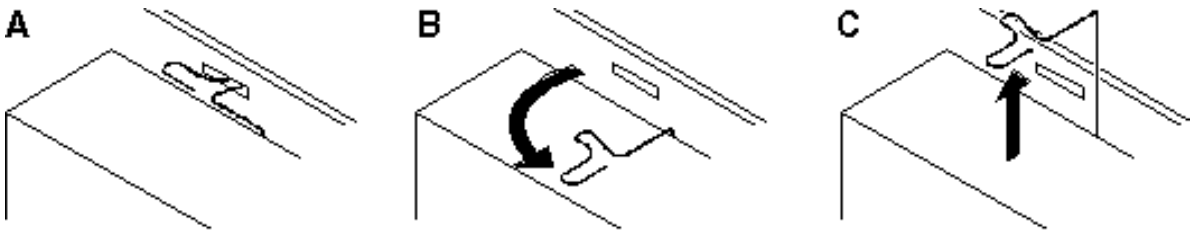


Figure: TN568 Circuit Card

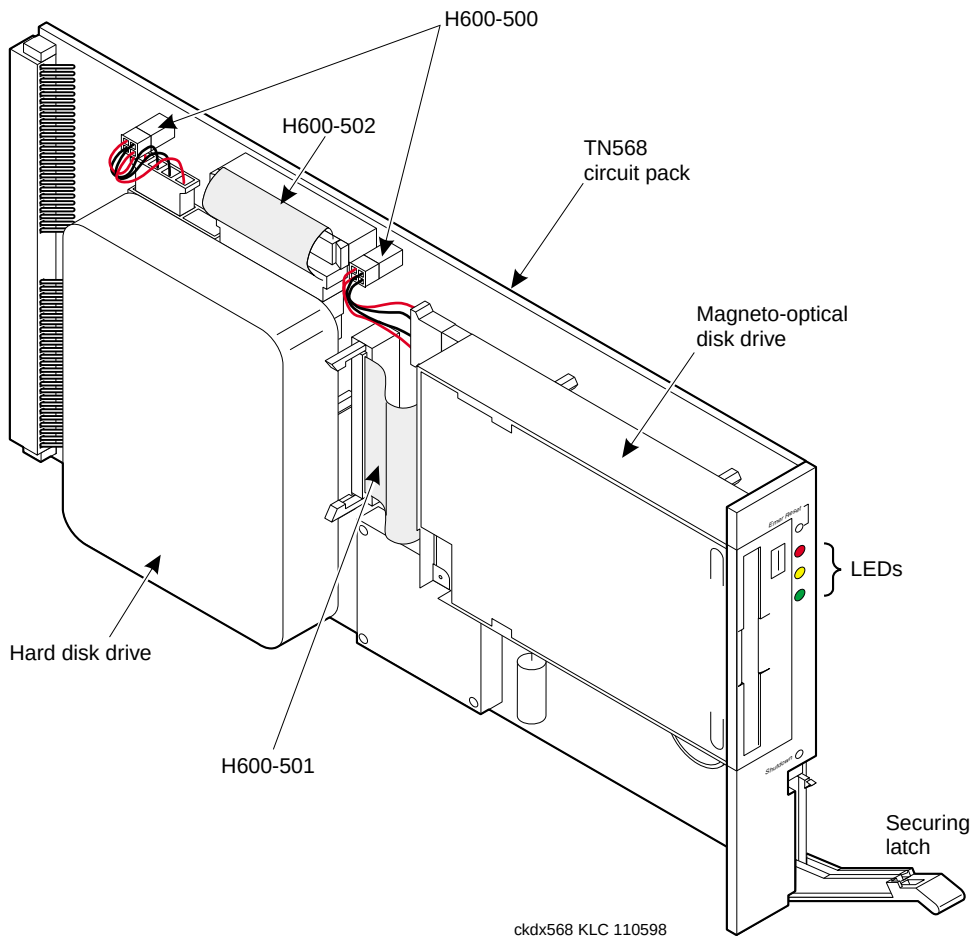
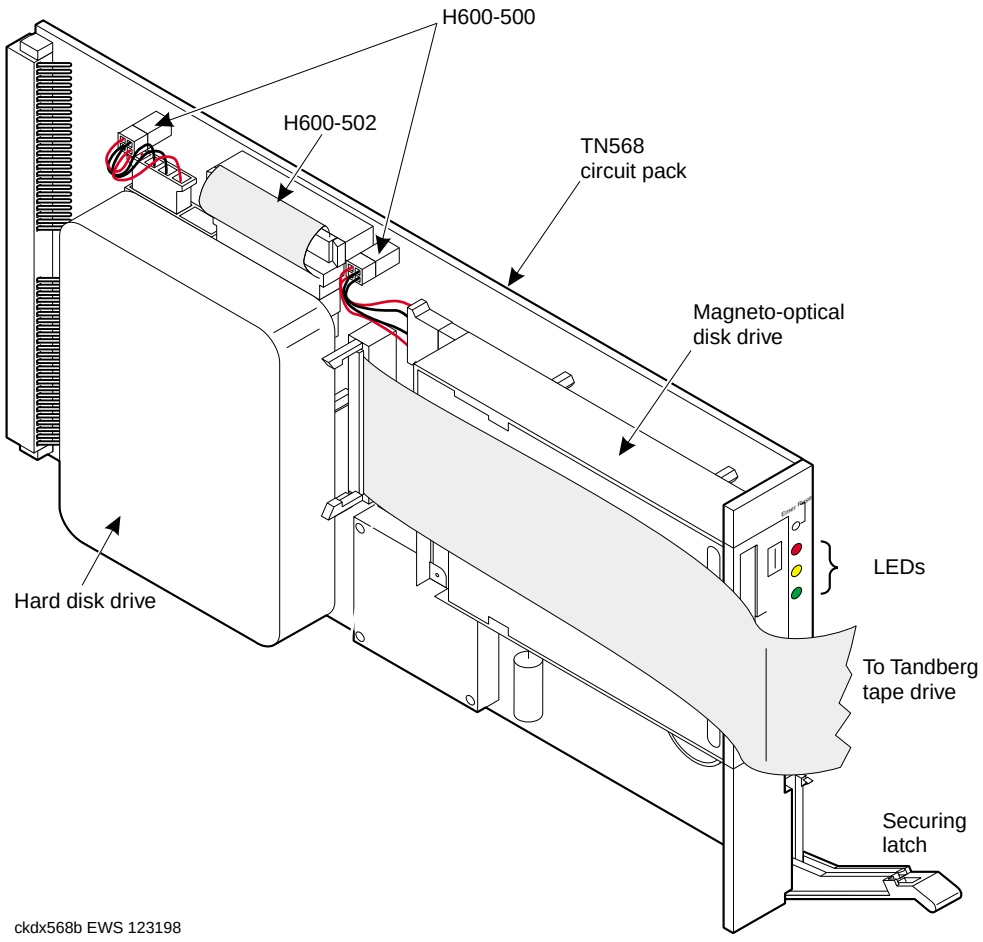


Figure: SCSI Cable Routing



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 page 100.
    - 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:

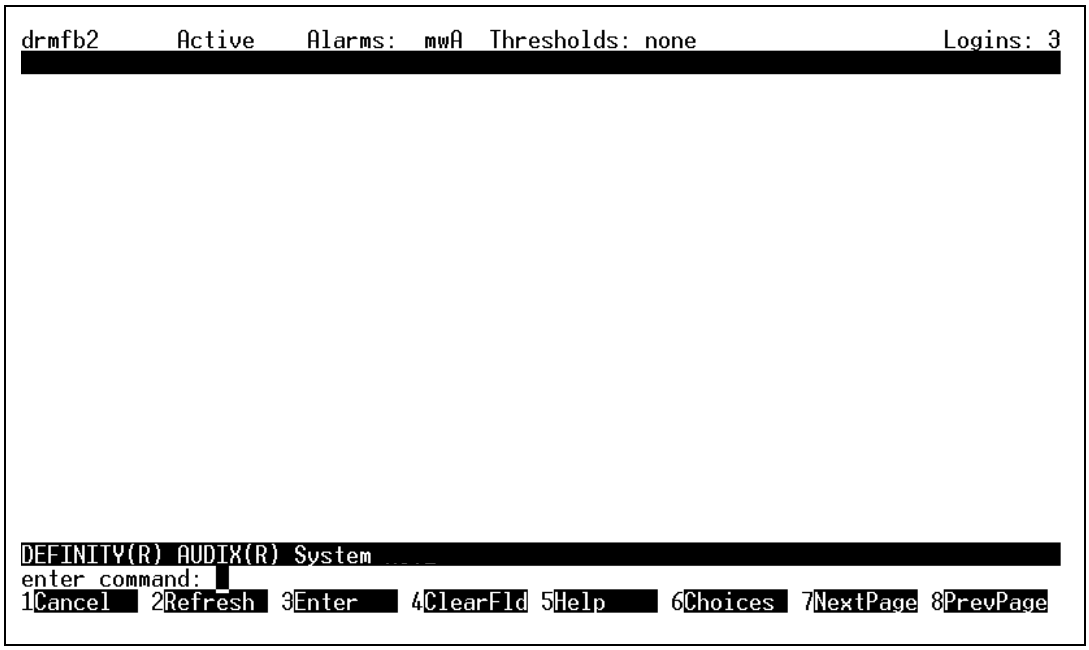
    ```
    Shutdown complete
    ```

22. Remove the DEFINITY AUDIX from the switch, remove the short cable, and reinstall the tape drive.

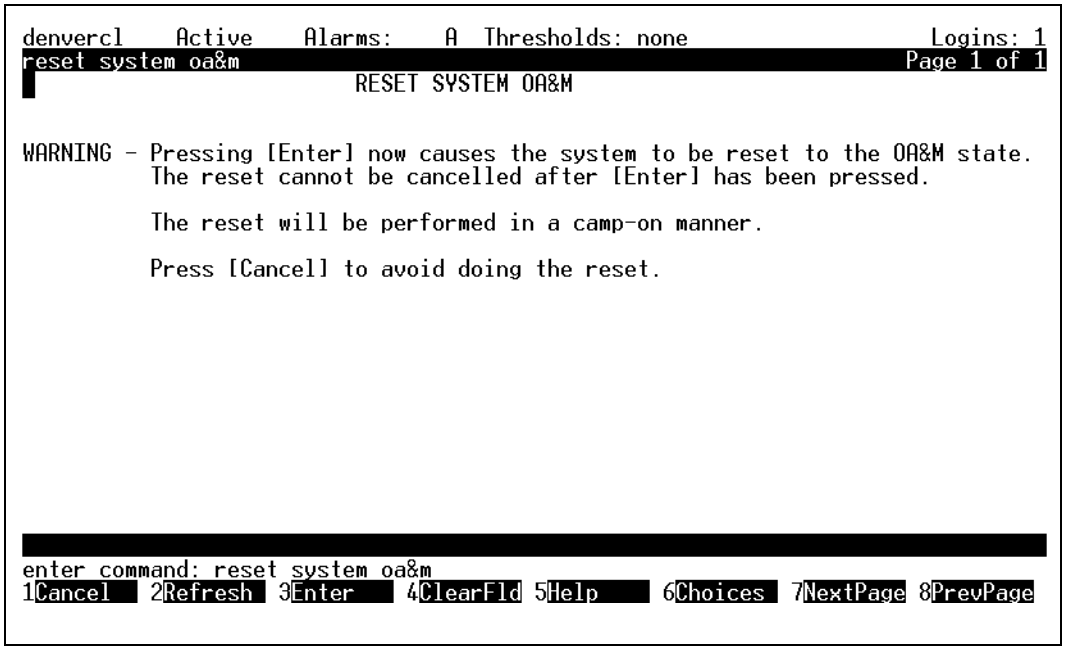
23. Reassemble the DEFINITY AUDIX migration kit.

24. Return to the procedures checklist.

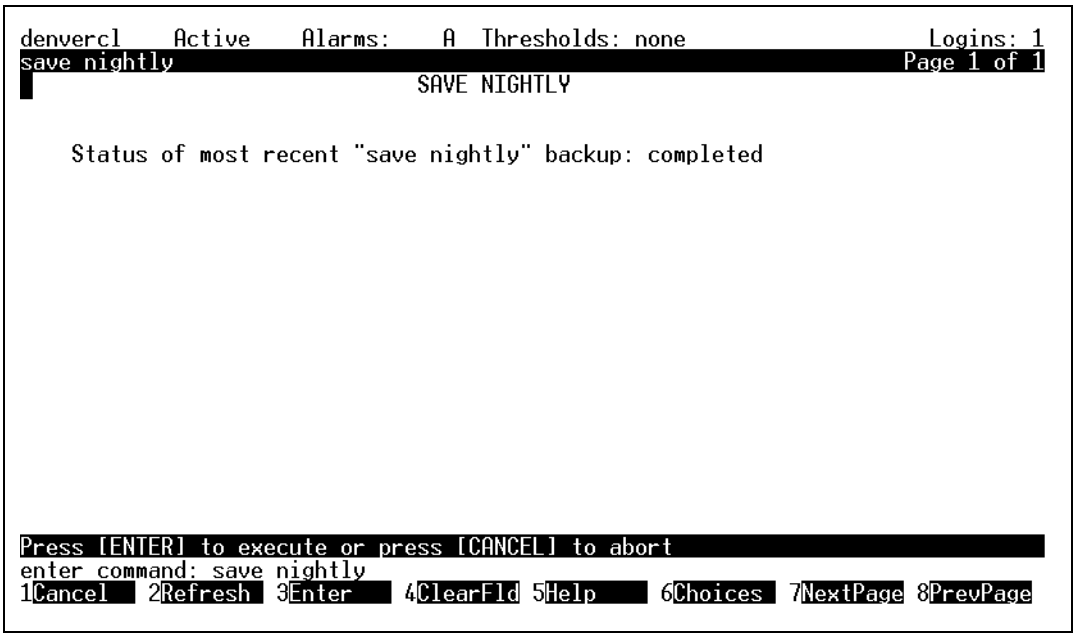
DEFINITY AUDIX Command Prompt Screen



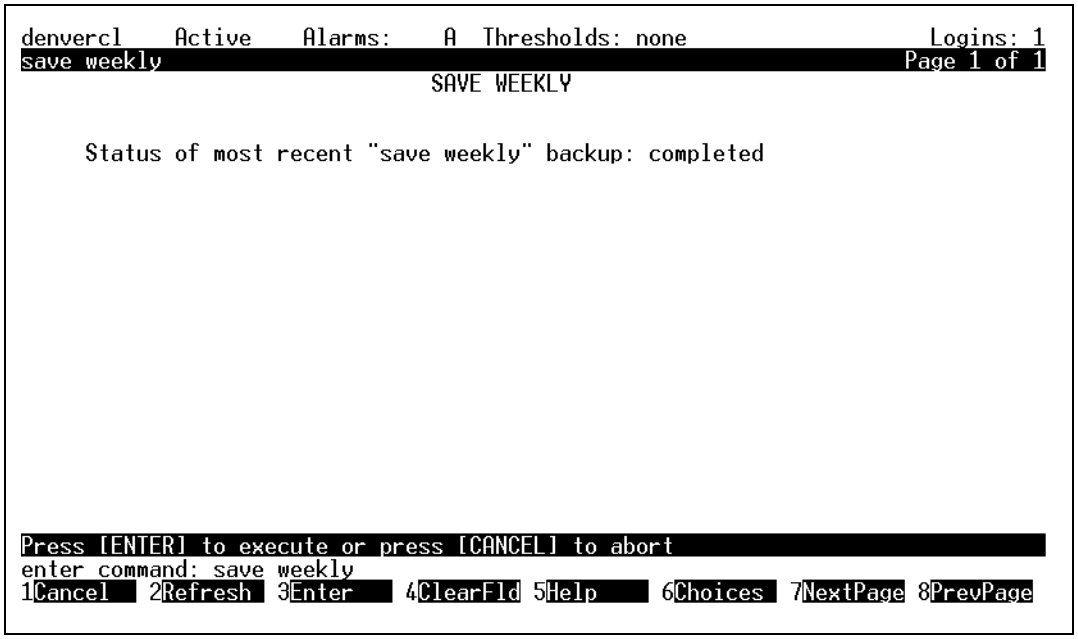
Reset System OA&M Screen



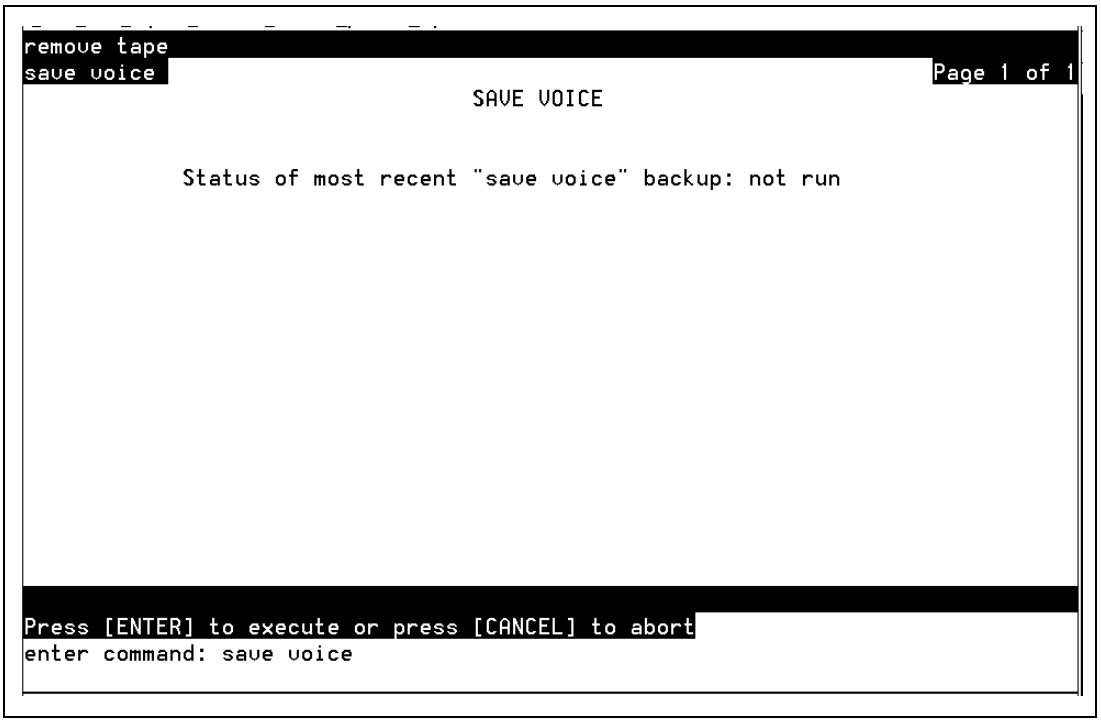
Save Nightly Screen



Save Weekly Screen



Save Voice Screen



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 Avaya 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.

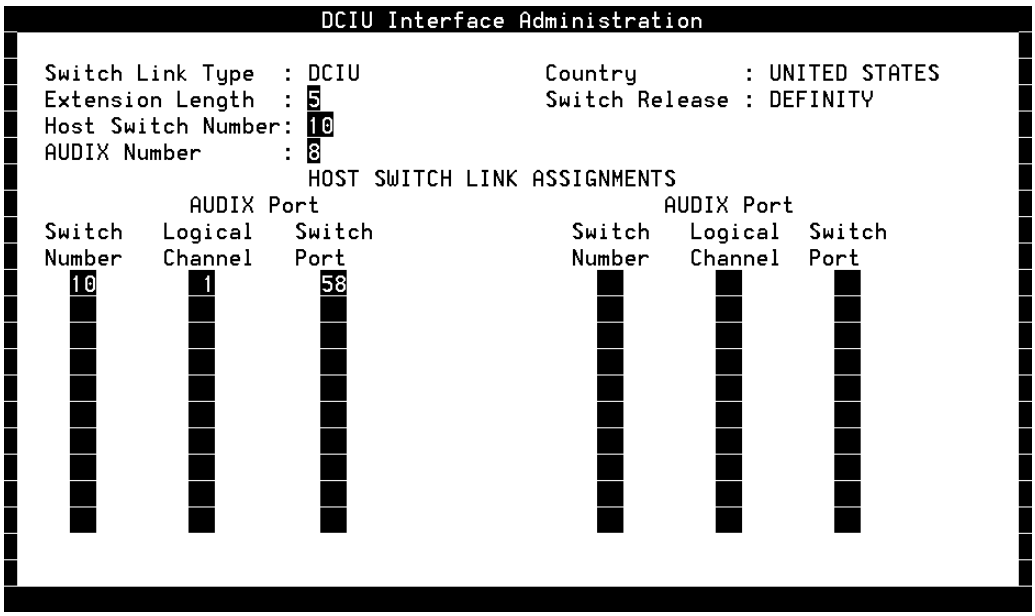
3. Press F3 (Save) to save the extension length change.

   The system displays the following message:

   command successfully completed

4. Press F6 (Cancel) to return to the Avaya Intuity main menu.
5. Return to the procedures checklist.

DCIU Interface Administration Screen



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 Avaya 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, then go to MAP/5P Responses (page 111).
   - If the system is a MAP/40P or MAP/100P, then go to MAP/40P or MAP/100P Responses (page 112).

MAP/5P Responses

CAUTION:
Only use this procedure if you are migrating to a MAP/5P. Otherwise, go to MAP/40P or MAP/100P Responses (page 112) and follow that procedure.

If you are transferring the data to a MAP/5P, 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. See Protecting Against ESD Damage for more information.

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. Place the dress cover lock on the back of the MAP/5P in the open position.

6. Simultaneously compress the dress cover latches on either side of the front of the MAP/5P.

7. Slide the dress cover away from the MAP/5P.

8. Remove the SCSI interface circuit card from the reusable migration kit and from the static-reducing bag.

   See SCSI Interface Circuit Card (page 122).

9. Remove the screw retaining the slot cover from PCI slot 1.

10. Install the SCSI interface card in PCI slot 1.

    Note:
    The SCSI interface card must be installed in PCI slot 1. If an existing card is in this slot, move it to another slot.

    See MAP/5P PCI Slot Location (page 123).

11. 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.

12. Continue with Connecting the External Tape Drive (page 113).

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 113).

Connecting the External Tape Drive

WARNING:
Damage from electrostatic discharge is possible. See Protecting Against ESD Damage for more information.

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 124) or MAP/100P SCSI Connection (Front of System) (page 125).
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 System (page 126).
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 113).

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 Avaya 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 Avaya 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).

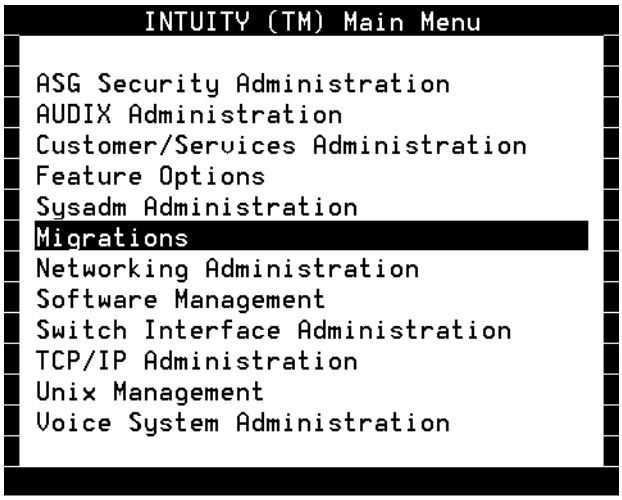
   The system display the following message:

   command successfully completed

   The cursor returns to the command line.

4. Return to the procedures checklist.

Avaya 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

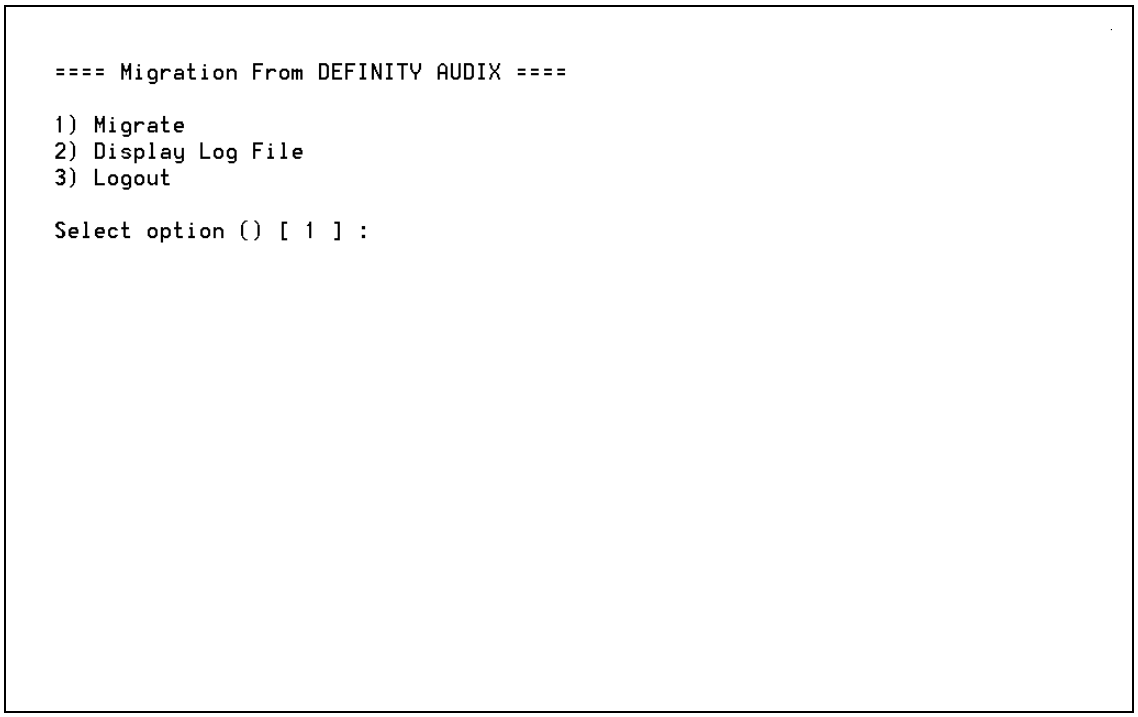


Figure: SCSI Interface Circuit Card

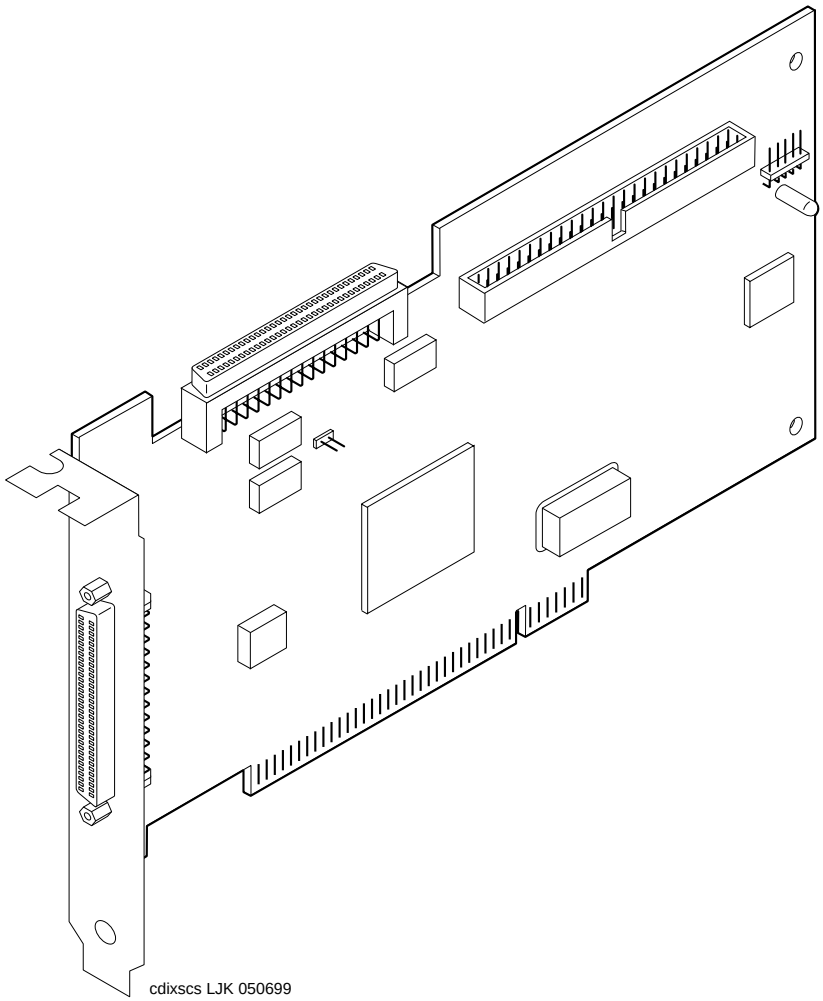
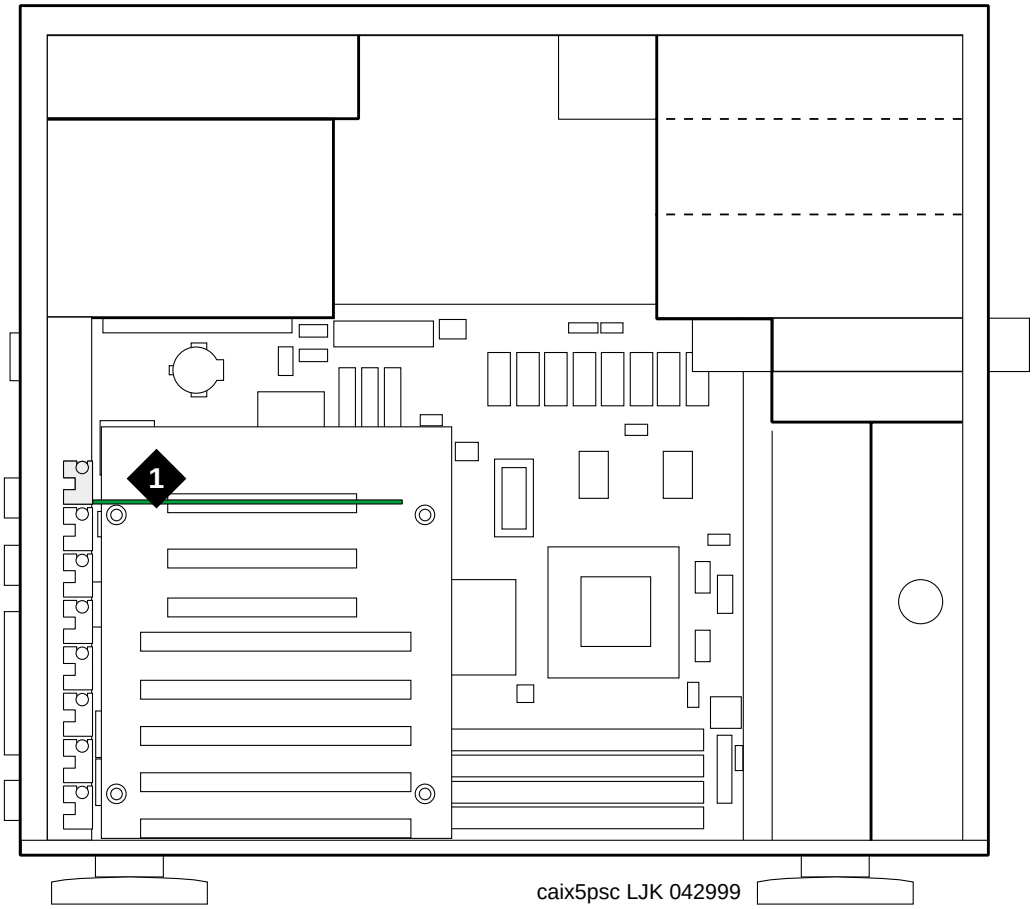
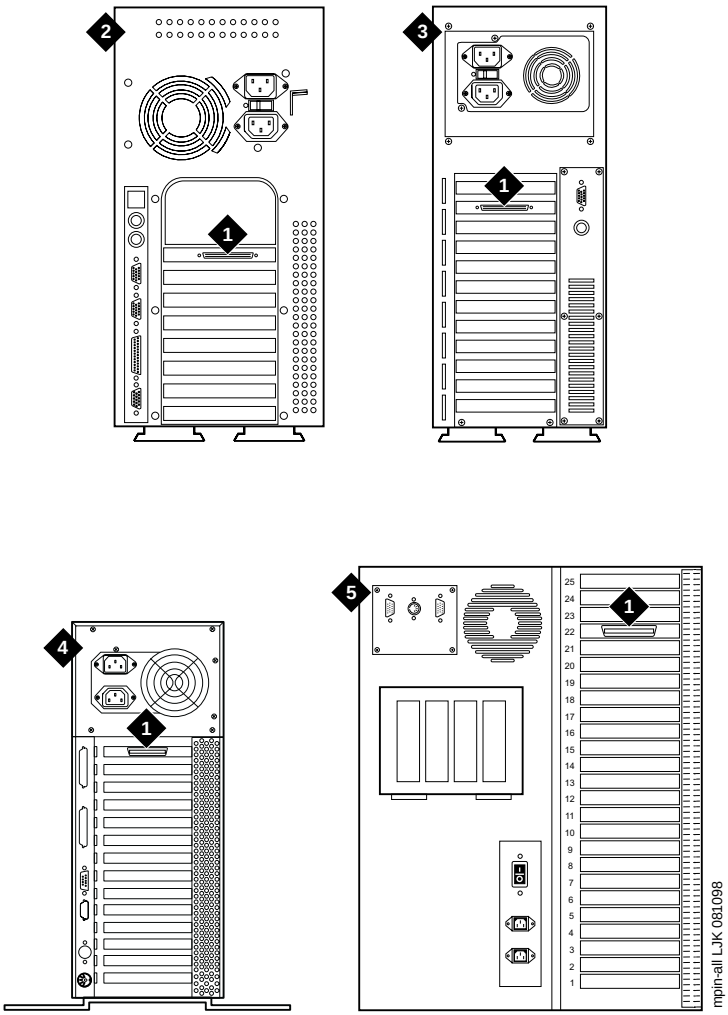


Figure: MAP/5P PCI Slot Location



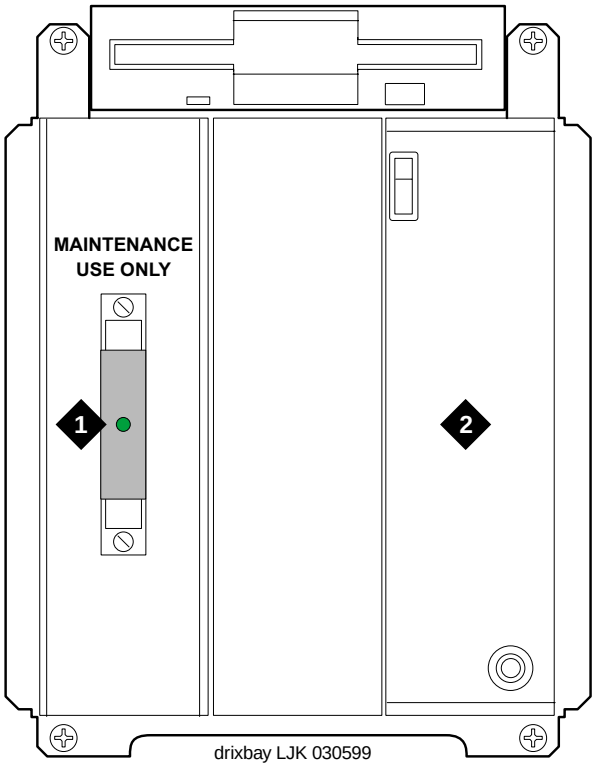
1 PCI slot 1

Figure: MAPs and SCSI Port Locations



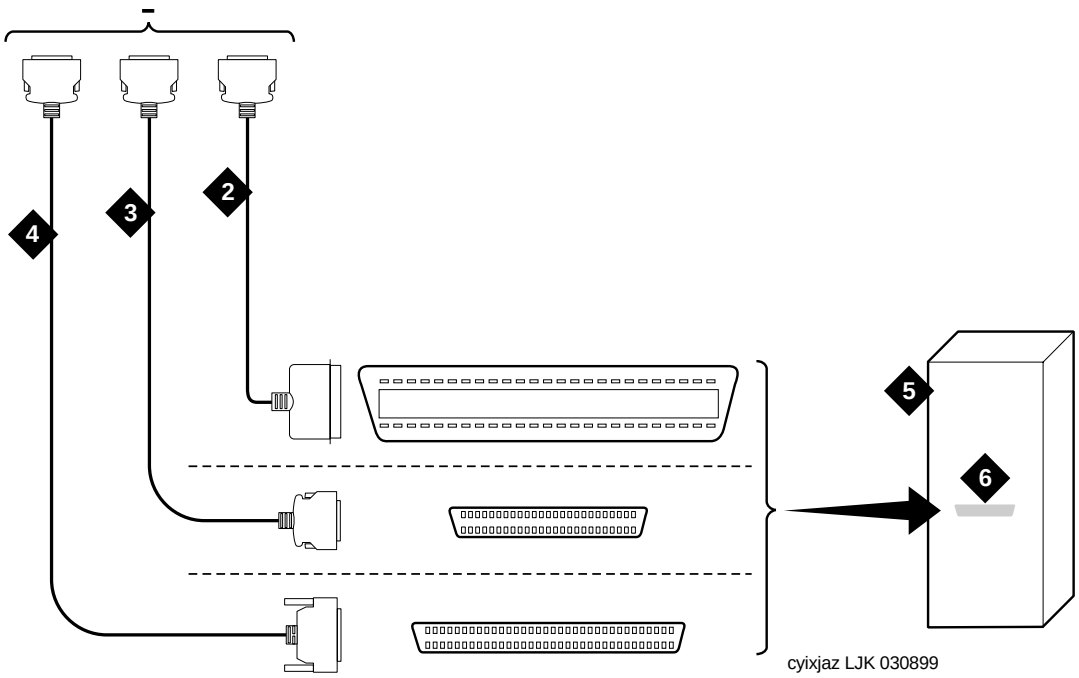
1 SCSI Port
2 MAP/5P
3 MAP/40
4 MAP/40P
5 MAP/100

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



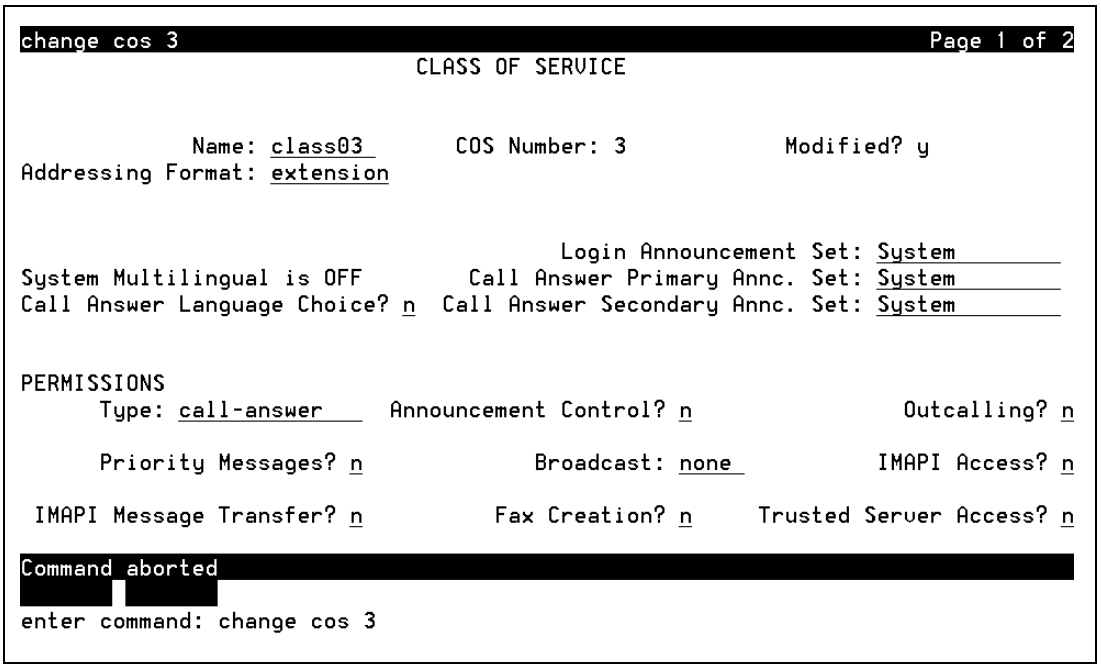
1 SCSI terminator
2 Tape drive

Figure: SCSI Cables for the Intuity System



3 SCSI 2 to SCSI 1 Cable
4 SCSI 2 to SCSI 2 Cable
5 SCSI 2 to SCSI 3 Cable
6 Intuity system
7 SCSI Port

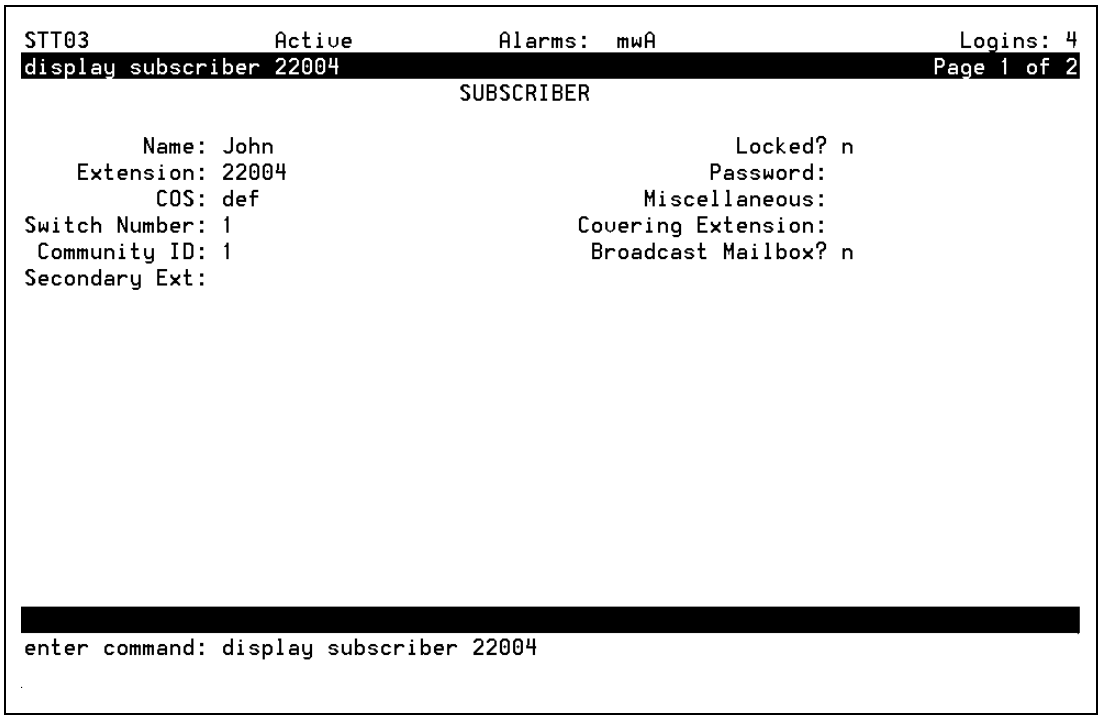
Class of Service Screen, page 1



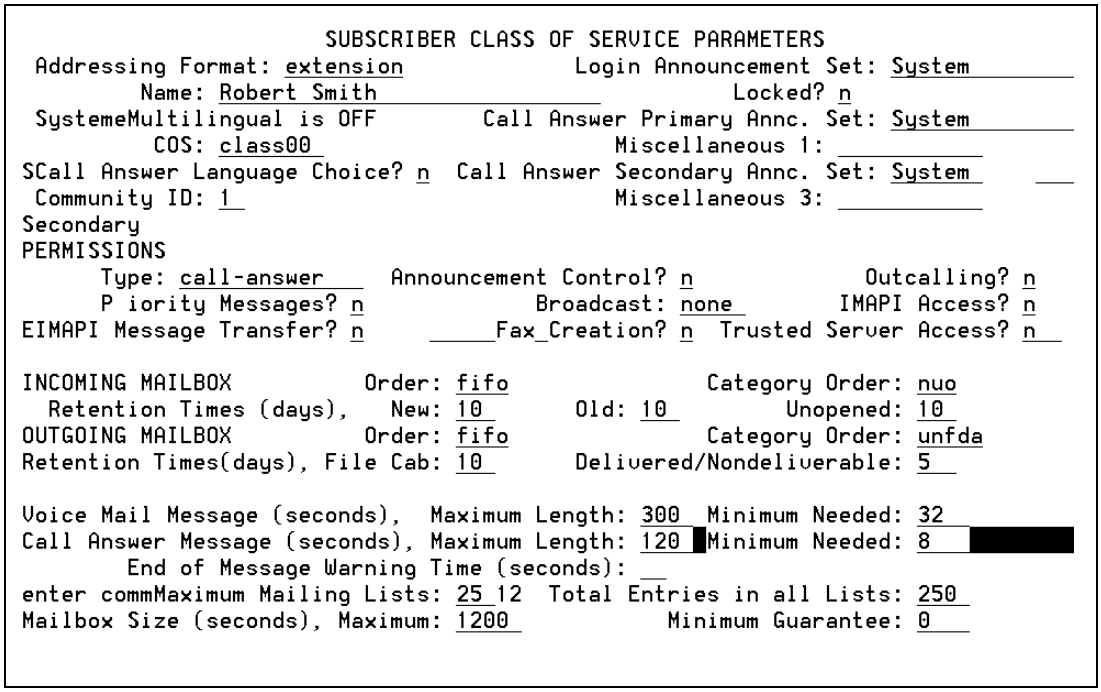
Class of Service Screen, page 2

```
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
```

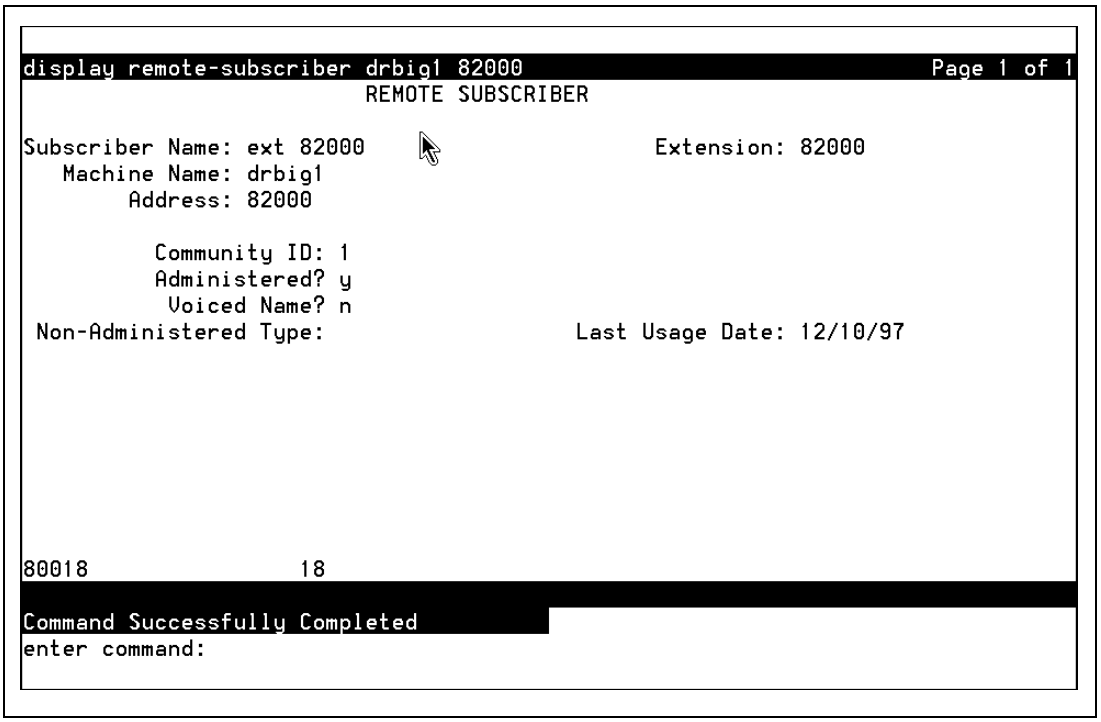
Subscriber Screen



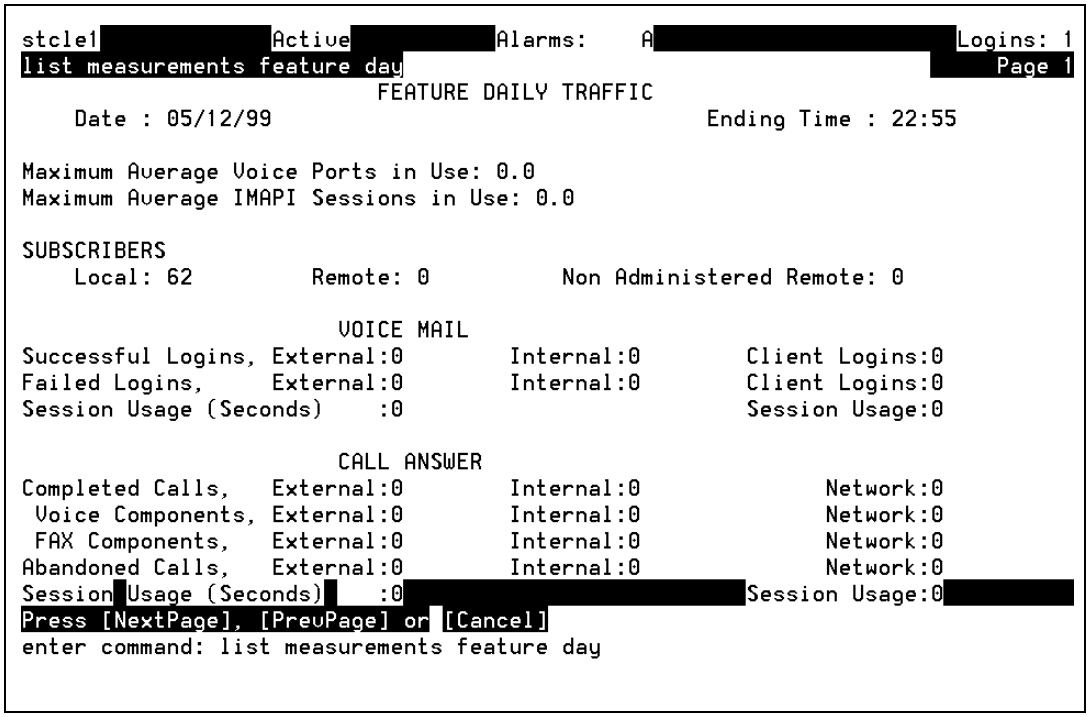
Subscriber Class of Service Parameters Screen



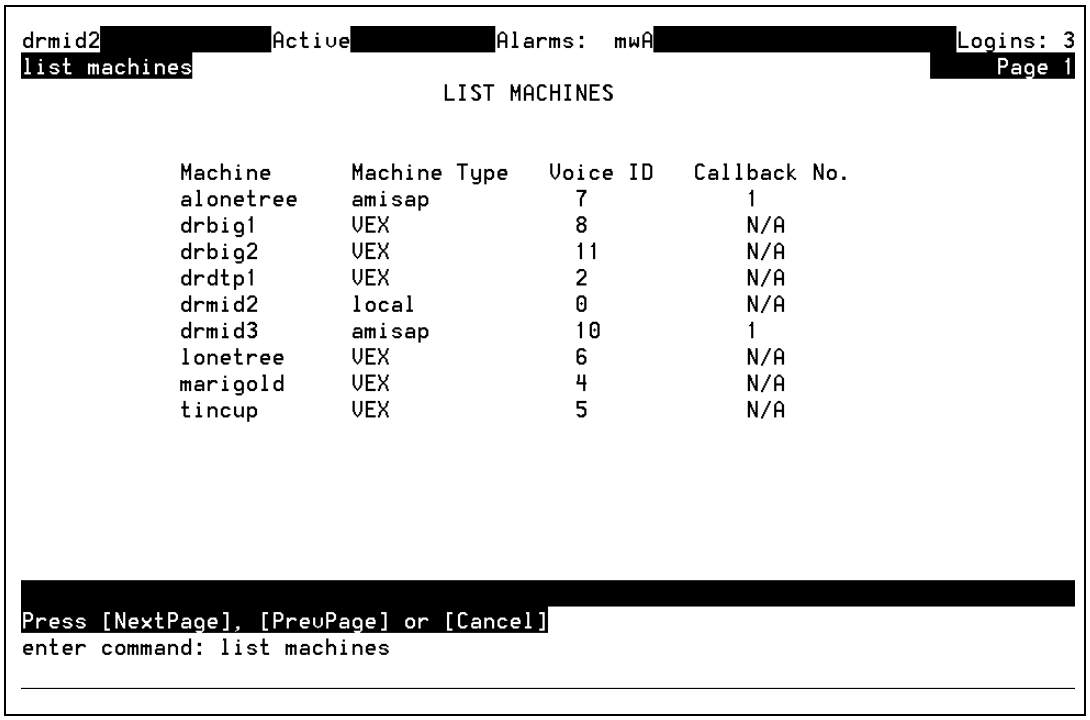
Remote Subscriber Screen



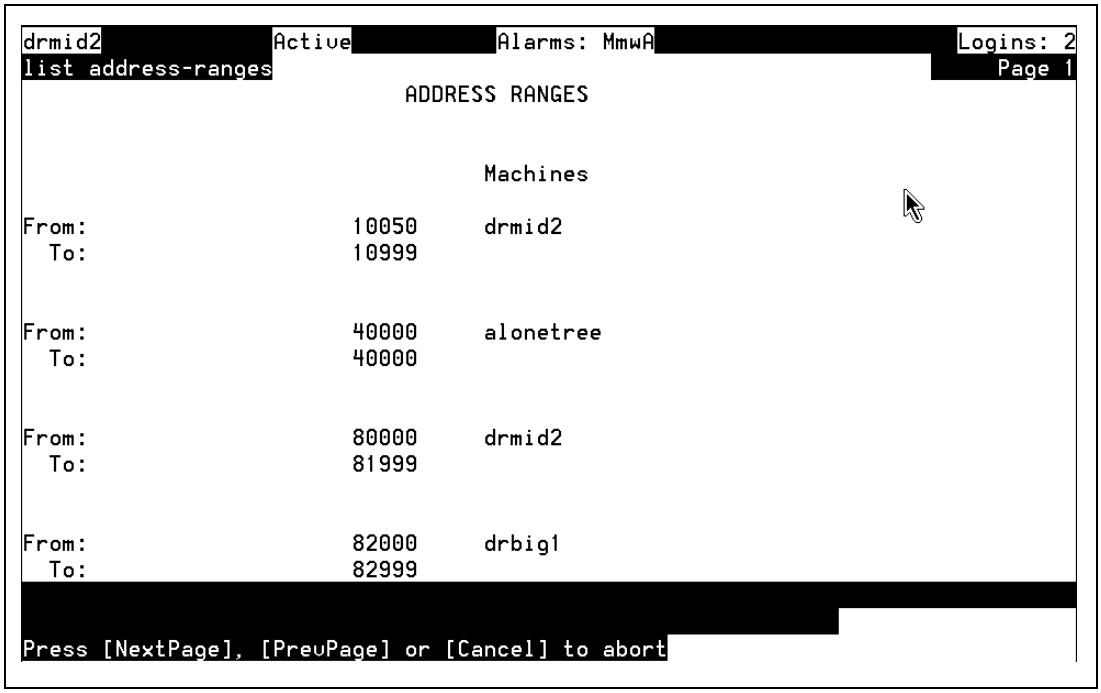
Feature Daily Traffic Screen



List Machines Screen



List Address Ranges Screen



Removing the SCSI Interface Card

WARNING:
Damage from electrostatic discharge is possible. See Protecting Against ESD Damage for more information.

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

To remove the SCSI interface card:

1. Start at the Avaya Intuity Main Menu and select:

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

   The system displays the Wait Time Window (page 136).

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 xv).

5. Remove the tape drive cable.
6. Remove the screw retaining the SCSI interface card in PCI slot 1.
7. Remove the SCSI interface card in PCI slot 1 by gently pulling on each corner.
8. Replace the SCSI interface card in the static-reducing bag.
9. Replace the tape drive and the SCSI interface card in the reusable migration kit.
10. Install the slot cover and retaining screw. Tighten the circuit card retaining screw.
11. Align the dress cover with the front of the MAP/5P chassis.
12. Slide the dress cover towards the back of the chassis until it locks into place.
13. Close the dress cover lock on the back of the MAP/5P chassis.
14. Restore power to the system.
15. Return to the Migration Checklist (page 74).

Wait Time Window

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 Avaya 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 Avaya 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 74).

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 137).
   - If the DEFINITY AUDIX system was in Display Set (DS) mode, install the customer's hardware in the switch. Go to Chapter 2 Planning. Follow the steps in that chapter. Then go to Administering for the Switch (page 139).

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 R5 Documentation CD, then click the correct circuit card link.

5. Turn on the Avaya Intuity machine. 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 139).

Administering for the Switch

To complete administration for the switch:

Description	Reference
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. Do the following: ▪ Identify each subscriber's station as a 2500 station with the LWC Reception field set to **AUDIX**, LWC activation set to **y**, and Redirect Notification set to **y**. See the sample subscriber station screen. ▪ Change the hunt group for the voice ports so that the Message Center name is **AUDIX**, instead of **none**. See the sample hunt group screen.	Chapter 3 of either Avaya Intuity switch integration procedure: ▪ System 75 ▪ System 85
2. Add the Intuity AUDIX voice ports to the hunt group. Subscribers can then call the same phone number on the Avaya Intuity system that they used for the DEFINITY AUDIX system. **Note:** 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.	
3. Administer the data link if the DEFINITY AUDIX was in DS Mode.	

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. 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 readministration either by you or the Remote Support Center.

To check the switch link parameters:

1. Start at the Intuity AUDIX 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 144).

2. Compare the contents of this screen to the information on the Switch Link DCIU-SCI Screen (page 145) 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 140)
- Releasing the Data Link on a G2 Switch (page 141)

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 Avaya Intuity 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 141).

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 141).

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 Avaya Intuity 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 R5 Documentation CD. Click the link for each feature that the customer has purchased.

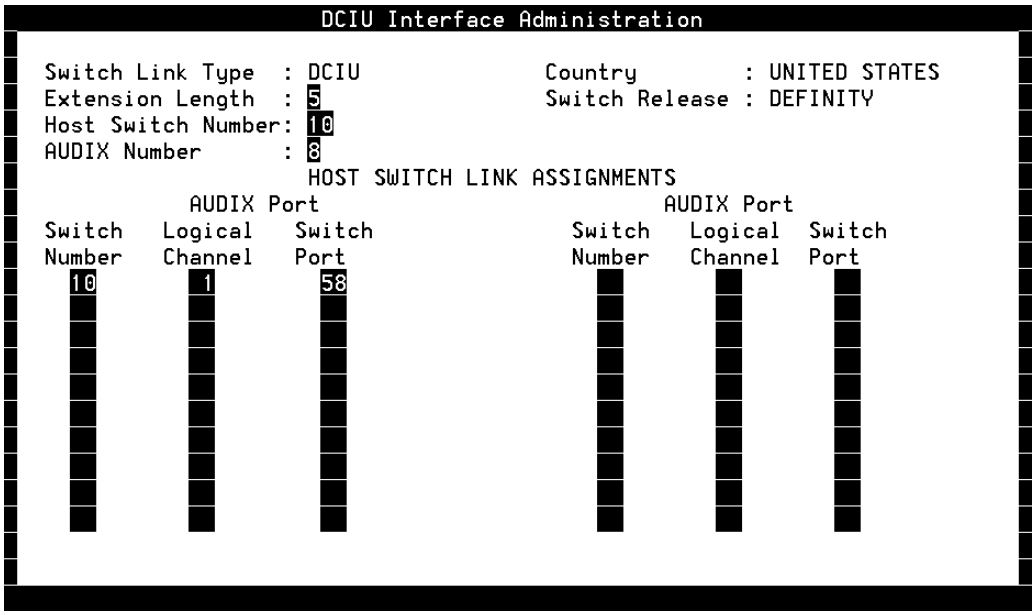
Sample Subscriber Station Screen

```
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
```

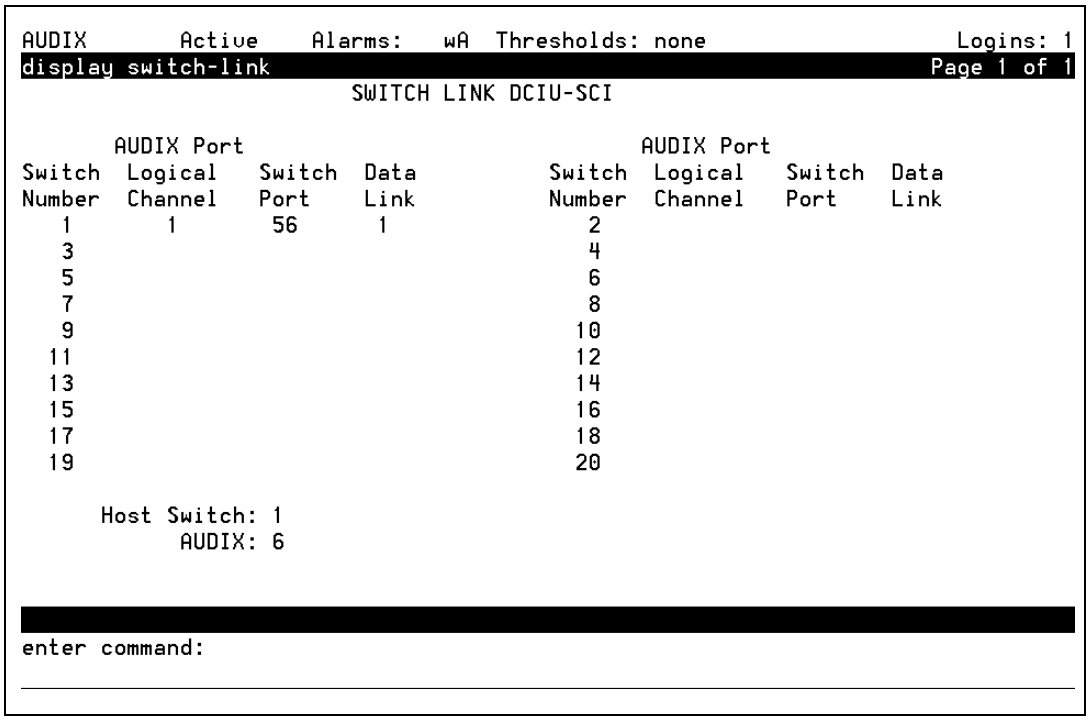
Sample Hunt Group Screen

```
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): ___
```

DCIU Interface Administration Window



Switch Link DCIU-SCI Screen



Migrating from AUDIX Voice Power to Avaya Intuity AUDIX

This file lists the tasks required to migrate the data from any one of the following AUDIX Voice Power releases to the Avaya Intuity system:

- Release 2.0
- Release 2.1
- Release 2.1.1 (also available from Integrated Solutions III)
- Release 3

The tasks are grouped into these general areas:

- Preparing for the migration (page 148)
- Migrating the data (page 148)
- Completing the migration (page 148)

Migration Checklist

To migrate from an AUDIX Voice Power system to the Avaya Intuity system:

Area	Task
Preparing for the migration	1. Gathering Materials and Information (page 149) you need.
	2. Verifying with the Customer (page 149) his responsibility to make the administrative changes required for the migration.
	3. Recording the AUDIX Voice Power Profile (page 150).
	4. Installing the Migration Software (page 154).
Migrating the data	5. Installing the Switch Integration Circuit Card (page 160).
	6. Administering the Avaya Intuity Voice Ports (page 161).
	7. Backing Up the AUDIX Voice Power Data (page 161).
	8. Preadministering the Avaya Intuity System (page 165).
	9. Running the Data Transfer (page 167).
	10. Checking the Log File (page 170).
	11. Verifying the Data Transfer (page 172).
Completing the migration	12. Removing the Migration Software (page 188).
	13. Administering the Automated Attendants (page 189).
	14. Administering for the Switch (page 190). **Note:** Use the same extension for the Avaya Intuity hunt group and the Digital Communications Protocol (DCP) extension for the AUDIX Voice Power system. subscribers can then use the same telephone number to dial in to the Avaya Intuity system as they used with the AUDIX Voice Power system. This also avoids subscriber coverage path readministration.

Gathering Materials and Information

You need the following items to successfully migrate from an AUDIX Voice Power system to the Avaya Intuity system:

- The latest Intuity AUDIX software CD-ROM
- AUDIX Voice Power backup software diskette
- Migration checklist
- Avaya Intuity hardware
- A 3.5-inch 1.44-MB diskette
- These additional documentation resources:
  - This Avaya Intuity AUDIX documentation CD-ROM
  - The installation book for the customer's switch

Verifying with the Customer

Verify that the customer understands the following:

- Subscriber stations on the AUDIX Voice Power system can vary in extension lengths from 3 to 5 digits. However, the Intuity AUDIX allows one extension length.
- Subscriber names with suffixes such as Jr., Sr., III, or Dr. must be corrected after the transfer.

  The AUDIX Voice Power system lists subscriber's first names first, while the Avaya Intuity system lists subscriber's last names first. However, during the database conversion, suffixes are treated as part of the name. After the data transfer the suffix may appear out of proper sequence when displayed on the Avaya Intuity system.

  For example, a customer named "John W. Doe, Sr." would be become "Sr. John W. Doe". The transfer process moves any suffixes to the first position. The customer must manually correct any names that have suffixes after the transfer.

Verify that the customer has:

- Readministered the switch so that station extension lengths match the proposed extension length on the Avaya Intuity system.

  If a subscriber's extension length does not match the length defined on the Avaya Intuity system that subscriber's data does not migrate, nor can that subscriber be added to the system until the extension length is changed.

- Readministered each subscriber whose personal operator number was:

  — 0

  The subscriber's data does not migrate if the number is incorrect.

  — an extension length that is different from that specified for the Avaya Intuity system

  The subscriber cannot be added to the system until the extension length matches the Intuity AUDIX extension length.

Recording the AUDIX Voice Power Profile

The Required Profile Information (page 150) table lists the information you need from the AUDIX Voice Power system prior to beginning the migration. You can transfer this information directly to the new machine or record it and enter the information later.

Record the information listed in the table below before you begin the migration.

Table: Required Profile Information

Screen	Information Needed	Information
Voice System Administration	Release number of AUDIX Voice Power	
System Parameter Administration	Maximum extension length of the local AUDIX Voice Power system	
Subscriber Administration	Format for subscriber names	

You can find this information in one of two ways:

- From the customer's AUDIX Voice Power planning worksheets
- From the AUDIX Voice Power system administration screens

  The procedures in the next section list the steps for displaying the AUDIX Voice Power administration screens. Follow each procedure, then record the information in the Required Profile Information (page 150) table.

Displaying the AUDIX Voice Power Release Number

To display the release number:

1. Log in to the AUDIX Voice Power machine as **root**.

   Note:
   Ask the customer for the password for the root login on the AUDIX Voice Power system.

   The system displays the command line.

2. At the AUDIX Voice Power command line, enter **displaypkg**

   The system displays a list of software packages.

3. Write down the release number of the AUDIX Voice Power software package.

4. Enter **exit** to log out.

Displaying the Maximum Extension Length

To display the maximum extension length:

1. Log in to the AUDIX Voice Power system as **audix**.

   The system displays the AUDIX Voice Power main menu.

2. From the main menu, select:

   ```
   Voice System Administration
     Application Package Administration
       AUDIX Voice Power
         System Parameter Administration
   ```

   The system displays the System Parameter Administration Screen (page 153).

3. Write down number in the `Maximum Extension Length` field.

4. Press F6 (Cancel) to return to the AUDIX Voice Power menu.

Displaying the Subscriber Name Format

To display the subscriber name format:

1. Start at the AUDIX Voice power menu and select:

   `Subscriber Administration`

   The system displays the Subscriber Administration Screen (page 154).

2. Press F8 (Change Keys).

   The system displays the alternate set of function keys.

3. Press F3 (Display Menu Options).

   The system displays the Options menu.

4. Select `Display.`

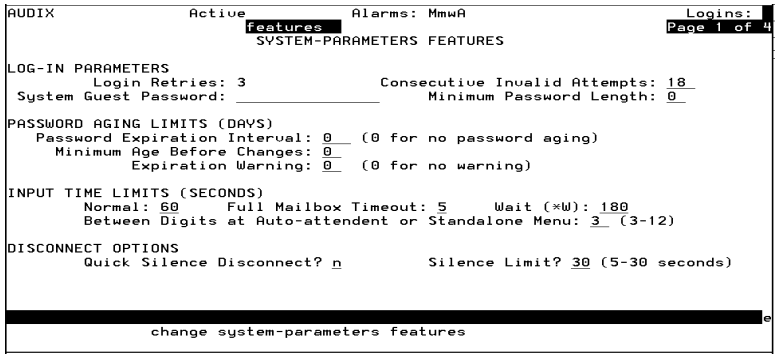
   The system displays the subscriber names.

5. Write down whether subscriber names are listed with first name first, first name last, or either way. If both methods are used, determine which is used most frequently.

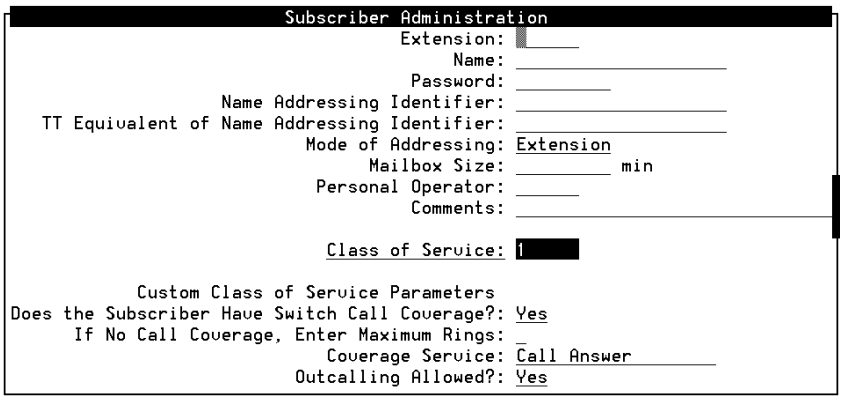
6. Press F6 (Cancel) until you log out of the AUDIX Voice Power system.

7. Return to the procedures checklist.

System Parameter Administration Screen



Subscriber Administration Screen



Installing the Migration Software

To load migration software onto the Avaya Intuity system:

1. Log on to the system using the *craft* login.

2. Insert the most recent Intuity AUDIX R5 software CD-ROM in the Avaya Intuity system's CD-ROM drive.

3. Start at the Avaya Intuity Main Menu (page 157) and select:

   ```
   Software Management
     Software Installation
       CD
   ```

   The system displays the Software Install Screen, Page 1 (page 159).

   Note:
   If you did not complete the backup, the system displays the Backup Warning Screen (page 158).

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 160).

   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.

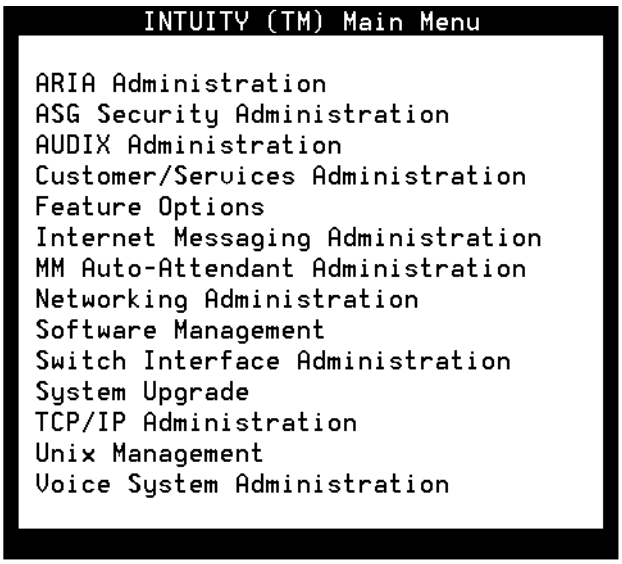
12. Remove the Intuity AUDIX R5 software CD-ROM from the CD-ROM drive.

13. When the system has restarted, log in to the Avaya Intuity system using *craft*.

    Note:
    The system will not display the Migration menu option on the Avaya 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.

Avaya 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
```

Installing the Switch Integration Circuit Card

An AUDIX Voice Power system does not require a BX.25 data link to the switch. However, for the Intuity AUDIX Release 5.1 to communicate with the switch, a LAN or other type of integration circuit card must be installed in the switch. Install this circuit card sometime before the migration is complete so that the data link will be ready when the Intuity AUDIX is ready to provide service.

A LAN integration requires installation of new hardware components in both the DEFINITY ECS system and the Avaya Intuity system, administration of the circuit cards and administration on both systems. For illustrations of the cable connections, see *Intuity Messaging Solutions Getting Connected,* 585-313-703.

For more information on installing the TN799 LAN integration circuit card in the DEFINITY ECS system and administration of the LAN integration, see the documentation for the switch.

To install and administer a LAN integration:

1. Install the LAN circuit card in the Intuity AUDIX.
2. Follow the procedures in Administering the Avaya Intuity for LAN Integration with DEFINITY ECS.
3. Continue with Administering the Avaya Intuity Voice Ports (page 161).

Administering the Avaya Intuity Voice Ports

Administer the Avaya Intuity system voice ports for the switch as you would with a new installation. See the installation book for the customer's switch and Administering Channels for more information.

When you administer the voice ports, do one of the following:

- If the customer wants to administer automated attendants on the Avaya Intuity system before activating the system, create a new Avaya Intuity hunt group, with a new extension number, and assign the voice ports to this hunt group.

  Note:
  After administering and testing the automated attendant and completing the data transfer, you must assign the AUDIX Voice Power extension to the Avaya Intuity hunt group.

- If the customer wants to administer automated attendants after the migration is complete, administer the automated attendants, and then create a new Avaya Intuity hunt group.

Backing Up the AUDIX Voice Power Data

There are two ways to back up the AUDIX Voice Power data:

- Using the Backup Software (page 162)

  Use this method if you have a diskette labeled "AUDIX Voice Power Backup Software R1.0 for Intuity AUDIX Migration".

- Backing Up from the Command Line (page 164)

  Use this method if there is no backup software diskette. The backup is taken using software previously loaded on the system.

Both methods require that you provide a blank diskette to store the backup data.

Using the Backup Software

Use this procedure to back up AUDIX Voice Power data if you have the backup software.

To back up the data:

1. Label the blank diskette as "AUDIX Voice Power migration data" and add the current date.
2. Log in to the AUDIX Voice Power system as **root**.

   The system displays the command line.
3. Insert the diskette labeled “AUDIX Voice Power Backup Software R1.0 for Intuity AUDIX Migration”. This diskette is shipped with the other Intuity AUDIX software.
4. Enter **installpkg**

   The system displays the following message:

   ```
   Confirm
   Please indicate the installation medium you
   intend to use.

   Strike “C” to install from CARTRIDGE TAPE
   or “F” to install from FLOPPY DISKETTE.

   Strike ESC to stop.
   ```
5. Enter **F**

   The system displays the following message:

   ```
   Confirm.
   Please insert the floppy disk.

   If the program installation requires more
   than one floppy
   disk, be sure to insert the disks in the
   proper order,
   starting with disk number 1.
   After the first floppy disk, instructions
   will be provided for inserting the remaining
   floppy disks.

   Strike ENTER when ready
   or ESC to stop.
   ```

6. Press ENTER.

   The system displays the following message:

   ```
   Installation in progress – do not remove the
   floppy disk.

   Moving files to proper directories...
   Successfully installed files.

   You may now remove the floppy disk.

   The installation of the AUDIX Voice Power
   Backup Software R1.0 for Intuity AUDIX
   Migration is now complete.
   ```

7. Remove the diskette containing the backup software and insert the blank diskette.

8. Enter **avpbackup**

   The system displays the following message:

   ```
   Press ENTER when you have inserted the
   floppy to format and put the backup on, or
   press q to quit.
   ```

9. Press ENTER.

   The system displays the following message:

   ```
   Formatting the floppy.

   Successfully formatted the floppy.

   Writing the data to the floppy.
   .
   .
   .
   /usr/vmdb/pkglist
   /usr/vmdb/pwdb
   .
   .
   .
   Successfully backed up AUDIX Voice Power
   R2.1.1 data.
   Remove and label the backup floppy then
   continue with the migration.
   ```

10. Go to the Intuity AUDIX system.

Backing Up from the Command Line

To back up the AUDIX Voice Power data without the software diskette:

1. Label the blank diskette as "AUDIX Voice Power migration data" and add the current date.
2. Log in to the AUDIX Voice Power system as **root**.

   The system displays the UNIX prompt.
3. Do one of the following:

   - If your disk is formatted, go to Step 4.
   - If your disk is unformatted, enter the following at the UNIX prompt:

     format /dev/rdsk/f03ht
4. Determine the AUDIX Voice Power release number, and then enter one of the following commands, depending on the release from which you are migrating:

   - If you are migrating from Release 3, enter:

     /avp/bin/util/sub_dump > /usr/vmdb/pwdb
     find /usr/vmdb -print | cpio -ocvBud > /dev/rdsk/f0
   - If you are migrating from Release 2.0, 2.1, or 2.1.1, enter:

     find /usr/vmdb /usr/ocdb -print | cpio -ocvBud > /dev/rdsk/f0

   The system backs up the subscriber information from the AUDIX Voice Power system onto the diskette.
5. Wait for the light on the diskette drive on the AUDIX Voice Power system to go out.
6. Remove the diskette from the drive.
7. Go to the Intuity AUDIX system.

Preadministering the Avaya Intuity System

Before you transfer data from the AUDIX Voice Power system to the Avaya Intuity system, you must ensure that the Avaya Intuity system is administered to match the AUDIX Voice Power system for the following:

- Extension length
- Range of extensions
- Outcalling

Preadministering the Extension Length

To preadminster the Avaya Intuity extension length:

1. Log in to the Avaya Intuity system using **craft**.

   The system displays the Avaya Intuity Main Menu (page 175).

2. From the Avaya Intuity main menu, select

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

   The system displays the DCIU Interface Administration Screen (page 176).

3. Determine whether the `Extension Length:` field on the DCIU Interface Administration screen on the Intuity AUDIX system and the `Maximum Extension Length:` field on the AUDIX Voice Power System Administration screen are the same.

4. If the extension lengths match, press F6 (Cancel) and go to Step 6.

   If the extension lengths do not match, press the TAB key to move the cursor to the `Extension Length` field. Enter the extension length shown on the AUDIX Voice Power system.

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

   The system displays the Update DCIU Output screen with the following message:

   ```
   Update Successful
   ```

6. Press F6 (Cancel) to return to the DCIU Interface Administration Screen (page 176).

7. Restart the voice system.

8. Press F6 (Cancel) to return to the Avaya Intuity Main Menu (page 175).

Preadministering the Range of Extensions

To preadminster the Avaya Intuity range of extensions:

1. From the Avaya Intuity Main Menu (page 175), select `AUDIX Administration`

   The system displays the AUDIX Command Prompt screen.

2. Enter **change machine**

   Note:
   Since you do not enter a machine name, the system automatically selects the local machine.

   The system displays the Machine Profile Screen (page 177).

3. Verify that the `Start Ext.` and `End Ext.` fields contain a number of digits that is equal to the extension length. If the `Start Ext.` and `End Ext.` fields do not have the correct number of digits, type the correct number of 0s in the `Start Ext.` field and the correct number of 9s in the `End Ext.` field.

   For example, if the extension length is 5, the `Start Ext.` column should contain five 0s (for example, 00000) and the `End Ext.` column should contain five 9s (for example, 99999).

4. Press F3 (Enter) to save the new start and end extensions.

   The system displays the following message:

   ```
   command successfully completed
   ```

   The cursor returns to the command line.

Preadministering Outcalling

To preadminster the Avaya Intuity outcalling fields:

1. Enter **ch sy o**

   The system displays the System-Parameters Outcalling Screen (page 178).

2. Press the TAB key to move the cursor to the `Outcalling Active?` field.

3. Do the following:
   - If this field contains a y, go to Step 5.
   - If this field does not contain a y, enter **y**
4. Press F3 (Save).

   The system displays the following message:

   ```
   command successfully completed
   ```

   The cursor returns to the command line.
5. Enter **exit**

   The system displays the Avaya Intuity Main Menu (page 175).

Running the Data Transfer

Run the data transfer to move AUDIX Voice Power subscriber data to the Avaya Intuity system. The time it takes for the transfer of data varies, depending on the number of subscribers whose data is being transferred.

To run the data transfer:

1. From the Avaya Intuity Main Menu (page 175), select:

   ```
   Migrations
   ```

   The system displays the Migration Menu (page 179).
2. Enter **2**

   The system displays the following message:

   ```
   Migrating to Intuity AUDIX R5.0
   Press Enter to continue. . .
   ```
3. Press ENTER.

   The system displays the Migration From AVP Menu (page 180).
4. Insert the AVP backup diskette into the diskette drive.
5. Enter **1**

   The system displays the following message:

   ```
   COS () [ 0 ] :
   ```

6. Enter the default class of service number for each subscriber.

   The system displays the following message:

   ```
   Switch Number () [ 0 ] :
   ```

7. Enter the host switch number as defined on the Intuity AUDIX DCIU Interface Administration screen (page 181).

   The system displays the following message:

   ```
   Community ID () [ 1 ] : 1
   ```

8. Enter the default community ID (community sending restrictions) for the migrated subscribers.

   The system displays the following message:

   ```
   Software Release (2.0 2.1 2.1.1 3.0) [ 2.0 ]
   :
   ```

9. Enter the release number for the customer's AUDIX Voice Power system.

   The system displays the following message:

   ```
   default subscriber password () [  ]:
   ```

10. Enter the default password.

    CAUTION:
    Use a default password such as "1" or the migration may fail. This password is shorter than the standard password, so subscribers are forced to change their password at their first login. The password also meets security guidelines.

    Default passwords schemes that cannot be used include repeated digits ("1111") or consecutive digits ("1234"). These restrictions reduce toll fraud.

    The system displays the following message:

    ```
    Please re-enter password.
    ```

11. Reenter the default password.

    The system displays the following message:

    ```
    What format is used for subscriber names on
    the AVP backup disk?

    1) last name first
    2) first name first
    enter a number: (1 2)[ 1 ]:
    ```

12. Enter the number corresponding to the customer's AUDIX Voice Power subscriber-naming format.

    The system displays the following message.

    ```
    Are these values correct? (y n) [ n ]
    ```

13. Enter **y**

    The system displays the following message:

    ```
    Insert the floppy disk with the AUDIX Voice
    Power backup on it.

    Press ENTER when the floppy is inserted.
    Press enter to continue...
    ```

14. Press ENTER.

    The system retrieves the data and displays the following message:

    ```
    Migration Completed. Check Error Log (Option
    2) for errors.

    Press enter to continue ...
    ```

15. Press ENTER.

    The system displays the Migration From AVP Menu (page 180).

Checking the Log File

Check the log file to read any additional error messages that may have appeared during the data transfer and to determine how many of the subscribers were transferred. This procedure also includes connecting a printer so that you can retain the list of subscribers that did not migrate.

1. From the Migration From AVP Menu (page 180), select **2**

   The system displays the Log File.

2. To verify that all data transferred, scroll through the file by pressing ENTER.

3. Make note of the telephone numbers that begin each log file record and the associated error codes.

   Note:
   If the log file contains an error, check the Common Migration Error Codes for the AUDIX Voice Power Migration (page 170) table for description of the problem. For a complete list and description of each code, see Migration Error Codes. For a list and description of the field names, go to Migration Field Descriptions.

Table: Common Migration Error Codes for the AUDIX Voice Power Migration

Code	Description
6	Bad data. Values are outside the permitted range.
61	Extension lengths for the AUDIX Voice Power system and the Avaya Intuity system do not match.
1023	A value is out of range.
1025	The extension already exists in the Avaya Intuity system.
bad field	Quotation marks appear in a subscriber's data.

Note:
To exit the log file before you reach the end, enter **q** at the colon (:).

4. Press ENTER twice.

   The system displays the Migration From AVP Menu (page 180).

5. Enter **3** to exit the Migration from AVP menu.

   The system displays the Migration Menu (page 179).

6. Connect any of the following printers to your Avaya Intuity system terminal using the appropriate port for your parallel or serial printer:

   - AT&T 570 series of terminals
   - AT&T 593
   - AT&T 595
   - NCR 6417

   Note:
   If you connect a serial printer to the DTE connection on a 715 terminal, you must use a null modem cable between the terminal and the printer.

7. From the Migration Menu (page 179), select **2**

   The system displays the Migration From AVP Menu (page 180).

8. Select **2**

   The system displays the log file.

9. Press ENTER repeatedly until the system displays the following message:

   ```
   To print the logfile, type p else press
   [enter] to continue.
   ```

10. Enter **p**

    - If a printer is active, the system displays the following message:

      ```
      request id is lpl-9 (1 file)

      Log file sent to printer. Press [enter]
      to continue
      ```

    - If no printer is active, the system displays the following message:

      ```
      There is no default destination printer
      set. Cannot print the logfile.

      Press [enter] to continue.
      ```

      Note:
      Administer the printer using the Printer Administration menu.

11. Determine whether to proceed with the migration:

    - If there are 10% or fewer errors, you must manually enter any missing subscribers. See Adding, Changing, and Removing Subscribers for more information.

      After entering any missing subscribers, start the voice system, then go to Verifying the Data Transfer (page 172).

    - If there are more than 10% errors, call the Remote Maintenance Center.

Verifying the Data Transfer

You must now verify that the subscriber data has transferred successfully. Check the following:

- List of subscribers
- Two class of service numbers
- Five subscriber extensions that are well-spaced throughout the range of subscribers you transferred.

Checking the List of Subscribers

To check the list of subscribers:

1. From the Avaya Intuity main menu select:

   `AUDIX Administration`

   The system displays the AUDIX Command Prompt screen.

2. Enter **li me fe da**

   The system displays the Feature Daily Traffic Screen (page 184).

3. Determine whether the number of subscribers is within 90% of the number of local subscribers on the AUDIX Voice Power system.

   - If it is more than 90%, enter the missing subscribers. See Adding, Changing, and Removing Subscribers for more information.
   - If the number is less than 90%, call the Remote Maintenance Center.

4. Press F1 (Cancel) to return to the AUDIX Administration screen.

Checking Class of Service Numbers

To check the class of service numbers:

1. Enter **di cos *cos-number*** where *cos-number* is the class of service.

   The system displays the Class of Service Screen, Page 1.

2. Verify that all of the data on the screen is correct.
3. Press F7 (Nextpage).

   The system display the Class of Service Screen, Page 2.

4. Verify that all of the data on the screen is correct. If the data is incorrect, you may need to rerun the data transfer.

   See check the log file for further information.

5. Return to Step 1 and use another class of service number.
6. 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 Subscriber Screen, Page 1.

2. Verify that all of the data on the screen is correct.
3. Press F7 (Nextpage).

   The system displays the Subscriber Class-of-Service screen.

4. Verify that all of the data on the screen is correct.
5. Return to Step 1 until you have checked four other subscribers.
6. Press F1 (Cancel) to return to the command line.

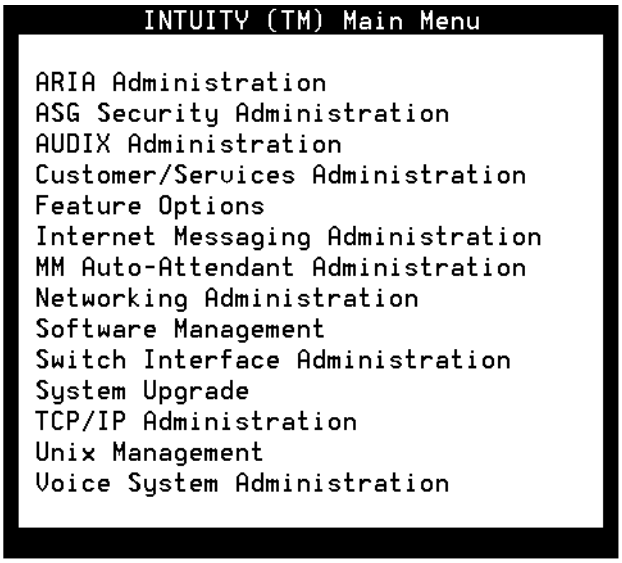
   The system displays the following message:

   ```
   command successfully completed
   ```

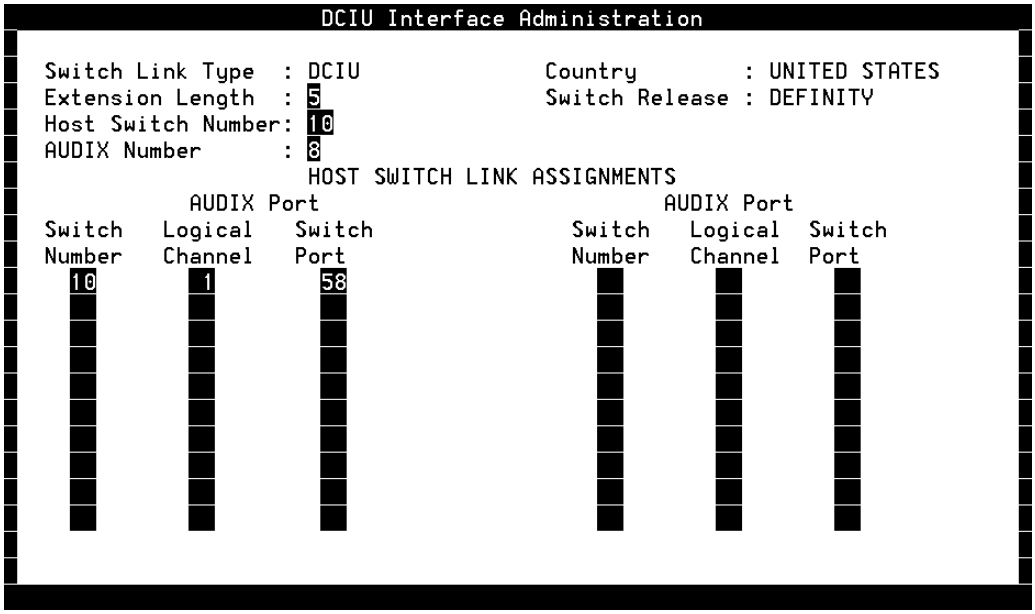
7. Enter **exit**

   The system displays the Avaya Intuity Main Menu (page 175).

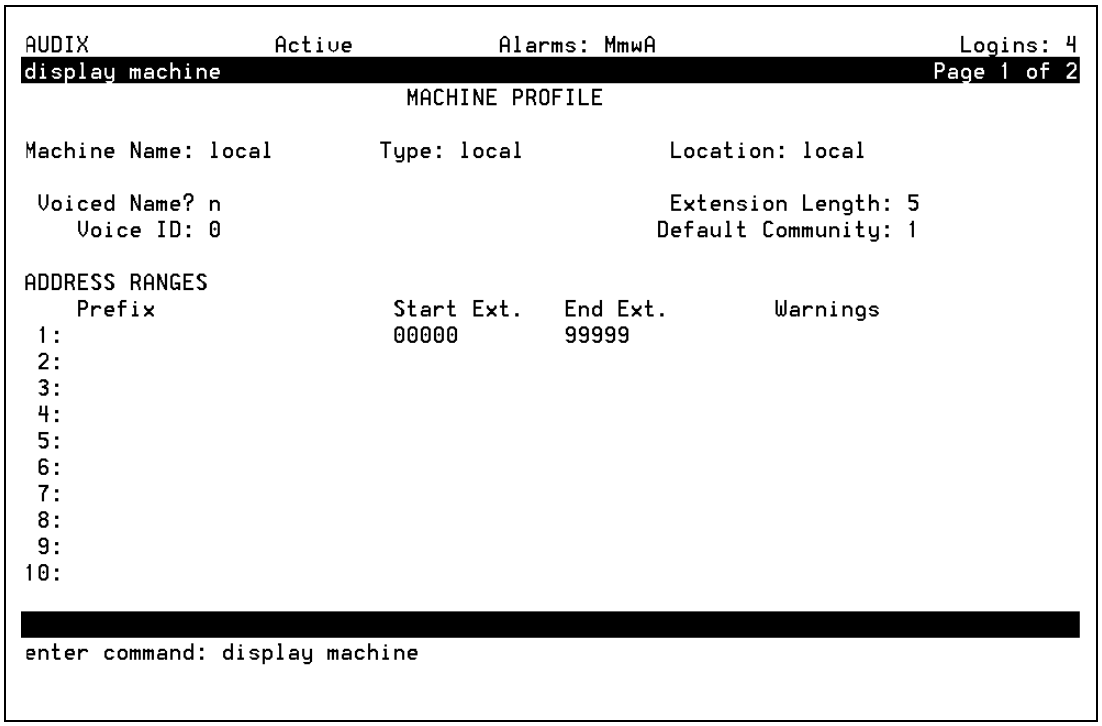
Avaya Intuity Main Menu



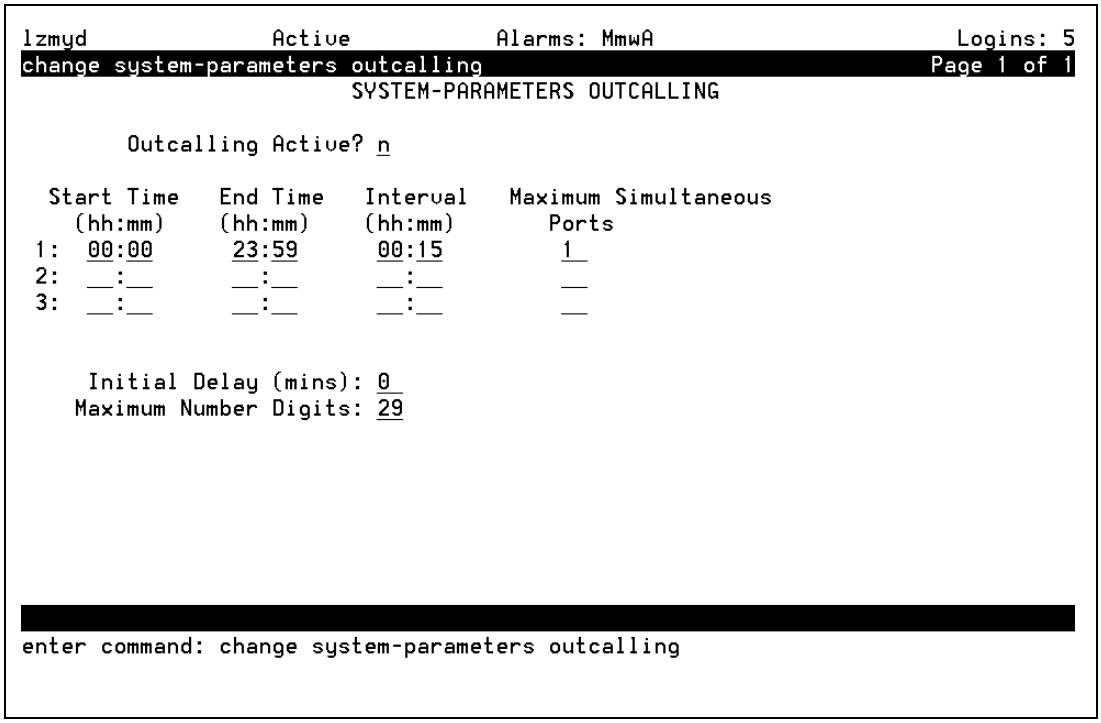
DCIU Interface Administration Screen



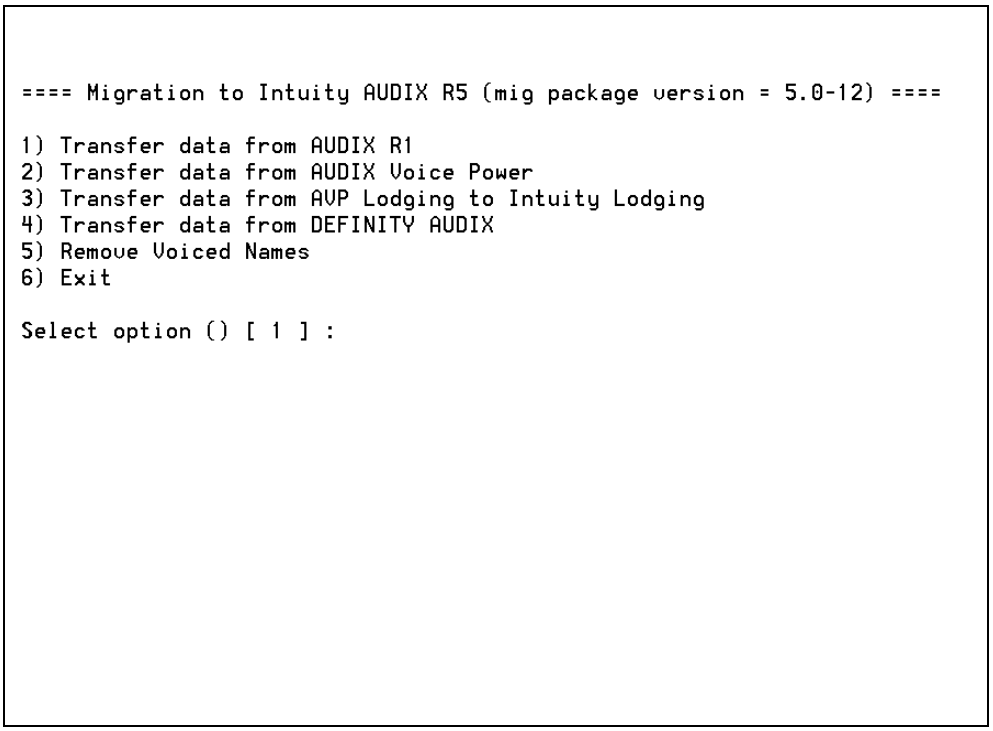
Machine Profile Screen



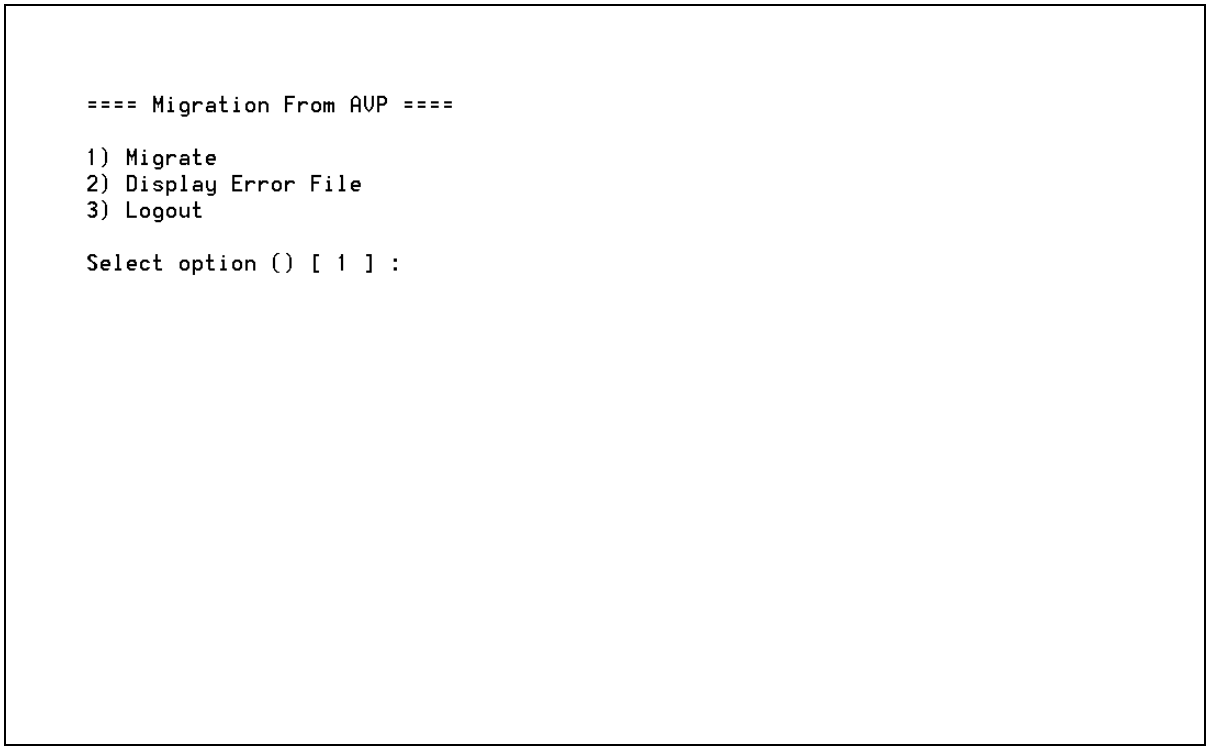
System-Parameters Outcalling Screen



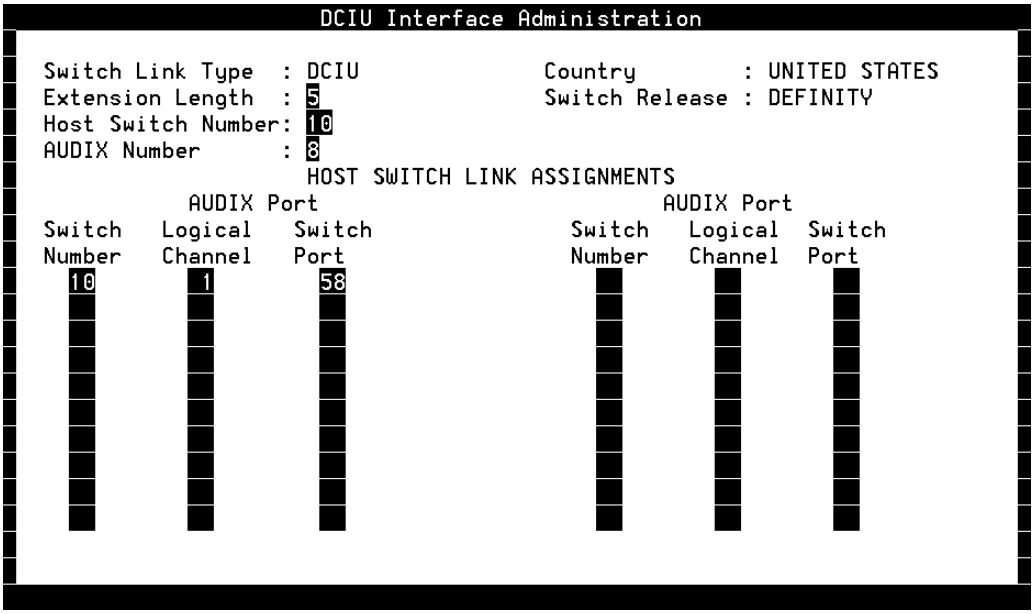
Migration Menu



Migration From AVP Menu



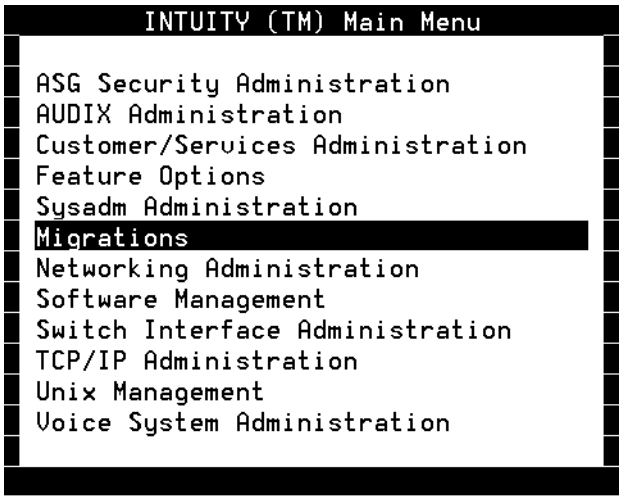
DCIU Interface Administration screen



Log file

```
/usr/vmdb/pwdb
Shamim Pirzada       3477  1 0 extension 300         n 1 1
"Shamim Pirzada      " "custom" "n" "5339" \\ "call-answer" "n" "fifo" "fifo" "n
uo" "unfda" "5" "300" "120" "32" "8" "25" \\ "250" "300  " "0" "extension" "10"
"10" "10" "10" \\ \\ "1" \\ "       " "n" \\ \\ "1" \\ "n" "none" "0800  " \\ "n"
 \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \
\ \\ \\ \\ \\ \\ \\ "5" \\ "" "1"
: error 1023 at field 3 code 42
System Administrator 1111   1 0 extension 1500        y 1 1
"System Administrator" "custom" "n" "5339" \\ "call-answer" "n" "fifo" "fifo" "n
uo" "unfda" "5" "300" "120" "32" "8" "25" \\ "250" "1500 " "0" "extension" "10"
"10" "10" "10" \\ \\ "1" \\ "       " "y" \\ \\ "1" \\ "n" "none" "1111  " \\ "n"
 \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \
\ \\ \\ \\ \\ \\ \\ "5" \\ "" "1"
: error 1023 at field 3 code 42
other sys admin      1234   1 0 extension 1500        y 1 1
"other sys admin     " "custom" "n" "5339" \\ "call-answer" "n" "fifo" "fifo" "n
uo" "unfda" "5" "300" "120" "32" "8" "25" \\ "250" "1500 " "0" "extension" "10"
"10" "10" "10" \\ \\ "1" \\ "       " "y" \\ \\ "1" \\ "n" "none" "1234  " \\ "n"
 \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \
\ \\ \\ \\ \\ \\ \\ "5" \\ "" "1"
: error 1023 at field 3 code 42
Sandra Oliver        3445  1 0 extension 1500        y 1 1
:
```

Avaya Intuity Main Menu



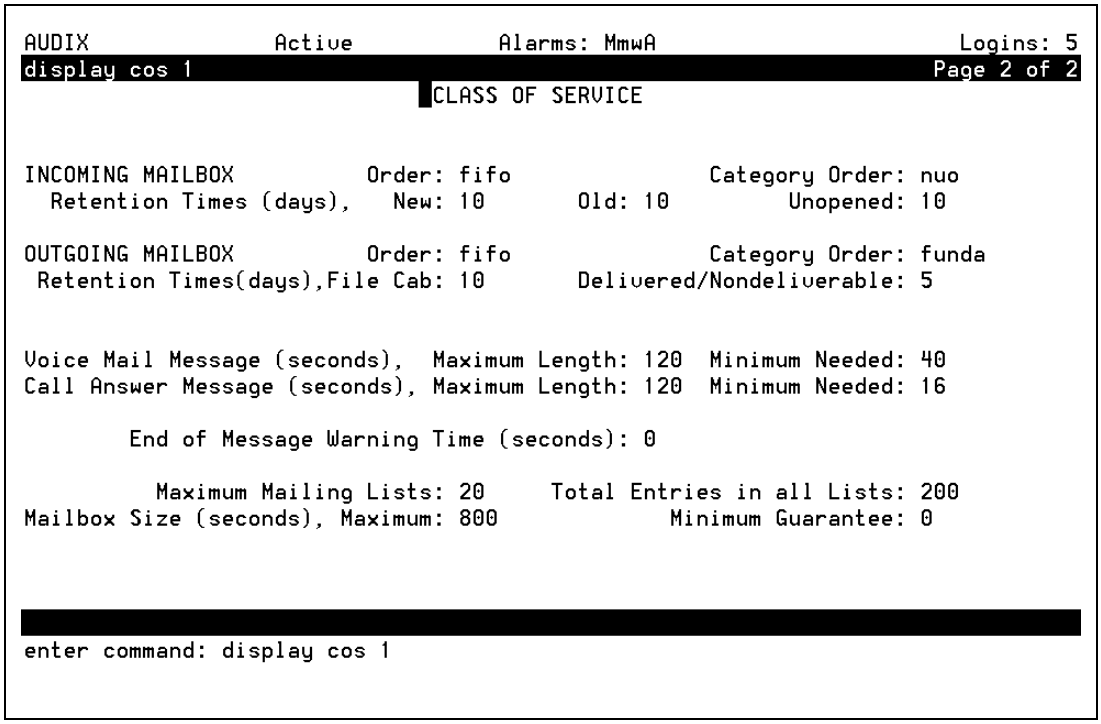
Feature Daily Traffic Screen

```
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], [PrevPage] or [Cancel]
enter command: list measurements feature day
```

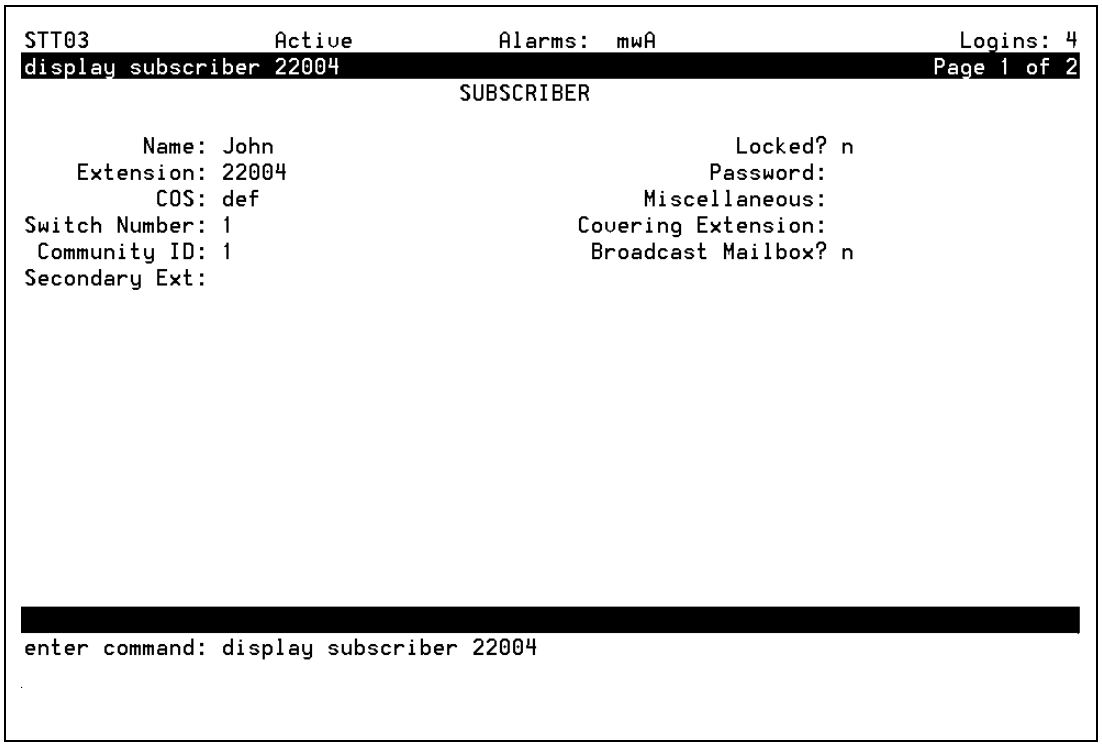
Class-of-Service Screen, Page 1

```
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



Subscriber Screen, Page 1



Subscriber Class-Of-Service Parameters Screen

```
                    SUBSCRIBER CLASS OF SERVICE PARAMETERS
 Addressing Format: extension            Login Announcement Set: System
         Name: Robert Smith                        Locked? n
 SystemeMultilingual 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
      P iority 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
```

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 Avaya 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 Avaya Intuity main menu.

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

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

Administering the Automated Attendants

If you administered the Avaya Intuity system hunt group so that the customer could administer and test automated attendants before activating the system, the customer (or you, if contracted to do so) should administer the automated attendants.

To administer automated attendants, do the following:

- Record all greetings for attendant mailboxes.
- Verify that attendant menus are complete.
- Make test calls to the Avaya Intuity system to verify that the attendants are administered correctly.

See Automated Attendant and Bulletin Board for more information.

Administering for the Switch

To complete the migration, you must remove the Digital Communications Protocol (DCP) connection on the AUDIX Voice Power and create the Avaya Intuity hunt group. Follow these steps:

Task	Reference
1. If you are migrating from AUDIX Voice Power R2.1.1 or R3, remove the DCP Connection to the AUDIX Voice Power system.	*AUDIX Voice Power R2.1.1 Switch Notes for System 75* or *AUDIX Voice Power R3 Switch Integration to System 75*
2. Remove the DCP station and extension that connects to the AUDIX Voice Power system.	*AUDIX Voice Power R2.1.1 Switch Notes for System 75* or *AUDIX Voice Power R3 Switch Integration to System 75*
3. Create an Avaya Intuity hunt group. Use the old DCP extension, if any. **Note:** Use the same extension for the Avaya Intuity hunt group as was used for the Digital Communications Protocol (DCP) extension for the AUDIX Voice Power system. subscribers can then use the same telephone number to dial in to the Avaya Intuity system as was used with the AUDIX Voice Power system. This also avoids subscriber coverage path readministration.	▪ Integrating Your Intuity System with a Switch ▪ For other manufacturer's switches, see the appropriate integration book
4. Assign Avaya Intuity voice ports to hunt group. This completes the connection of the switch to the Avaya Intuity system.	▪ Integrating Your Intuity System with a Switch ▪ For other manufacturer's switches, see the appropriate integration book
5. Turn on the Avaya Intuity machine and log on. This puts the Intuity AUDIX system into service for the test stations.	Start the Voice System

Migrating from MERLIN LEGEND AUDIX Voice Power (IS II or IS III)

This checklist provides the steps required to migrate data from a MERLIN LEGEND AUDIX Voice Power (IS II or IS III) system to an Avaya Intuity system.

The following AUDIX Voice Power releases can be migrated to the Avaya Intuity system:

- Release 2.0
- Release 2.1
- Release 2.1.1 (available also from Integrated Solutions III)
- Release 3

The tasks are grouped into these general areas:

- Preparing for the migration (page 192)
- Preparing the Avaya Intuity system (page 192)
- Migrating the database (page 192)
- Completing the migration (page 193)

Important:
Steps 1 through 9 can be completed before taking the MERLIN LEGEND AUDIX Voice Power system out of service.

Migration Checklist

To migrate from a MERLIN LEGEND AUDIX Voice Power (IS II or IS III) system to the Avaya Intuity system:

	Description
Preparing for the migration	1. Gathering Materials and Information (page 193) you need.
	2. Verifying with the Customer (page 193) his responsibility to make the administrative changes required for the migration.
	3. Recording the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) Profile Information (page 194).
Preparing the Avaya Intuity system	4. Installing the Migration Software (page 198).
	5. Creating a Temporary Avaya Intuity Calling Group (page 204).
	6. Creating an Avaya Intuity Test Coverage Group (page 204)**.**
	7. Assigning the Temporary Calling Group to the Test Coverage Group (page 205) to the test coverage group.
	8. Cabling the Avaya Intuity Voice Ports (page 205).
	9. Preadministering the Avaya Intuity System (page 206).
Migrating the database	10. Backing Up the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) Data (page 213).
	11. Running the Data Transfer (page 216).
	12. Checking the Log File (page 219).
	13. Verifying the Transfer of Data (page 221).

	Description
Completing the migration	14. Removing the Migration Software (page 231).
	15. Administering the Automated Attendants (page 232).
	16. Moving the Voice Port Cabling (page 233). **Note:** This allows subscribers to continue dialing the same telephone number on the Avaya Intuity system to get their messages as they dialed on the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) system. It also allows subscribers to get old messages stored on the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) system.

Gathering Materials and Information

You need the following items to successfully complete a migration from a MERLIN LEGEND AUDIX Voice Power (IS II or IS III) system to the Avaya Intuity system:

- The most recent Intuity AUDIX R5 software CD-ROM
- MERLIN LEGEND AUDIX Voice Power backup software diskette
- Migration checklist
- A 3.5-inch 1.44-MB floppy disk
- These additional documentation resources:
  - This Avaya Intuity AUDIX documentation CD-ROM
  - The installation book for the customer's switch

Verifying with the Customer

Verify that the customer understands the following:

- Subscriber stations on the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) system may vary in extension lengths. However, the Intuity AUDIX allows one extension length.

- Subscriber names with suffixes such as Jr., Sr., III, or Dr. must be corrected after the transfer.

  The MERLIN LEGEND AUDIX Voice Power system lists subscriber's *first* names first, while the Avaya Intuity system lists subscriber's *last* names first. However, during the database conversion, suffixes are treated as part of the name. After the data transfer the suffix may appear out of proper sequence when displayed on the Avaya Intuity system.

  For example, a customer named "John W. Doe, Sr." would be become "Sr. John W. Doe". The transfer process moves any suffixes to the first position. The customer must manually correct any names that have suffixes after the transfer.

Verify that the customer has:

- Readministered the switch so that station extension lengths match the proposed extension length on the Avaya Intuity system.

  If a subscriber's extension length does not match the length defined on the Avaya Intuity system, that subscriber's data will not migrate, nor can that subscriber be added to the system until the extension length is changed.

- Readministered each subscriber whose personal operator number was:

  — 0

  The subscriber's data does not migrate if the number is incorrect.

  — an extension length that is different from that specified for the Avaya Intuity system.

  The subscriber cannot be added to the system until the extension length matches the Intuity AUDIX extension length.

Recording the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) Profile Information

The Required Profile Information (page 195) table lists the information you need from the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) system before you begin the migration. If you do not have this information, retrieve it from the MERLIN LEGEND AUDIX Voice Power screens as described in procedures below.

Record the information listed in the table below before you begin the migration.

Table: Required Profile Information

Screen	Information Needed	Information
Display Installed Applications	Version of AUDIX Voice Power	
System Parameter Administration	Maximum extension length of local AUDIX Voice Power	
Subscriber Administration	Format for subscriber names	

You can find this information in one of two ways:

- From the customer's MERLIN LEGEND AUDIX Voice Power planning worksheets
- From the MERLIN LEGEND AUDIX Voice Power system administration screens.

  The procedures in the next section list the steps for displaying the AUDIX Voice Power administration screens. Follow each procedure, then record the information in the Required Profile Information (page 195) table.

Displaying the Installed Applications Screen

To display the version number:

1. Log in to the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) machine as **maint**
2. Enter **displaypkg**

   The system displays a list of software packages.
3. Make a note of the release number of the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) Application Software.
4. Press F6 (Cancel) twice.

   The system returns to the AUDIX Voice Power Administration menu.

Displaying the System Parameter Administration Screen

To display the maximum extension length:

1. Select:

   ```
   AUDIX Voice Power
     system Parameter Administration
   ```

   The system displays the System Parameter Administration screen.

2. Make a note of the value in the `Maximum Extension Length:` field.

3. Press F6 (Cancel).

   The system returns to the AUDIX Voice Power Administration menu.

Displaying the Subscriber Administration Screen

To display the format for subscriber names:

1. Select:

   ```
   Subscriber Administration
   ```

   The system displays the Subscriber Administration screen.

2. Press F8 (Change Keys) to display the alternate set of function keys.

3. Press F3 (Display Menu Options) to display the Options menu.

4. Select:

   ```
   Display
   ```

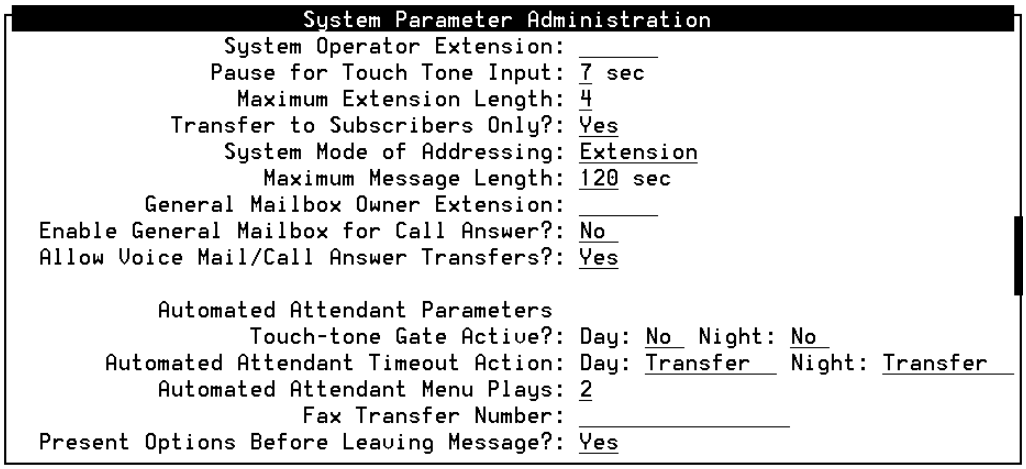
5. Make a note of the subscriber name format. Note whether the names are listed with first name first, first name last, or in either way. If both methods are used, determine which is used most frequently.

6. Press F6 (Cancel).

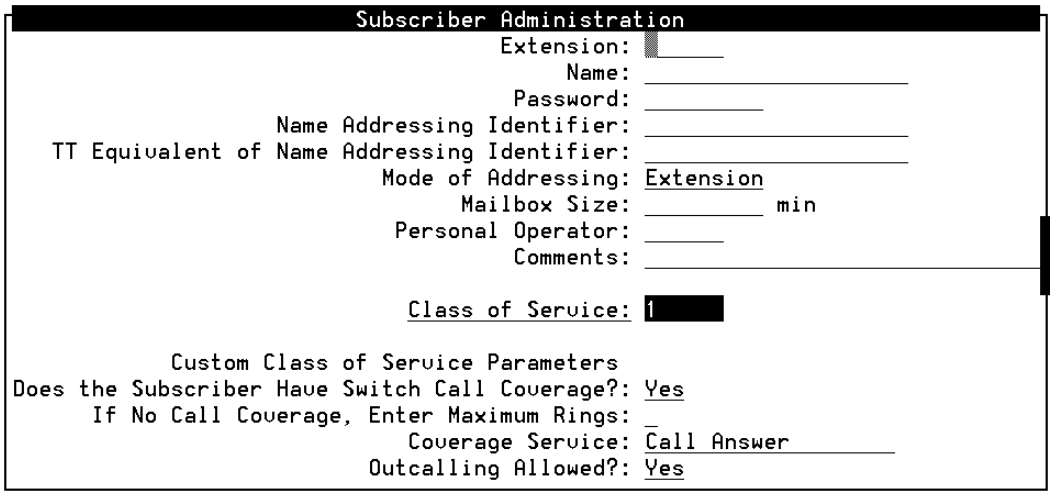
   The system returns to the AUDIX Voice Power Administration menu.

7. Return to the procedure checklist.

System Parameter Administration Screen



subscriber Administration Screen



Installing the Migration Software

To load migration software onto the Avaya Intuity system:

1. Log on to the system using the *craft* login.
2. Insert the most recent Intuity AUDIX R5 software CD-ROM in the Avaya Intuity system's CD-ROM drive.
3. Start at the Avaya Intuity Main Menu (page 201) and select:

   ```
   Software Management
     Software Installation
       CD
   ```

   The system displays the Software Install Screen, Page 1 (page 203).

   Note:
   If you did not complete the backup, the system displays the Backup Warning Screen (page 202).

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 204).

   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.

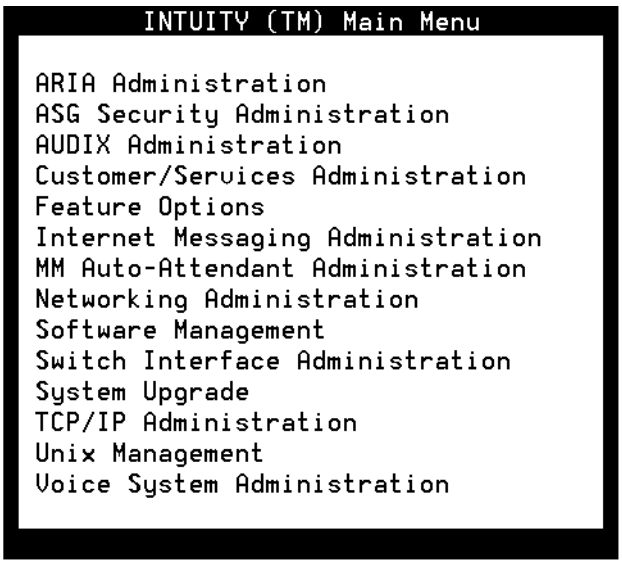
12. Remove the Intuity AUDIX R5 software CD-ROM from the CD-ROM drive.

13. When the system has restarted, log in to the Avaya Intuity system using *craft*.

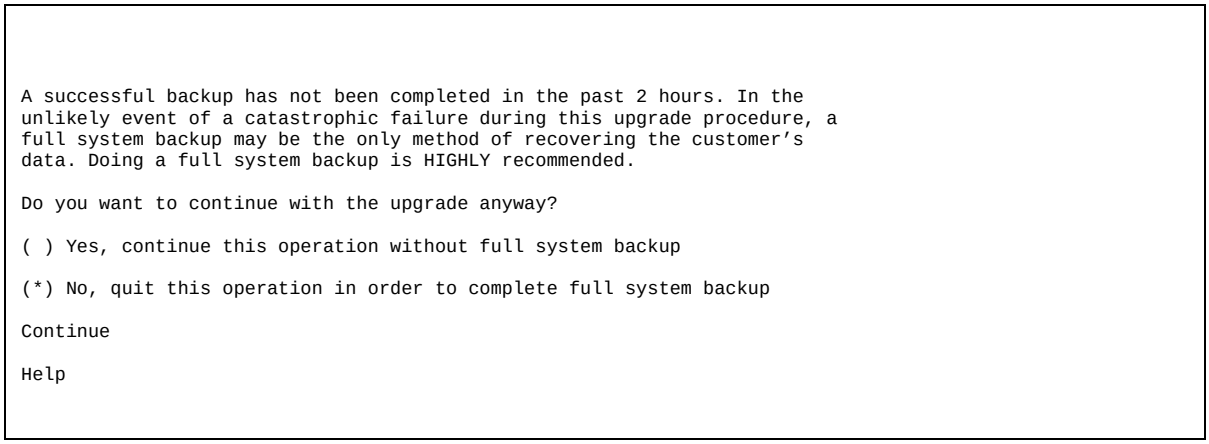
    Note:
    The system will not display the Migration menu option on the Avaya Intuity main menu until you log back in to the system.

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

Avaya Intuity Main Menu



Backup Warning Screen



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
```

Creating a Temporary Avaya Intuity Calling Group

Create a temporary Avaya Intuity system calling group. This allows you or the customer to:

- Readminister and test automated attendants on the Avaya Intuity system prior to completing the migration.
- Use this calling group (and its ports) for the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) system for a short period after the migration. During this period subscribers can access their old messages.

This temporary calling group should use two voice ports that are removed from the calling group on the MERLIN LEGEND AUDIX Voice Power (IS II or IS III).

See Intuity Messaging Solutions Integration with MERLIN LEGEND Communications System for more information.

Creating an Avaya Intuity Test Coverage Group

Decide with the customer whether the customer wants to test any automated attendants that are readministered on the Avaya Intuity system. If so, create a test coverage group with two stations.

See Intuity Messaging Solutions Integration with MERLIN LEGEND Communications System for more information.

Assigning the Temporary Calling Group to the Test Coverage Group

Assign the temporary Avaya Intuity system calling group to the test coverage group so that calls move to the Avaya Intuity system.

See Intuity Messaging Solutions Integration with MERLIN LEGEND Communications System for more information.

Cabling the Avaya Intuity Voice Ports

The Cabling Task (page 205) table lists the tasks for connecting two Avaya Intuity system voice ports to the switch. See the installation book for the customer's switch and the installation book for your platform for more information.

Table: Cabling Task

Task	Reference
1. Disconnect the two voice port cables on the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) machine and connect them to the Avaya Intuity machine. This allows you to test the Avaya Intuity automated attendants using the voice ports from the MERLIN LEGEND AUDIX Voice Power (IS II or IS III). **Note:** The cables that you disconnect should be attached to the ports on the switch that you moved to the Avaya Intuity system calling group.	*AUDIX Voice Power R2.1.1 Installation and Maintenance Guide* *AUDIX Voice Power Hardware Installation* The appropriate IS II or IS III installation and maintenance book Intuity Messaging Solutions Integration with MERLIN LEGEND Communications System

Preadministering the Avaya Intuity System

Before you transfer data from the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) system to the Avaya Intuity system, you must ensure that the Avaya Intuity system is administered to match the MERLIN LEGEND AUDIX Voice Power system for the following information:

- Extension length
- Range of extensions
- Outcalling
- Transfer type
- Covering extension

Preadministering the Extension Length

To preadminister the extension length:

1. Log in to the Avaya Intuity system as **craft**
2. From the Avaya Intuity main menu, select the Switch Interface Administration menu option.

   The system displays the Switch Interface Administration screen.
3. Verify the `Extension Length:` field.
4. If the extension length matches the extension length on the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) system, go to Step 5.

   If the extension lengths do not match, press TAB to move the cursor to the `Extension Length` field, and enter the correct extension length.
5. Press F3 (Save) to save the extension length change.

   The system displays the following message:

   Update successful

   Once the change has been made, you must restart the Avaya Intuity Voice System in order for the change to be completed.
6. Follow the steps in Restarting the Voice System.

   The system returns to the Avaya Intuity main menu.

Preadministering the Range of Extensions

To preadminister the range of extensions:

1. From the Intuity AUDIX main menu, select:

   `AUDIX Administration`

   The system displays the AUDIX Command Prompt screen.

2. Enter **change machine**

   The system displays the Machine Profile screen.

3. Verify that the `Start Ext.` and `End Ext.` fields contain a number of digits that is equal to the extension length. If the `Start Ext.` and `End Ext.` fields do not have the correct number of digits, type the correct number of 0s in the `Start Ext.` field and the correct number of 9s in the `End Ext.` field.

   For example, if the extension length is 5, the `Start Ext.` column should contain five 0s (for example, 00000) and the `End Ext.` column should contain five 9s (for example, 99999).

4. Press F3 (Save).

   The system displays the following message:

   `command successfully completed`

Preadministering Outcalling

To preadminister the Intuity AUDIX outcalling fields:

1. At the command line, type **ch sy o**

   The system displays the System-Parameters Outcalling screen.

2. Enter **y** in the `Outcalling Active?` field.

3. Press F3 (Enter).

   The system displays the following message:

   `successfully completed`

Preadministering the Transfer Type and Covering Extension

To preadminister the transfer type and covering extension:

1. At the AUDIX command prompt, type **ch sy f**

   The system displays the System-Parameters Features screen, page 1.

2. Press F7 (Next Page) twice.

   The system displays the System-Parameters Features screen, page 3.

3. Enter **basic** in the `Transfer Type:` field.

4. Enter the system-wide covering extension in the `Covering Extension:` field.

   Note:
   This is normally an operator or automated attendant extension.

5. Press F3 (Enter).

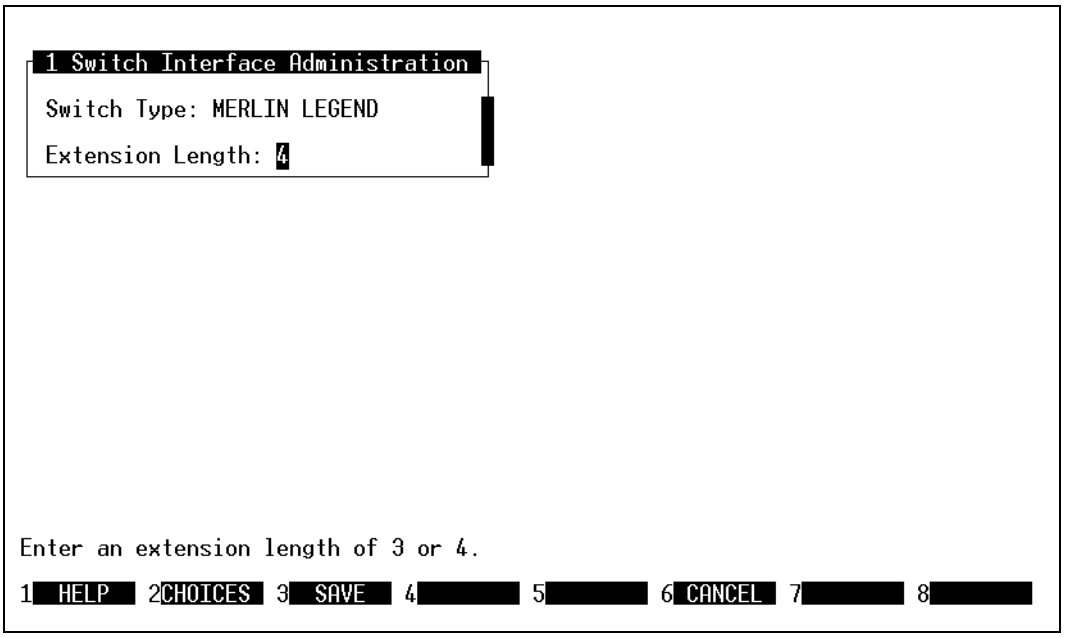
   The system displays the following message:

   ```
   successfully completed
   ```

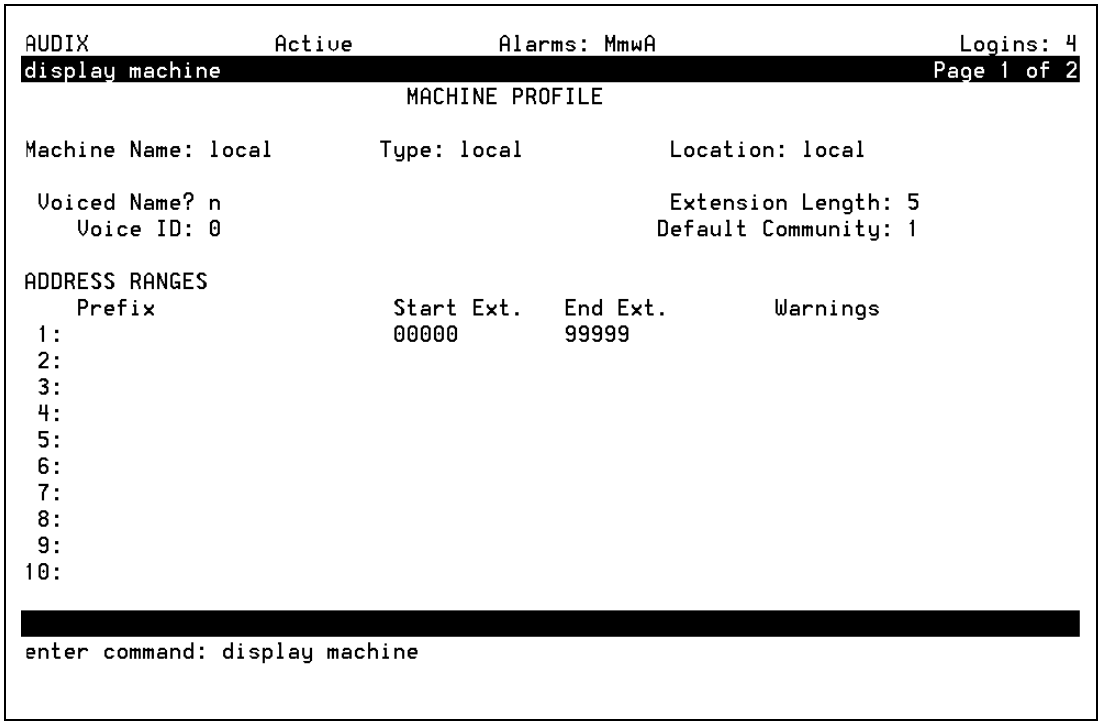
6. Enter **exit**

   The system displays the Avaya Intuity main menu.

Switch Interface Administration Screen



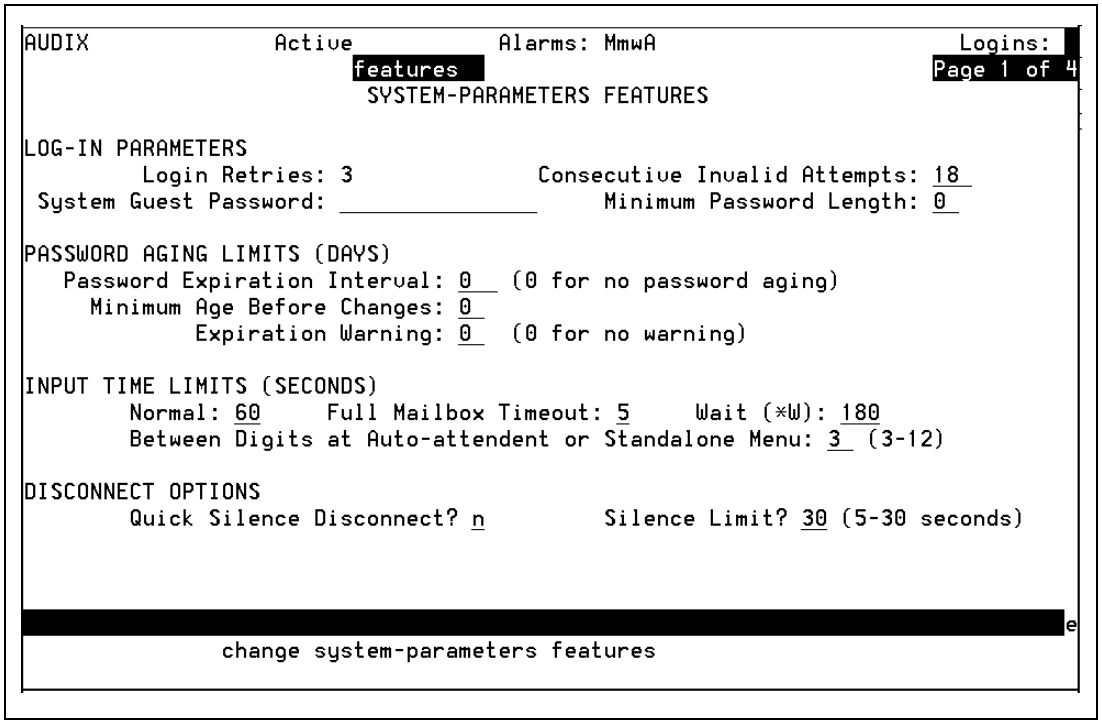
Machine Profile Screen



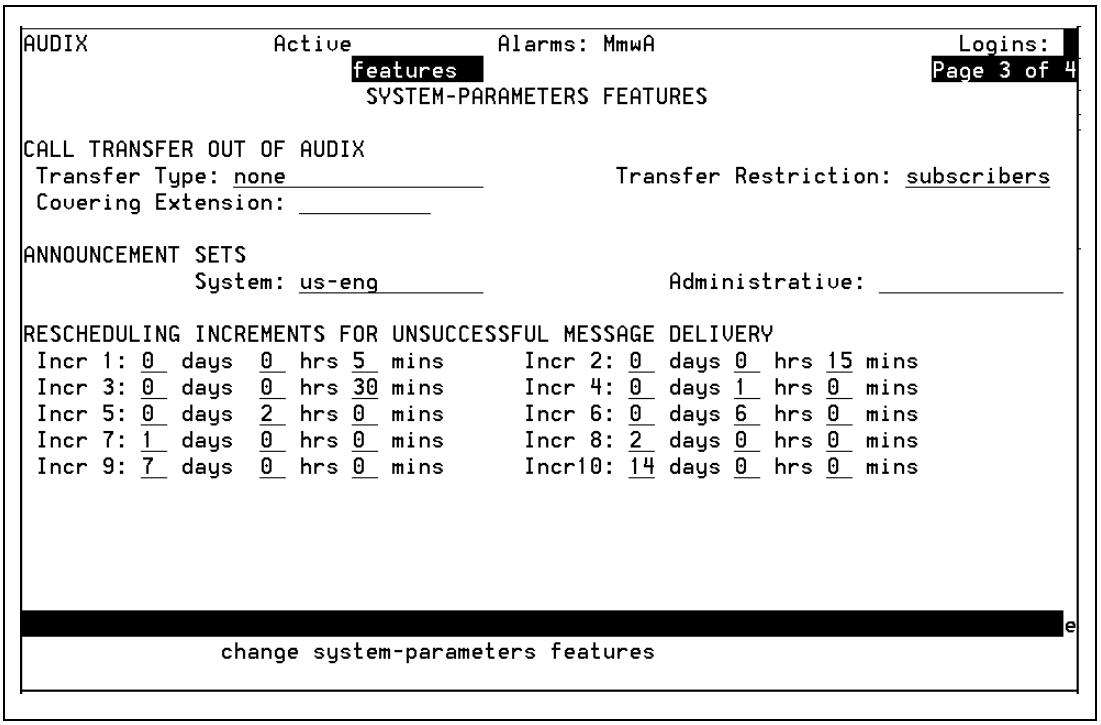
System-Parameters Outcalling Screen

```
lzmyd              Active          Alarms: MmwA                    Logins: 5
change system-parameters outcalling                              Page 1 of 1
                          SYSTEM-PARAMETERS OUTCALLING

        Outcalling Active? n

  Start Time   End Time   Interval   Maximum Simultaneous
    (hh:mm)    (hh:mm)    (hh:mm)       Ports
 1:  00:00      23:59      00:15         1
 2:  __:__      __:__      __:__         __
 3:  __:__      __:__      __:__         __


     Initial Delay (mins): 0
    Maximum Number Digits: 29
```

System-Parameters Features Screen, Page 1



System-Parameters Features Screen, Page 3



Backing Up the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) Data

There are two ways to back up the MERLIN LEGEND AUDIX Voice Power data:

- Using the Backup Software (page 214)

  Use this method if you have a diskette containing the backup software.

- Backing Up from the Command Line (page 216)

  Use this method if there is no backup software diskette. The backup is taken using software previously loaded on the system.

Both methods require that you provide a blank diskette to store the backup data.

Using the Backup Software

Use this procedure to back up the MERLIN LEGEND AUDIX Voice Power if you have the diskette labeled “AUDIX Voice Power Backup Software R1.0 for Intuity AUDIX Migration.”

1. Label the blank floppy diskette as "MERLIN LEGEND AUDIX Voice Power (IS II or IS III) migration data".

2. On the MERLIN LEGEND AUDIX Voice Power, select:

   ```
   Technician Maintenance
     Full Screen UNIX
   ```

3. Insert the diskette labeled “AUDIX Voice Power Backup Software R1.0 for Intuity AUDIX Migration”. This software is shipped with the other Intuity AUDIX software.

4. Enter **installpkg**

   The system displays the following message:

   ```
   Confirm.
   Please indicate the installation medium
   you intend to use.

   Strike “C” to install from CARTRIDGE TAPE
   or “F” to install from FLOPPY DISKETTE.

   Strike ESC to stop.
   ```

5. Enter **F**

   The system displays the following message:

   ```
   Confirm.
   Please insert the floppy disk.

   If the program installation requires more
   than one floppy
   disk, be sure to insert the disks in the
   proper order,
   starting with disk number 1.

   After the first floppy disk, instructions
   will be provided for inserting the
   remaining floppy disks.

   Strike ENTER when ready
   or ESC to stop.
   ```

6. Press ENTER.

   The system displays the following message:

   ```
   Installation in progress – do not remove
   the floppy disk.

   Moving files to proper directories...
   Successfully installed files.

   You may now remove the floppy disk.

   The installation of the AUDIX Voice Power
   Backup Software R1.0 for Intuity AUDIX
   Migration is now complete.
   ```

7. Remove the diskette containing the backup software and insert the blank diskette.

8. Enter **avpbackup**

   The system displays the following message:

   ```
   Press ENTER when you have inserted the
   floppy to format and put the backup on,
   or press q to quit.
   ```

9. Press ENTER.

   The system displays the following message:

   ```
   Formatting the floppy.
   Successfully formatted the floppy.

   Writing the data to the floppy.
   .
   .
   .
   /usr/vmdb/pkglist
   /usr/vmdb/pwdb
   .
   .
   .

   Successfully backed up AUDIX Voice Power
   R2.1.1 data.
   Remove and label the backup floppy then
   continue with the migration.
   ```

Backing Up from the Command Line

To back up the AUDIX Voice Power data without the software diskette:

1. Label the blank floppy diskette as "MERLIN LEGEND AUDIX Voice Power (IS II or IS III) migration data".
2. On the MERLIN LEGEND AUDIX Voice Power, select the following menu options:

   ```
   Technician Maintenance
     Full Screen UNIX
   ```

3. Do one of the following:
   - If your disk is formatted, go to Step 4.
   - If your disk is unformatted, enter the following at the UNIX prompt:

     format /dev/rdsk/f03ht

4. Determine the AUDIX Voice Power release number, and then enter one of the following commands, depending on the release from which you are migrating:
   - If you are migrating from Release 3, enter:

     /avp/bin/util/sub_dump > /usr/vmdb/pwdb
     find /usr/vmdb -print | cpio -ocvBud > /dev/rdsk/f0

   - For Release 2.1 or Release 2.1.1:

     find /usr/vmdb /usr/ocdb -print | cpio -ocvBud > /dev/rdsk/f0

   The system backs up the subscriber information from the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) system onto the diskette.
5. Wait for the diskette drive light on the AUDIX Voice Power system to go out.
6. Remove the diskette from the drive.

Running the Data Transfer

Run the data transfer to move MERLIN LEGEND AUDIX Voice Power (IS II or IS III) subscriber data to the Avaya Intuity system. The time it

takes to transfer the data varies, depending on the number of subscribers whose data is being transferred.

To run the data transfer:

1. From the Avaya Intuity main menu, select:

   ```
   Migration
   ```

   The system displays the Migration menu.

2. Enter **2**

   The system displays the following message:

   ```
   Migrating to Intuity AUDIX R5.0
   Press Enter to continue...
   ```

3. Press ENTER.

   The system displays the Migration From AVP menu.

4. Insert the AVP backup diskette into the diskette drive.

5. Enter **1**

   The system displays the following message:

   ```
   COS () [ 0 ] :
   ```

6. Enter the default class of service number for each subscriber.

   The system displays the following message:

   ```
   Switch Number () [ 0 ] :
   ```

7. Enter **1**

   The system displays the following message:

   ```
   Community ID () [ 0 ] :
   ```

8. Enter the default community ID (for community sending restrictions) for migrated subscribers and press ENTER.

   The system displays the following message:

   ```
   Software Release (2.0 2.1 2.1.1 3.0) [ 2.0 ]
   :
   ```

9. Enter the release number of the customer's MERLIN LEGEND AUDIX Voice Power (IS II or IS III) system and press ENTER.

   The system displays the following message:

   ```
   default subscriber password () [  ]:
   ```

10. Enter the default password that subscribers on the Avaya Intuity system first use to log on to the system. The customer system administrator should give you this password.

    CAUTION:
    Use a default password such as "1" or the migration may fail. This password is shorter than the standard password, so subscribers are forced to change their password at their first login. The password also meets security guidelines.

    Default passwords schemes that cannot be used include repeated digits ("1111") or consecutive digits ("1234"). These restrictions reduce toll fraud.

11. Press ENTER.

    The system displays the following message:

    ```
    Please re-enter password.
    ```

12. Reenter the default password.

    The system displays the following message:

    ```
    What format is used for subscriber names on
    the AVP backup disk?
    1) last name first
    2) first name first
    enter a number: (1 2)[ 1 ]:
    ```

13. Enter the number used in the customer's MERLIN LEGEND AUDIX Voice Power (IS II or IS III) naming format and press ENTER.

    The system displays the following message:

    ```
    Are these values correct? (y n) [ n ]
    ```

14. Enter **y**

    The system displays the following message:

    ```
    Insert the floppy disk with the AUDIX Voice
    Power backup on it.
    Press ENTER when the floppy is inserted.
    Press enter to continue...
    ```

15. Press ENTER.

    The system retrieves the data and displays the following message:

    ```
    Migration Completed. Check Error Log (Option
    2) for errors.
    Press enter to continue ...
    ```

16. Press ENTER twice.

    The system returns to the Migration From AVP Menu (page 225).

Checking the Log File

Check the log file to read any additional error messages that may have appeared during the data transfer and to determine how many of the subscribers were transferred. This procedure also includes connecting a printer so that you can retain the list of subscribers that did not migrate.

To check the log file:

1. From the Migration From AVP Menu (page 225), select option **2**, Display Log File.

   The system displays the Log File.

2. To verify that all data transferred, scroll through the file by pressing ENTER.

3. Note the telephone numbers that begin each log file record and the associated error codes.

   Note:
   If the log file contains an error, check the Common Migration Error Codes (page 219) table for description of the problem. For a complete list and description of each code, see Migration Log File Error Codes. For a list and description of the field names, go to Migration Field Descriptions.

Table: Common Migration Error Codes

Code	Meaning
6	Bad data; Values are outside the permitted range.
42	Duplicate extension; extension is already in use.
61	Extension lengths of the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) and the Avaya Intuity system do not match.

Table: Common Migration Error Codes

Code	Meaning
1023	Value is out of range.
1025	Extension already exists on the Avaya Intuity system.
bad field	Quotation marks appear in a subscriber's data.

4. Press ENTER twice.

   The system returns to the Migration From AVP Menu (page 225).

   Note:
   To exit the log file before you reach the end, enter **q** at the colon (:).

5. Type **3** and press ENTER.

   The system displays the following message:

   `Press enter to continue.`

6. Press ENTER.

   The system returns to the Avaya Intuity main menu.

Printing the Log File

To print the log file:

1. Connect a printer to your Avaya Intuity terminal using the appropriate port for your parallel or serial printer.

   You can connect any of the following printers:

   - AT&T 570 series of terminals
   - AT&T 593
   - AT&T 595
   - NCR 6417

   Note:
   If you connect a serial printer to the DTE connection on a 715 terminal, you must use a null modem cable between the terminal and the printer.

2. From the Migration From AVP menu, select option **2**

   The system displays the log file.

3. At the end of the file, press ENTER.

   The system displays the following message:

   ```
   To print the logfile, type p else press
   [enter] to continue.
   ```

4. Enter **P**

   a. If a printer is active, the system displays the following message:

   ```
   request id is lpl-9 (1 file)

   Log file sent to printer. Press [enter]
   to continue
   ```

   b. Press ENTER to return to the Migration From AVP menu.

   c. If no printer is active, the system displays the following message:

   ```
   There is no default destination printer
   set. Cannot print the logfile.

   Press [enter] to continue.
   ```

   d. Administer the printer using the Printer Administration menu.

Verifying the Transfer of Data

When the data transfer is complete, verify that the subscriber data was transferred successfully. To verify the transfer of subscribers, check the following:

- List of subscribers
- Two class of service numbers
- Five subscriber extensions that are well-spaced throughout the range of subscribers you transferred.

Checking the List of Subscribers

To check the list of subscribers:

1. From the Avaya Intuity main menu select:

   ```
   AUDIX Administration
   ```

   The system displays the AUDIX Command Prompt screen.

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

   The system displays the Feature Daily Traffic screen.

3. Determine whether the number of subscribers is within 90% of the number of local subscribers on the AUDIX Voice Power system.

   - If it is more than 90%, enter the missing subscribers. See Adding, Changing, and Removing Subscribers for more information.
   - If the number is less than 90%, call the Remote Maintenance Center.

4. Press F1 (Cancel) to return to the command line.

Checking Class of Service Numbers

To check the class of service numbers:

1. Enter **di cos *cos-number*** where *cos-number* is the class of service.

   The system displays the Class of Service Screen, page 1 (page 228).

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

3. Press F7 (Nextpage).

   The system displays the Class of Service Screen, page 2 (page 229).

4. Verify that all of the data on the screen is correct. If the data is incorrect, you may need to rerun the data transfer.

   See check the log file for further information.

5. Return to Step 1 and use another class of service number.

6. 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 Subscriber Screen (page 230).

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

3. Press F7 (Nextpage).

   The system displays the Subscriber Class of Service Parameters Screen (page 231).

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

5. Return to Step 1 until you have checked four other subscribers.

6. Press F1 (Cancel) to return to the command line.

   The system displays the following message:

   ```
   command successfully completed
   ```

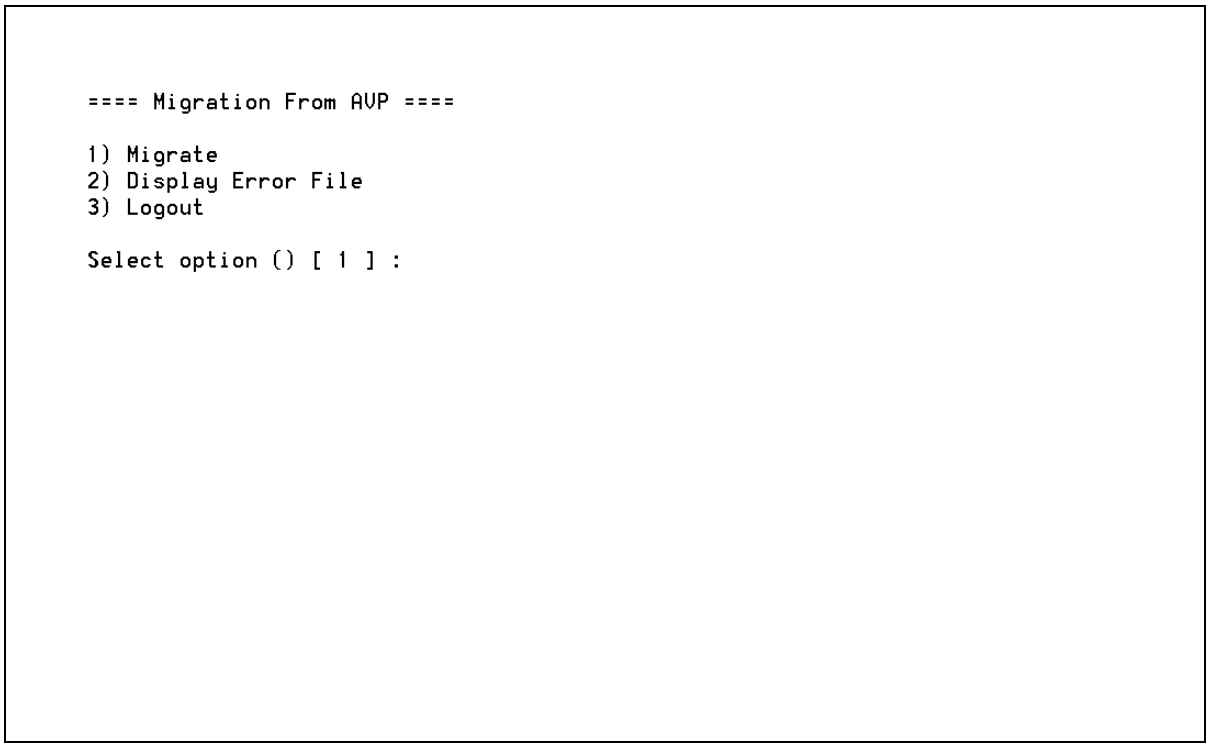
7. Enter **exit**

   The system returns to the Avaya Intuity main menu.

Migration 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 AVP Menu



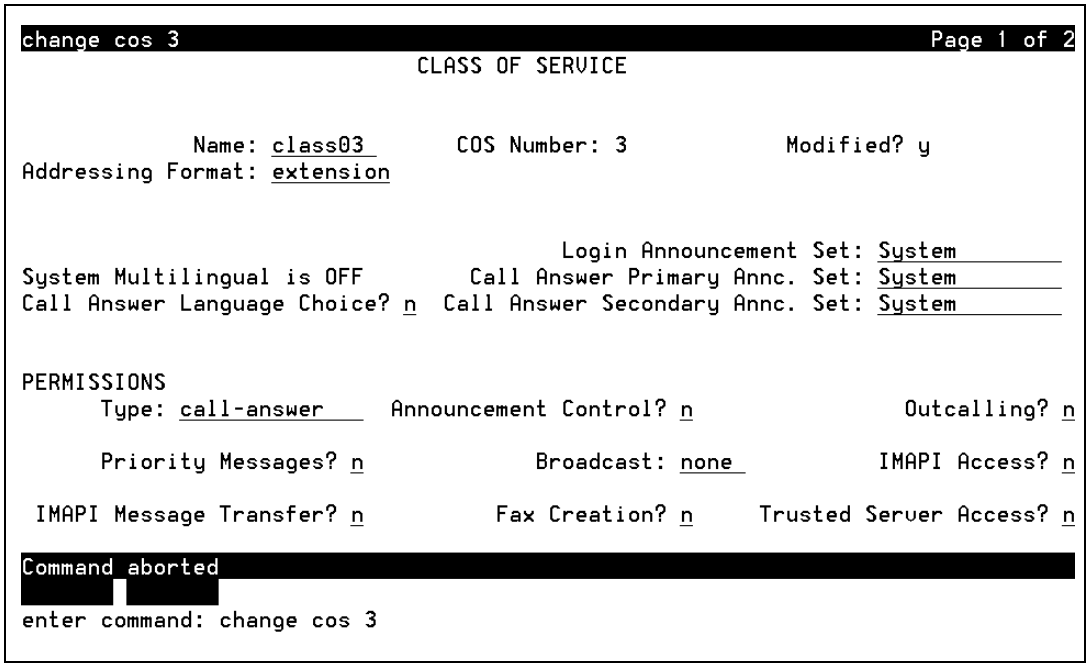
Log File

```
/usr/vmdb/pwdb
Shamim Pirzada       3477  1 0 extension 300          n 1 1
"Shamim Pirzada      " "custom" "n" "5339" \\ "call-answer" "n" "fifo" "fifo" "n
uo" "unfda" "5" "300" "120" "32" "8" "25" \\ "250" "300   " "0" "extension" "10"
"10" "10" "10" \\ \\ "1" \\ "       " "n" \\ \\ "1" \\ "n" "none" "0800   " \\ "n"
 \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \
\ \\ \\ \\ \\ \\ \\ "5" \\ "" "1"
: error 1023 at field 3 code 42
System Administrator 1111   1 0 extension 1500         y 1 1
"System Administrator" "custom" "n" "5339" \\ "call-answer" "n" "fifo" "fifo" "n
uo" "unfda" "5" "300" "120" "32" "8" "25" \\ "250" "1500  " "0" "extension" "10"
"10" "10" "10" \\ \\ "1" \\ "       " "y" \\ \\ "1" \\ "n" "none" "1111   " \\ "n"
 \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \
\ \\ \\ \\ \\ \\ \\ "5" \\ "" "1"
: error 1023 at field 3 code 42
other sys admin      1234   1 0 extension 1500         y 1 1
"other sys admin     " "custom" "n" "5339" \\ "call-answer" "n" "fifo" "fifo" "n
uo" "unfda" "5" "300" "120" "32" "8" "25" \\ "250" "1500  " "0" "extension" "10"
"10" "10" "10" \\ \\ "1" \\ "       " "y" \\ \\ "1" \\ "n" "none" "1234   " \\ "n"
 \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \
\ \\ \\ \\ \\ \\ \\ "5" \\ "" "1"
: error 1023 at field 3 code 42
Sandra Oliver        3445  1 0 extension 1500         y 1 1
:
```

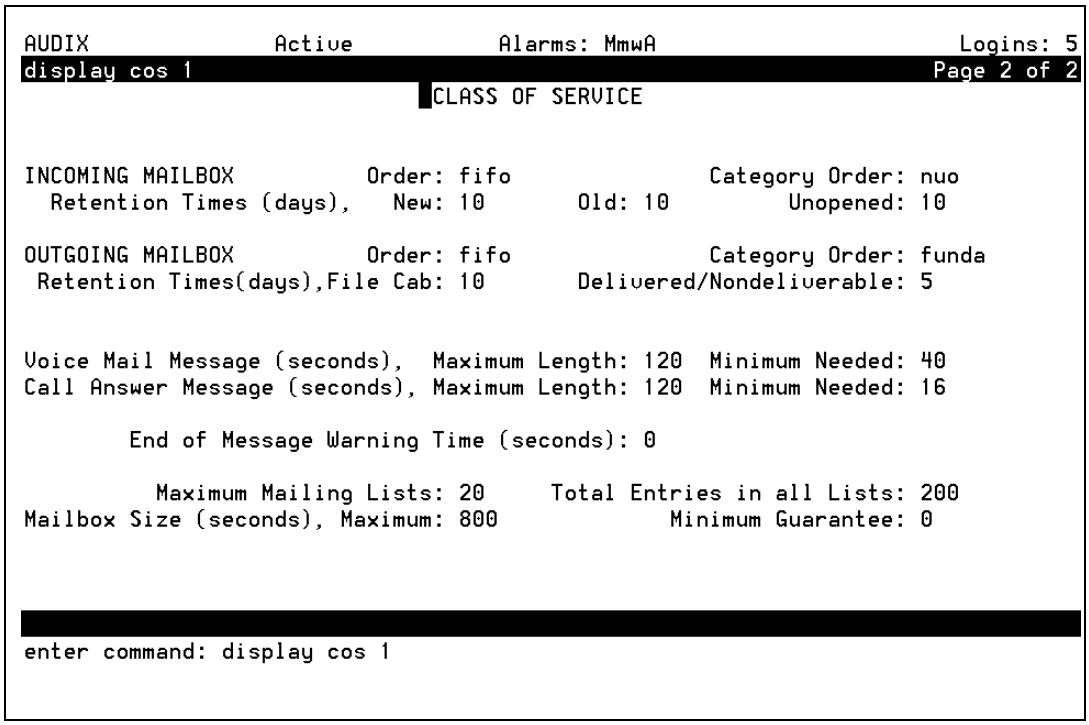
Feature Daily Traffic Screen

```
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], [PrevPage] or [Cancel]
enter command: list measurements feature day
```

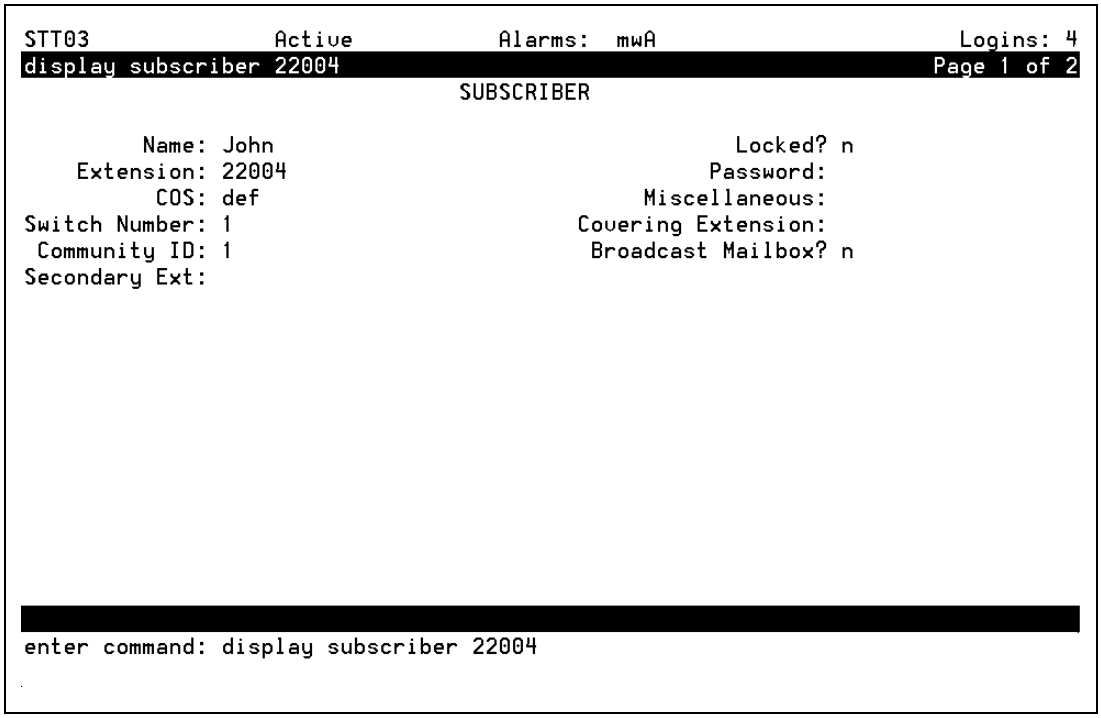
Class of Service Screen, page 1



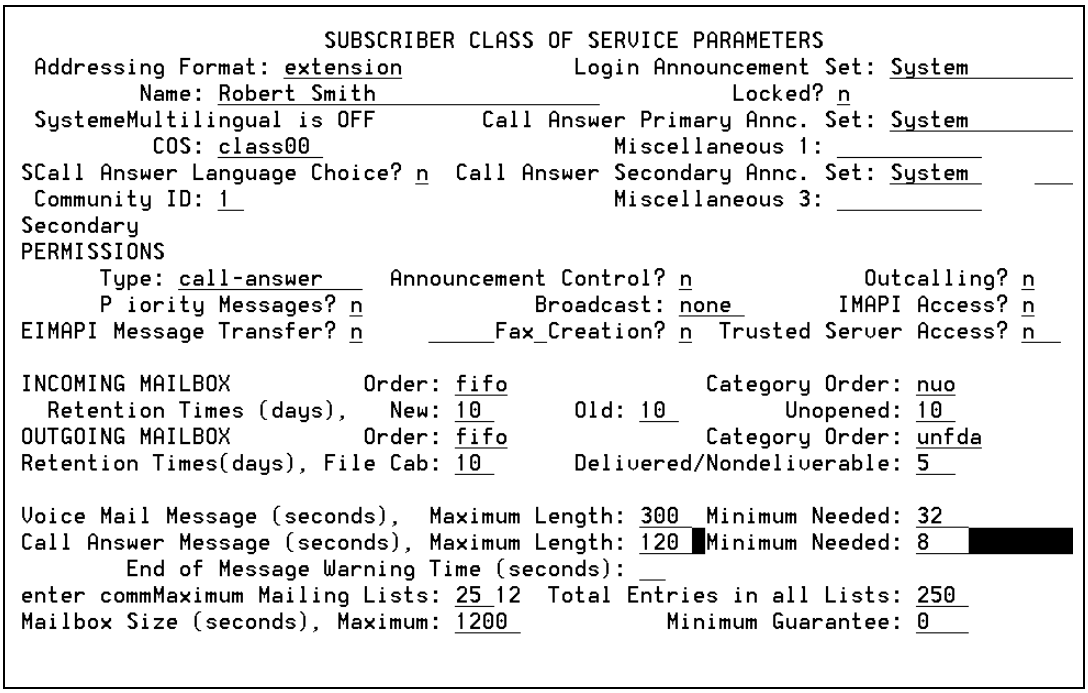
Class of Service Screen, page 2



Subscriber Screen



Subscriber Class of Service Parameters Screen



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 Avaya 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 Avaya Intuity main menu.

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

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

Administering the Automated Attendants

If you administered the Avaya Intuity system hunt group so that the customer could administer and test automated attendants before activating the system, the customer (or you, if contracted to do so) should administer the automated attendants.

To administer automated attendants, do the following:

- Record all greetings for attendant mailboxes.
- Verify that attendant menus are complete.
- Make test calls to the Avaya Intuity system to verify that the attendants are administered correctly.

See Automated Attendant and Bulletin Board for more information.

Moving the Voice Port Cabling

You must move the voice cables from the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) system to the Avaya Intuity system. To find the correct procedure, check the Cabling Tasks (page 233) table.

Note:
By swapping cables between systems, you can reuse the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) calling group and extension for the Avaya Intuity system. Thus, you avoid having to readminister subscriber coverage paths on the switch.

Table: Cabling Tasks

Task	Reference
1. Disconnect the two voice port cables on the Avaya Intuity machine and connect them to the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) machine. This allows subscribers to get old messages from the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) system while receiving new messages on the Avaya Intuity system.	*AUDIX Voice Power R2.1.1 Installation and Maintenance Guide* *AUDIX Voice Power Hardware Installation* The appropriate IS II or IS III installation and maintenance book Intuity Messaging Solutions Integration with MERLIN LEGEND Communications System
2. Disconnect the voice port cables on the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) machine and connect them to the Avaya Intuity machine. This allows subscribers to call the same telephone number on the Avaya Intuity system that they used for the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) system.	*AUDIX Voice Power R2.1.1 Installation and Maintenance Guide* *AUDIX Voice Power Hardware Installation* The appropriate IS II or IS III installation and maintenance book Intuity Messaging Solutions Integration with MERLIN LEGEND Communications System

Migrating from AUDIX Voice Power Lodging

This file lists the tasks required to migrate the data from any one of the following AUDIX Voice Power Lodging releases to the Avaya Intuity system:

- Release 1.1
- Release 3

The tasks are grouped into these general areas:

- Preparing for the Data Transfer (page 235)
- Transferring the Data (page 236)
- Completing the Migration (page 236)

Migration Checklist

To migrate from an AUDIX Voice Power Lodging system to the Avaya Intuity system:

Area	Task
Preparing for the Data Transfer	1. Gathering Materials and Information Needed (page 236) to complete the migration.
	2. Installing the Lodging Feature (page 236).
	3. Formatting Diskettes (page 237).
	4. Copying the CPIO Utility (page 238) to the Intuity AUDIX.

Area	Task
Transferring the Data	5. Creating a Migration Software Diskette (page 238).
	6. Backing Up AUDIX Voice Power Lodging Data (page 240).
	7. Running the Migration (page 245).
	8. Checking the Error File (page 248).
Completing the Migration	9. Administering the Switch (page 249).
	10. Removing the Migration Software (page 261).

Gathering Materials and Information Needed

You need the following items to successfully complete an AUDIX Voice Power Lodging migration:

- Intuity AUDIX R5 software CD-ROM
- Migration checklist
- 3.5-inch 1.44-MB diskettes

Note:
Diskettes must be UNIX-formatted write-enabled diskettes.

Installing the Lodging Feature

The Intuity AUDIX Release 5.1 software package contains a utility that is required to complete the migration. The package must be installed on the Intuity AUDIX system to begin.

To install the Lodging feature:

1. From the Intuity AUDIX main menu, select Feature Options.

   The system displays the Feature Options screen.

2. Determine whether the Lodging package has been installed:

   - If the Lodging feature is listed, press F6 (Cancel) and continue with Formatting Diskettes (page 237).
   - If the Lodging feature is not listed, follow the steps in Installing the Lodging Software Set.

Formatting Diskettes

Format sufficient diskettes to complete the migration. You will need diskettes for these sets of data:

- CPIO utility

  This diskette is used to transfer the CPIO utility from the AUDIX Voice Power Lodging system to the Intuity AUDIX system.

- System Files and Custom Prompt Backup

  One diskette is required to transfer these files to the Intuity AUDIX system.

- Guest Database

  Usually only one or two diskettes is required to transfer these files to the Intuity AUDIX system.

- Guest Speech files

  At least one diskette is required, more depending on the number and size of speech files you are migrating. This is the largest data component of the migration. The AUDIX Voice Power system tells you how many diskettes are required when it builds the transfer file, so if more are needed, you can format them then.

To format diskettes for UNIX:

1. From the Avaya Intuity main menu, select:

   ```
   UNIX Management
     Removable Media Operations
       Format 3.5 inch 1.44 Mbyte (High
   Density)
   ```

2. Insert the diskette in the diskette drive and press ENTER.

   The system formats the diskette.

3. Remove the diskette.

4. If additional diskettes are needed, return to Step 2.

Copying the CPIO Utility

The CPIO utility must be copied from the AUDIX Voice Power Lodging system to the Intuity AUDIX system. Although both systems contain this utility, the older version is needed on the new Avaya Intuity system for a successful copy.

To copy the CPIO utility to the Intuity AUDIX system:

1. Log in to the AUDIX Voice Power Lodging system as **root**.
2. Insert a blank diskette in the diskette drive.
3. At the UNIX prompt, enter **cd /bin**
4. Enter **ls cpio | cpio -ocvBud > /dev/dsk/f0t**
5. The system displays the following message:

   ```
   cpio
   XX blocks
   ```

   where *XX* is the size of the file.
6. Go to the Intuity AUDIX system and insert the diskette in the diskette drive.
7. Log in as craft.
8. At the UNIX prompt, enter **cpio -icvBud < /dev/dsk/f0t**
9. Continue with Creating a Migration Software Diskette (page 238).

Creating a Migration Software Diskette

You must create a diskette containing the migration software needed for backing up the AUDIX Voice Power Lodging data.

To create the software diskette:

1. At the UNIX prompt, enter **cd /ldg/bin/mig**
2. Enter **ldg_mig**

   The system displays the following message:

   ```
   Migrating to Intuity Lodging 2.1
   Press enter to continue. . .
   ```

3. Press ENTER.

   The system displays the following message:

   ```
   ==== Migration From AVPL ====

   1)  Restore AVPL data from Diskette
   2)  Create Migration Package Diskette
   3)  Display Error File
   4)  Exit
   Select option  ()  [ 1 ]:
   ```

4. Insert a diskette in the diskette drive.

5. Enter **2**

   The system displays the following message:

   ```
   Insert Floppy diskette in drive in order to
   create migration diskette

   All data on Floppy diskette will be erased..

   Press ENTER when floppy diskette is inserted
   in diskette drive
   Or Press q to quit
   ```

6. Press ENTER.

   The system copies all of the files needed for backing up the AUDIX Voice Power Lodging data and displays the following message:

   ```
   backup_avpl
   backup_sysfiles
   backup_speech
   Squeuemwl
   turn_mwl_off

   110 blocks

   Migration diskette created!!

   Please take the migration diskette to the
   AVPL machine
   and do the following steps from the unix
   prompt:
   1)  Type < cd /tmp >
   2)  Type < cpio -icvBud > /dev/dsk/f0t >
   3)  Type < /tmp/backup_avpl >
   3)  Follow instructions on the screen.
   ```

7. Press ENTER.

   The system displays the following message:

```
==== Migration From AVPL ====

1)  Restore AVPL data from Diskette
2)  Create Migration Package Diskette
3)  Display Error File
4)  Exit
Select option  ()  [ 1 ]:
```

8. Remove the diskette from the drive.
9. Label the diskette as “System Files and Custom Prompt Backup.”
10. Go to the AUDIX Voice Power Lodging system.

Backing Up AUDIX Voice Power Lodging Data

Before you start this procedure, determine with the customer how much information will be migrated to the Avaya Intuity AUDIX system. The customer can back up one of the following sets of data:

- System database files and custom prompts
- System database files, custom prompts, guest database, and guest speech files.

  The second option also includes the choice to migrate guest speech files. It is recommended that all files be included if the second option is selected.

The diskettes that were prepared in previous procedures are used during this procedure. Have the diskettes ready before you start.

To start the backup:

1. Insert the diskette labeled “System Files and Custom Prompt Backup” into the diskette drive.
2. At the UNIX prompt, enter **cd /tmp**
3. Enter **cpio -icvBud < /dev/dsk/f0t**

4. Enter **/tmp/backup_avpl**

   The system displays the following message:

   ```
   Please select one of the options:

   1) Migrate System files and Custom prompts
   only OR
   2) Migrate Entire Guest Database and speech
   and system files
   3) Exit
   ```

5. Select an option based on the decision by the customer about the data to be migrated. Do one of the following:

   - Migrating Only System Files and Custom Prompts (page 241)
   - Migrating System Files, Custom Prompts, Guest Database and Speech Files (page 242)

Migrating Only System Files and Custom Prompts

This option migrates system files and custom prompt data, but does not migrate any guest data.

To migrate only the system files and custom prompts:

1. Enter **1**

   The system displays the following message:

   ```
   Insert a floppy disk to backup System files
   and custom prompts
   ```

   If you have two floppy drives then Please use Drive 0 for backup and Press Enter to continue

2. Insert a blank, UNIX-formatted diskette and press ENTER.

   The system displays the following message:

   ```
   Backup of AVPL in progress
   ```

   The system lists the backed-up system files as they are copied to the diskette, and then displays the following message:

   ```
   System parameter files and custom speech
   backup complete...
   ```

3. Remove the diskette and continue with Run the Migration.

Migrating System Files, Custom Prompts, Guest Database and Speech Files

This option migrates as much of the AUDIX Voice Power Lodging data as possible to the Intuity AUDIX.

To back up all of the AUDIX Voice Power Lodging data:

1. Enter **2**

   The system displays the following message:

   ```
   Insert a floppy disk to backup System files
   and custom prompts
   ```

   If you have two floppy drives then Please use Drive 0 for backup and Press Enter to continue

2. Insert a blank, UNIX-formatted diskette and press ENTER.

   The system displays the following message:

   ```
   Backup of AVPL in progress
   ```

   The system lists the backed-up system files as they are copied to the diskette, then displays the following message:

   ```
   System parameter files and custom speech
   backup complete...

   Please select one of the options:

   1) Migrate System files and Custom prompts
   only OR
   2) Migrate Entire Guest Database and speech
   and system files
   3) Exit
   ```

3. Remove the diskette and press ENTER.

   The system displays the following message:

   ```
   Guest database will be backed up on
   diskette.

   Please wait...
   ```

   The system calculates the number of UNIX-formatted diskettes needed to back up the guest database and speech files and then displays the following message:

   ```
   You will need approximately X floppy
   diskette
   (1.44 Meg) for backup of guest database

   Please wait...

   You will need approximately X floppy
   diskettes
   (1.44 Meg) for backup of guest speech
   ```

   where *X* is the number of diskettes needed for the backup.

   The system displays the following message:

   ```
   Label a UNIX formatted floppy “Migration
   Save Files:  1”.

   Insert it in floppy drive

   Press ENTER to continue . . .
   ```

4. Label one of the UNIX-formatted diskettes as “Migration Save Files: 1” and insert it into the diskette drive.

5. Press ENTER.

   The system lists the files and displays the following message:

   ```
   Backup of UNIX files complete.
   ```

   The system displays the following message:

   ```
   Backing up guest speech data . . . . .

   ****************************************
   ***************

   *  CAUTION :This procedure is a time
   consuming operation if

   *your application involves a large speech
   database.

   *It is recommended that you do this
   operation

   *during off hours.

   ****************************************
   ***************

   Do you wish to continue [y/n]:
   ```

6. Remove the diskette from the drive.

7. Do one of the following:

   - If the customer wants to migrate the guest speech files, enter **y** and continue with Step 8.
   - If the customer does not want to migrate the guest speech files, enter **n** and continue with Run the Migration.

   It is recommended that you migrate the guest speech files. The migration process allows you to exclude guest speech files from the backup but problems may arise with the guest database.

8. Label all the diskettes with "*Migration Save Speech*" and a sequence number, then press ENTER.

   If more diskettes are required, the system requests the next diskette.

   The system displays a list of the phrase numbers and phrases being backed up and then displays the following message:

   ```
   Backup of speech files complete . . .

   Messaging Waiting Lamps will be turned off..

   Getting list of extensions with new
   messages..
   ```

   The system displays a list of extensions, the deactivated messaging waiting lamps (MWLs), and the following message:

   ```
   Please select one of the options:

   1) Migrate System files and Custom prompts
   only OR
   2) Migrate Entire Guest Database and speech
   and system files
   3) Exit
   ```

9. Remove the diskette from the drive and continue with Running the Migration.

Running the Migration

Run the migration to move AUDIX Voice Power Lodging subscriber data to the Avaya Intuity system.

To run the migration:

1. Go to the Avaya Intuity system.
2. At the UNIX prompt, enter **cd /ldg/bin/mig**
3. Enter **ldg_mig**

   The system displays the following message:

   ```
   Migrating to Intuity Lodging 2.1

   Press enter to continue...
   ```

4. Press ENTER.

   The system displays the following message:

   ```
   ==== Migration From AVPL ====

   1) Restore AVPL data from Diskette
   2) Create Migration Package Diskette
   3) Display Error File
   4) Exit
   ```

5. At the Migration From AVPL menu, enter **1**

   The system displays the following prompts:

   ```
   Insert the floppy disk with the AUDIX Voice
   Power Lodging backup
   System files and Custom prompts on it.

   Press enter to continue.
   ```

6. Insert the diskette labeled "*System Files and Custom Prompts*" into the diskette drive and press ENTER.

   After the files are transferred, the system displays the following message:

   ```
   System files and custom prompt migration
   completed.
   Press enter to continue . . .
   ```

7. Press ENTER.

   The system displays the following message:

   ```
   Restoration of Guest database in progress .
   . .

   Please insert Guest database [Migration Save
   Files: 1] diskette
   in floppy drive and press ENTER when ready
   or
   press 'q' to quit . . .
   ```

8. Do one of the following:

   - If the customer is *not* migrating the guest database and speech files, enter q. The system returns to the `Migration From AVPL` screen. Continue with Check the Error File.
   - If the customer is migrating the guest database and guest speech files, continue with Step 9.

9. Insert the first diskette labeled “Migration Save Files” into the diskette drive and press ENTER.

   The system displays a list of the guest database files being migrated. Once the files are migrated the system displays the number of blocks migrated.

CAUTION:
The system may display error messages about the data. Record these errors and call the Remote Services Center.

10. Remove the Migration Save Files backup diskette from the diskette drive.

11. Insert one of diskettes labeled "Migration Save Speech" into the diskette drive and press ENTER.

    Note:
    You can insert the diskettes into the drive for migration in any order. They do *not* need to be restored in the order in which you backed them up.

    The system displays the following message:

    ```
    Please wait ....
    ```

    The system displays the numbers of restored phrases and the following message:

    ```
    Please insert Guest Speech (Migration Save
    Speech) diskette in floppy drive and press
    ENTER when ready
    or press ‘q’ to quit when all floppies have
    been read . . .
    ```

12. If there is more than one Guest Speech diskette, insert the next one in the diskette drive and press ENTER. Continue until all Guest Speech diskettes have been read.

13. When all diskettes have been read, remove the last diskette from the drive and enter **q**

    Once the migration is complete, the system displays the following message:

    ```
    Guest database and speech migration
    completed.
    ```

    If the Intuity voice system is active, the system displays the following message:

    ```
    ****************************************
    **********

    Please stop and start the Voice system . . .

    ****************************************
    **********

    Press enter to continue . . .
    ```

14. Press ENTER.

    The system displays the following message:

    ```
    ==== Migration From AVPL ====

    1) Restore AVPL data from Diskette
    2) Create Migration Package Diskette
    3) Display Error File
    4) Exit
    ```

15. Continue with Checking the Error File (page 248).

Checking the Error File

Check the error file for any additional error messages that may have appeared during the data transfer.

To check the error file:

1. At the Migration from AVPL menu, enter **3**

   The system displays a list of error messages, if any were encountered. If there were no errors, the system displays the following message:

   ```
   No errors . . .

   Press Enter to continue...
   ```

2. Make a note of any error displayed. If errors cause problems, contact the remote maintenance center.

   Note:
   To exit the log file before you reach the end, enter **q** at the colon (:).

3. Press ENTER to return to the Migration From AVPL menu.

4. Enter **4**

   The system displays the UNIX prompt.

Administering the Switch

Once the migration of data and speech files from the AUDIX Voice Power Lodging system to the Avaya Intuity system has been successfully completed, administer the switch used with the Avaya Intuity system.

Several AUDIX Voice Power Lodging and voice mail system configurations are possible. Select the correct administration procedure from the list:

If the customer is migrating from:	and has:	then continue with:
Audix Voice Power Lodging R1.1	Co-resident AUDIX Voice Power for hotel staff	AUDIX Voice Power Lodging R1.1 with Co-resident System (page 250)
Audix Voice Power Lodging R3	Co-resident AUDIX Voice Power for hotel staff	AUDIX Voice Power Lodging R3.0 with a Co-resident System (page 252)
Audix Voice Power Lodging R3	Co-resident AUDIX Voice Power for hotel staff and the ICSS Low End Voice Mail software	AUDIX Voice Power Lodging R3.0 with ICSS Low End Voice Mail Software (page 254)
Audix Voice Power Lodging R1.1	Other or no co-resident voice mail	AUDIX Voice Power Lodging R1.1 Only (page 256)
Audix Voice Power Lodging R3	Other or no co-resident voice mail	AUDIX Voice Power Lodging R3.0 Only (page 257)

AUDIX Voice Power Lodging R1.1 with Co-resident System

To administer the G1, G3i, G3s, and G3vs DEFINITY switches after migrating from AUDIX Voice Power Lodging R1.1:

1. Stop the AUDIX Voice Power Lodging system and shut the machine off.

2. Unplug all tip/ring lines from the AUDIX Voice Power Lodging system and tag them with their extension number and a number corresponding to the order in which they were removed.

3. Unplug the switch interface link from the AUDIX Voice Power Lodging system and connect it to the GPsync card on the Avaya Intuity system.

4. Unplug the PMS link cable from AUDIX Voice Power Lodging and plug the cable into the serial port reserved for the PMS on Avaya Intuity Lodging.

5. Plug all the tip/ring lines removed from the AUDIX Voice Power Lodging system into the voice card on the Avaya Intuity system in the same order in which they were connected to the AUDIX Voice Power system.

6. On the DEFINITY system, remove the extension number used for accessing staff voice mail. At the command line, enter:

   remove station *extension number*

   where *extension number* is the extension number associated with the staff voice retrieval.

7. Determine the voice mail hunt group:

   a. On the switch console, enter **list hunt-group**

   b. Write down the hunt group number for which the Message Center is listed as “audix” or “A”. The hunt group number is needed for later steps.

8. Change the voice mail hunt group:

   a. On the switch console, enter

      change hunt-group *hunt group number*

      where *hunt group number* is the hunt group number determined in Step 7. This hunt group is referred to as the "Avaya Intuity hunt group" in following steps.

   b. Write down the extension number in the `Group Extension` field. This will be needed in Step 10.

c. Enter the staff voice mailbox extension number in the `Group Extension` field. This is the same extension number used in Step 6.

d. On the Group Member Assignment screen, enter the tip/ring line extension numbers in the order in which they are connected to the Avaya Intuity system.

e. Press ENTER to save the changes.

9. Create a coverage path to send all calls to the Avaya Intuity hunt group:

   a. On the switch console, enter **add coverage-path *unused number***

      where *unused number* is any number not currently in use.

   b. Enter the Avaya Intuity hunt group as the coverage point and enter **ALL** as the Criteria for coverage.

   c. Press ENTER to save the changes.

10. Add a phantom station for use as the guest voice mail retrieval number:

    a. Enter **add station *extension number***

       where *extension number* is the group extension number as noted in Step 8.

    b. Enter **x** in the `Port` field to indicate that this station does not have hardware associated with it.

       On some System 75 systems, this is not permitted. Enter a valid unused port ID instead.

    c. Enter the coverage path created in Step 9 in the `Coverage Path` field.

    d. Press ENTER to save the changes.

11. Disable the switch interface link:

    a. On the switch console, enter **disp communication-interface links**

    b. Write down the link number whose `identification` field is `"audix"`.

    c. Enter **busyout *link number***

       where link number is from bullet Step b.

d. On the switch console, enter **change communication-interface links**

e. Complete the following for the link number from the steps above:

(1) Enter **n** in the `Enable` field.

(2) Enter **DTE** in the `DTE/DCE` field.

(3) Press ENTER to save the changes.

12. Change the processor channel:

a. On the switch console, enter **change communication-interface processor-channels**

b. In the `Proc Chan 59` field, enter **1**

13. Enable the switch interface link:

a. On the switch console, enter **change communication-interface links**

b. Enter **y** in the `Enable` field for the link number used in the steps above.

c. Press ENTER to save the changes.

14. Administer the Avaya Intuity system to process calls. See the Initial Administration and Test for Features menu on the Intuity Messaging Solutions R5 Documentation CD for more information.

AUDIX Voice Power Lodging R3.0 with a Co-resident System

To administer any DEFINITY switch after migrating from AUDIX Voice Power Lodging R3.0 on a co-resident system:

1. Stop the AUDIX Voice Power Lodging system and shut the machine off.

2. Unplug all tip/ring lines from the AUDIX Voice Power Lodging system and tag them with their extension number and a number corresponding to the order in which they were removed.

3. Unplug the PMS link cable from AUDIX Voice Power Lodging and plug the cable into the serial port reserved for PMS on the Avaya Intuity Lodging system.

4. Plug all the tip/ring lines removed from the AUDIX Voice Power Lodging system into the voice card on the Avaya Intuity system

in the same order in which they were connected to the AUDIX Voice Power system.

5. Remove the extension number used for accessing guest voice mail messages on the DEFINITY switch console by entering **remove station *extension number***

   where *extension number* is the extension number associated with the guest voice retrieval.

6. Remove the extension number used for accessing staff voice mail messages on the switch console entering **remove station *extension number***

   where *extension number* is the extension number associated with the staff voice mail retrieval.

7. Perform Avaya Intuity switch administration tasks described in the appropriate switch administration book, beginning at the "Assign Hunt Group" section.

8. To assign the hunt-group:

   a. Enter the staff voice mailbox extension number in the `Group Extension` field. This number is the same as that used in Step 6.

   b. On the Group Member Assignment screen, enter all the tip/ring extension numbers in the order in which they are connected to the Avaya Intuity system.

   c. Press ENTER to save the changes.

9. Create a coverage path to send all calls to the Avaya Intuity hunt group:

   a. On the switch console, enter **add coverage-path *unused number***

      where *unused number* is a number not currently in use.

   b. Enter the Avaya Intuity hunt group as the coverage point and enter **ALL** as the criteria for coverage.

   c. Press ENTER to save the changes.

10. Add a phantom station for use as the guest voice mail retrieval number:

    a. Enter **add station *extension number***

       where *extension number* is the guest mail retrieval number as used in Step 5.

    b. Enter **x** in the `Port` field to indicate that this station does not have hardware associated with it.

       On some System 75 systems, this is not permitted. Enter a valid unused port ID instead.

    c. Enter the coverage path created in Step 9 in the *Coverage Path* field.

    d. Press ENTER to save the changes.

11. Administer the Avaya Intuity system to process calls. See the Initial Administration and Test for Features menu on the Intuity Messaging Solutions R5 Documentation CD for more information.

AUDIX Voice Power Lodging R3.0 with ICSS Low End Voice Mail Software

To administer any DEFINITY switch after migrating from AUDIX Voice Power Lodging R3.0 with AUDIX Voice Power for hotel staff and the ICSS Low End Voice Mail software:

1. Stop the AUDIX Voice Power Lodging system and shut the machine off.

2. Unplug all tip/ring lines from the AUDIX Voice Power Lodging system and tag them with their extension number and a number corresponding to the order in which they were removed.

3. Unplug the PMS link cable from AUDIX Voice Power Lodging and plug the cable into the serial port reserved for PMS on Avaya Intuity Lodging.

4. Plug all the tip/ring lines removed from the AUDIX Voice Power Lodging system into the voice card on the Avaya Intuity system in the same order in which they were connected to the AUDIX Voice Power system.

5. Remove the extension number used for accessing staff voice mail messages on the DEFINITY switch console by entering **remove station *extension number***

   where *extension number* is the extension number associated with the staff voice retrieval.

6. Perform Avaya Intuity switch administration tasks described in the appropriate switch administration book, beginning at the "Assign Hunt Group" section.

7. To assign the hunt-group:

   a. Enter the staff voice mail retrieval number in the `Group Extension` field. This number is the same as that used in Step 5.

   b. On the Group Member Assignment screen, enter all the tip/ring extension numbers in the order in which they are connected to the Avaya Intuity system.

   c. Press ENTER to save the changes.

8. Create a coverage path to send all calls to the Avaya Intuity hunt group:

   a. On the switch console, enter **add coverage-path *unused number***

      where *unused number* is a number not currently in use.

   b. Enter the Avaya Intuity hunt group as the coverage point and enter **ALL** as the criteria for coverage.

   c. Press ENTER to save the changes.

9. Add a phantom station to use as the new guest voice mail retrieval number:

   a. On the switch console, enter **add station *extension number***

   b. Enter **x** in the `Port` field to indicate that this station does not have hardware associated with it.

      On some System 75 systems, this is not permitted. Enter a valid unused port ID instead.

   c. Enter the coverage path created in Step 9 in the `Coverage Path` field.

   d. Press ENTER to save the changes.

10. Administer the Avaya Intuity system to process calls. See the Initial Administration and Test for Features menu on the Intuity Messaging Solutions R5 Documentation CD for more information.

AUDIX Voice Power Lodging R1.1 Only

To administer DEFINITY G1, G3i, G3s, and G3vs switches after migrating from AUDIX Voice Power Lodging R1.1 on a non co-resident system:

1. Stop the AUDIX Voice Power Lodging system and shut the machine off.
2. Unplug all tip/ring lines from the AUDIX Voice Power Lodging system and tag them with their extension number and a number corresponding to the order in which they were removed.
3. Unplug the switch interface link from the AUDIX Voice Power Lodging system and connect it to the GPsync card on the Avaya Intuity system.
4. Unplug the PMS link cable from the AUDIX Voice Power Lodging system and plug the cable into the serial port reserved for the PMS on the Avaya Intuity Lodging system.
5. Plug all the tip/ring lines removed from the AUDIX Voice Power Lodging system into the voice card on the Avaya Intuity system in the same order in which they were connected to the AUDIX Voice Power system.
6. Disable the switch interface link:
    a. On the switch console, enter **disp communication-interface links**
    b. Write down the link number whose `identification` field is `“audix”`.
    c. Enter **busyout *link number***

       where *link number* was written down in bullet Step b.
    d. On the switch console, enter **change communication-interface links**
    e. Complete the following for the link number used in the steps above:
        - Enter **n** in the `Enable` field.
        - Enter **DTE** in the `DTE/DCE` field.
        - Press ENTER to save the changes.

7. Change the processor channel:

   a. On the switch console, enter **change communication-interface processor-channels**

   b. In the `Proc Chan 59` field, enter **1**

8. Enable the switch interface link:

   a. On the switch console, enter **change communication-interface links**

   b. Enter **y** in the `Enable` field for the link number used in the steps above.

   c. Press ENTER to save the changes.

9. Administer the Avaya Intuity system to process calls. See the Initial Administration and Test for Features menu on the Intuity Messaging Solutions R5 Documentation CD for more information.

AUDIX Voice Power Lodging R3.0 Only

To administer all DEFINITY switches after migrating from AUDIX Voice Power Lodging R3.0 on a non co-resident system:

1. Stop the AUDIX Voice Power Lodging system and shut the machine off.

2. Unplug all tip/ring lines from the AUDIX Voice Power Lodging system and tag them with their extension number and a number corresponding to the order in which they were removed.

3. Unplug the PMS link cable from the AUDIX Voice Power Lodging system and plug the cable into the serial port reserved for the PMS on the Avaya Intuity Lodging system.

4. Plug all the tip/ring lines removed from the AUDIX Voice Power Lodging system into the voice card on the Avaya Intuity system in the same order in which they were connected to the AUDIX Voice Power system.

5. Remove the extension number used for accessing guest voice mail messages on the DEFINITY switch by entering **remove station *extension number***

   where *extension number* is the extension number associated with guest voice mail retrieval.

6. Perform Avaya Intuity switch administration tasks as described in the appropriate switch administration book.

7. To assign the hunt-group:

   a. Enter the guest voice mailbox extension number in the `Group Extension` field. The same number used in Step 5.

   b. On the Group Member Assignment screen, enter all the tip/ring extension numbers in the order in which they are connected to the Avaya Intuity system.

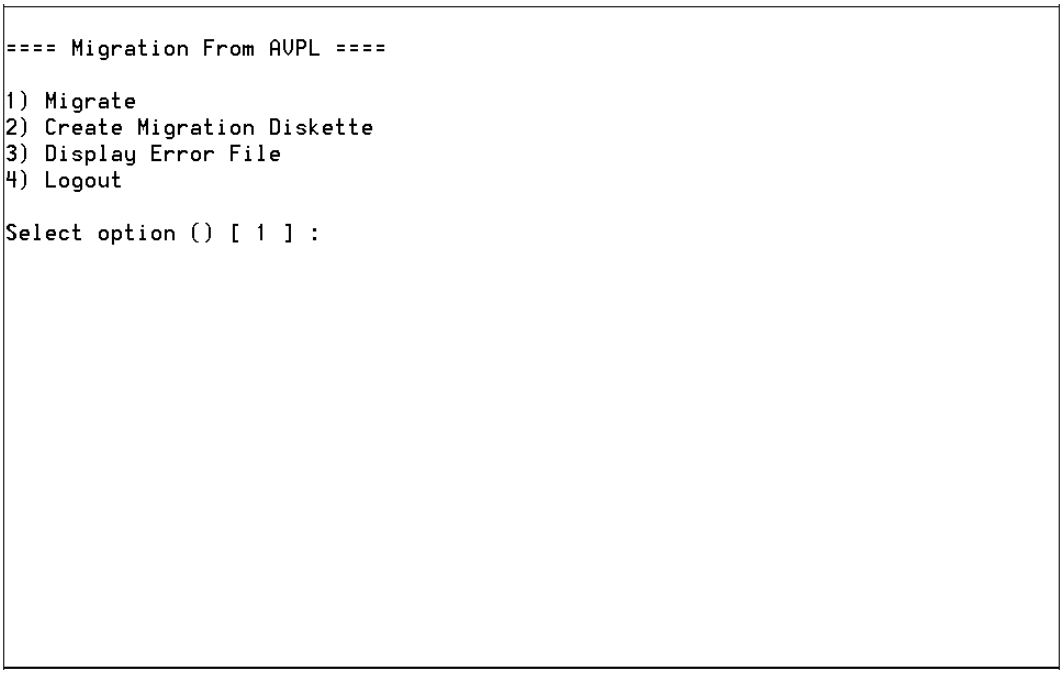
   c. Press ENTER to save the changes.

8. Administer the Avaya Intuity system to process calls. See the Initial Administration and Test for Features menu on the Intuity Messaging Solutions R5 Documentation CD for more information.

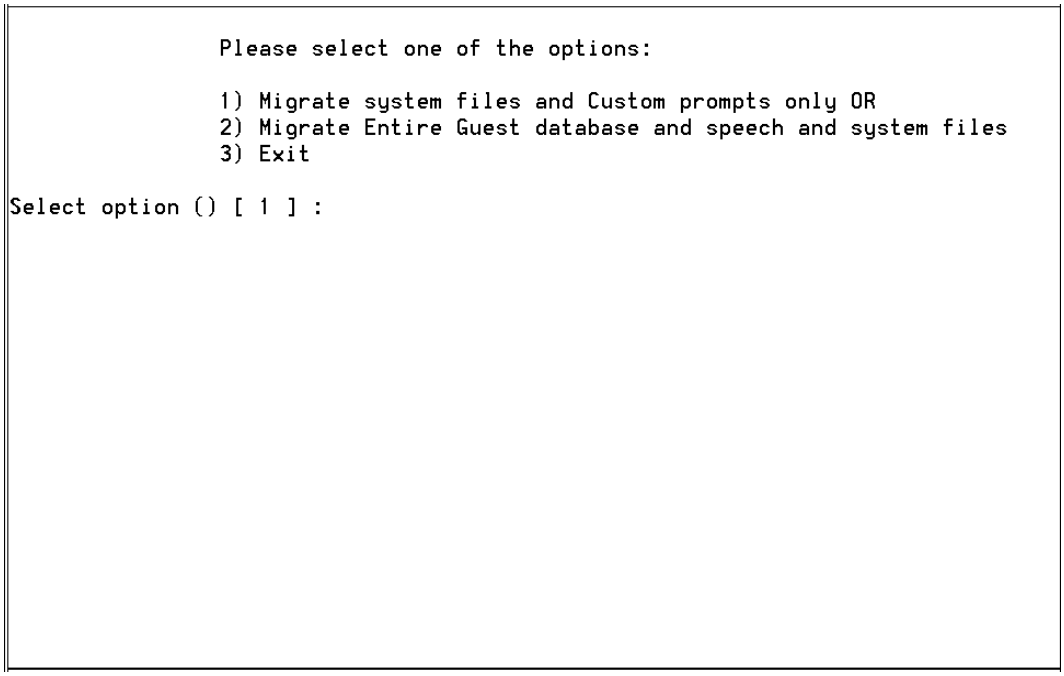
Migrations Menu

```
==== 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 AVPL Menu



AUDIX Voice Power Lodging Migration Menu



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 Avaya 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 Avaya Intuity main menu.

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

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

Migration Log File Error Codes

A variety of error codes may appear in a migration log file. Use the corresponding descriptions 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
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

Table: Migration Log File Error Codes

Code	Description
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
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

Table: Migration Log File Error Codes

Code	Description
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.
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

Table: Migration Log File Error Codes

Code	Description
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 **y**
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
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

Table: Migration Log File Error Codes

Code	Description
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
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

Table: Migration Log File Error Codes

Code	Description
136	Conflicting new class of service name
137	Illegal extension (add subscriber command line)
138	Confirm turning off CDR (**ch sys cdr**)
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
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

Table: Migration Log File Error Codes

Code	Description
163	Cannot write to tape — volume type must be “backup”
164	Restore failed — check admin/error logs
165	DATEMSK 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
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

Table: Migration Log File Error Codes

Code	Description
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
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

Table: Migration Log File Error Codes

Code	Description
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 #
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

Table: Migration Log File Error Codes

Code	Description
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
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

Table: Migration Log File Error Codes

Code	Description
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 **y** 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
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

Table: Migration Log File Error Codes

Code	Description
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
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

Table: Migration Log File Error Codes

Code	Description
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
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

Table: Migration Log File Error Codes

Code	Description
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
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

Table: Migration Log File Error Codes

Code	Description
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 erro
1199	Length or
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

Table: Migration Log File Error Codes

Code	Description
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)
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.

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
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)

Table: Field Description Error Numbers

Field	Description
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
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

Table: Field Description Error Numbers

Field	Description
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
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

Table: Field Description Error Numbers

Field	Description
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

A

Audiences
- primary, ix
- secondary, ix

AUDIX R1 migration
- checklist, 2
- overview, 1
- printer types, 44

AUDIX Voice Power Lodging migration
- creating data diskette, 238
- overview and checklist, 235

AUDIX Voice Power migration
- checklist, 148
- correcting user names with suffixes, 149
- printer types, 171

C

checklists
- AUDIX R1 migration, 2
- AUDIX Voice Power Lodging migration, 235
- AUDIX Voice Power migration, 148
- DEFINITY AUDIX migration, 73
- MERLIN LEGEND AUDIX Voice Power migration, 192

connecting
- external tape drive to Intuity AUDIX (migrations), 113

D

DEFINITY AUDIX migration
- checklist, 73

Document audience, ix

Document purpose, ix

drives
- external tape, DEFINITY AUDIX migration, 93

DTE connection, serial printer on 715 terminal for migrations, 44

E

electrostatic discharge (ESD) protection, xv

error code list, migrations, 263

F

field descriptions, migration errors, 279

I

Intended audiences, ix

M

MAP/5P
removing SCSI interface card for migrations, 134
MERLIN LEGEND AUDIX Voice Power migration
checklist, 192
correcting user names with suffixes, 194
moving voice port cabling, 233
printer types, 220
migrations
AUDIX R1 checklist, 2
AUDIX Voice Power checklist, 148
AUDIX Voice Power Lodging procedures checklist, 235
busying out switch data link, 80
connecting external tape drive to Intuity AUDIX, 113
DEFINITY AUDIX checklist, 73
field descriptions, 279
installing the migration software, 27, 87, 154, 198
log file errors, 263
MERLIN LEGEND AUDIX Voice Power checklist, 192
releasing switch data link, 140
removing MAP/5P SCSI interface card, 134
removing migration software, 61, 136, 188, 231, 261

P

printer types
AUDIX R1 migration, 44
AUDIX Voice Power migration, 171
MERLIN LEGEND AUDIX Voice Power migration, 220
printers
serial on 715 terminal for migrations, 44

R

Resources, related, xvii

S

SCSI interface circuit card
removing for migrations to MAP/5P, 134
software
migration, installing, 27, 87, 154, 198
migration, removing, 61, 136, 188, 231, 261

T

tape drive
connecting external, DEFINITY AUDIX migration, 93
terminal types
AUDIX R1 V8 migration, 4
DEFINITY AUDIX migration, 78