585-300-402
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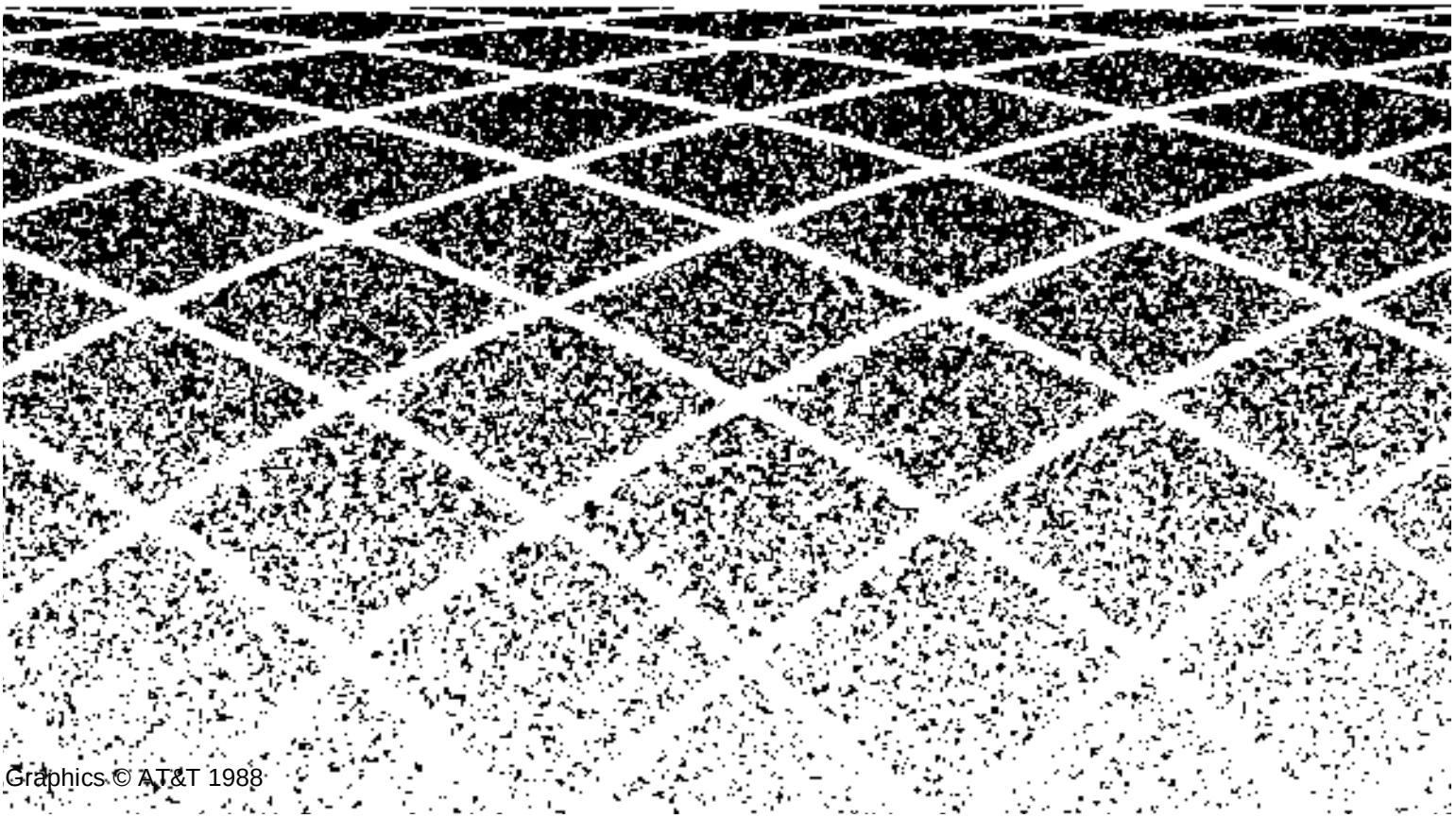
DEFINITY AUDIX
R2.0 to R3.0
Change Description



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Contents

Table of Contents i

About This Document vii

- Intended Audiences vii
- How this Document is Organized vii
- How to Use This Document viii
- Conventions Used viii
- Trademarks and Service Marks viii
- Related Documentation/Training ix
- How to Comment on This Document x

1 New and Enhanced Features 1-1

- Multilingual And Tdd 1-1
- Login Announcement Set 1-2
- Call Answer Language Choice 1-2
- Dual Language Greetings 1-2
- Automated Attendants 1-3
- Upgrade Provision 1-3
- Multilingual Feature Administration 1-3
  - System-Parameters Customer-Options Form 1-4
  - Subscriber Form 1-5
  - Class-of-Service Form 1-6
  - List Measurements Load Form 1-7
  - System-Parameters Thresholds Form 1-8
- Disconnect Signaling Detection 1-9
  - Quick-Silence Disconnect 1-9
  - Tone-Based Disconnect 1-9
- Disconnect Detect Administration 1-10
- Amis Analog Networklng Enhancement 1-10
- Proprietary Disk Protectlon 1-11

Contents

- User Interface Enhancements 1-11
  - Addressing Enhancement 1-11
  - Reply Loop Enhancement 1-11
  - Transfer Type 1-11
  - Rewind/Advance Increment 1-11
  - Zero Transfer Enhancement 1-12
  - Undelete Enhancement 1-12
  - Transfer out of AUDIX Update 1-12
  - Name Voiceback/Status Update 1-12

2 Major System Modifications 2-1

- Hardware Modifications 2-1
  - Filesystem Modifications 2-1
  - Announcement And Fragment Changes 2-2
  - Announcement Set Identifiers 2-2
  - U.S. English Announcement and Fragment Changes 2-4
  - British English Announcement and Fragment Changes 2-5
  - Latin Spanish Announcement and Fragment Changes 2-6
  - Canadian French Announcement and Fragment Changes 2-7

3 Changes, Improvements, and Notes 3-1

- Administration Notes 3-1
  - ADAP Dialup Capability 3-1
  - DCS, Host Switch Connection 3-1
  - Firmware Vintage Update During Upgrade 3-1
  - Subscriber with Auto-Attendant cos 3-2
  - Duplicated Names in Preadministered AMIS 3-2
  - AMIS Measurements 3-2

Contents

Validated Callback Number-Country Code 3-2
TDD Name Recording Time Limit 3-2
AUDIX Access with 71O1a/b Terminals 3-2
Announcement Set Names 3-3
Announcement Form Enlargement 3-3
- Maintenance Notes 3-3
Auditing/Testing Tape Simultaneously 3-3
Audits in Progress 3-3
System Reset During Tape operation 3-3
Tape Medium Error 3-3
Activity Log/Message Waiting Indication Updates 3-4
Traffic Data Default 3-4
Use of Return Versus Enter Key 3-4

IN **Index** IN-1

Contents

About This Document

This document describes hardware and software changes between DEFINITY® AUDIX® Release 3.0 (R3.0) and the earlier Release 2.0 (R2.0).

These changes and enhancements will be available on all new DEFINITY AUDIX systems and for all DEFINITY AUDIX upgrades. Systems currently running R2.0 software which exhibit no problems will *not* be issued this change unless specifically requested by AT&T remote services personnel.

Intended Audiences

The system administrator is one of the primary audiences for this document. Much of the material in this document directly affects the DEFINITY AUDIX system administrator or the subscribers that the system administrator supports.

The information in this document is also useful to AT&T sales and marketing personnel, AT&T remote services personnel, and other AT&T personnel who must understand and support DEFINITY AUDIX voice mail systems.

How this Document is Organized

Changes to the DEFINITY AUDIX system are divided into three categories, as indicated below.

Chapter 1, "New and Enhanced Features"

Chapter 2, "Major System Modifications"

Chapter 3, "Changes, Improvements, and Notes"

How to Use This Document

This document supplements the documentation set received with a new DEFINITY AUDIX R3.0 system. It is most useful for summarizing differences between the current and previous software releases if a DEFINITY AUDIX system is upgraded to R3.0.

Conventions Used

The following typographic conventions are used in this document:

- Terminal keys and telephone buttons that you press are shown in curved-edge boxes. For example, an instruction to press the return, carriage return, or equivalent key is shown in this document as:

  Press RETURN.

- The word *enter* means to type a value and press RETURN. For example, an instruction to type the letter *y* and press RETURN is shown in this document as:

  Enter **y** to continue.

- DEFINITY AUDIX screen forms and other information that appears on the terminal screen is shown in constant-width type. For example:

  The `Machine Name` field appears on the `change machine` form.

- Variables for which you or the system substitute a word specific to your own application are shown in italic type. For example, an error message that appears on the screen with the name of your own specific filename might appear generically in this document as:

  Your file ***<filename>*** is formatted incorrectly.

Trademarks and Service Marks

The following trademarked products are mentioned in this document:

- AUDIX® is a registered trademark of AT&T.
- DEFINITY® is a registered trademark of AT&T.

Related Documentation/Training

The following documents describe DEFINITY AUDIX R3.0 systems.

Title	Number	Issue
DEFINITY AUDIX System—Documentation Guide	585-300-011	3 or later
DEFINITY AUDIX System—Feature Descriptions	585-300-206	3 or later
Planning for the DEFINITY AUDIX System	585-300-904	4 or later
DEFINITY AUDIX System—Installation	585-300-111	4 or later
DEFINITY AUDIX System—Installation Checklist	585-300- 109	3 or later
Switch Administration for the DEFINITY AUDIX System	585-300-509	4 or later
DEFINITY AUDIX System—Administration	585-300-507	3 or later
DEFINITY AUDIX System R3.—Forms Reference	585-300-210	I or later
DEFINITY AUDIX System—Maintenance	585-300-110	3 or later
AUDIX Administration and Data Acquisition Package	585-302-502	9 or later
AMIS Analog Networking	585-300-512	3 or later
Outcalling Quick Reference	585-310-721	I or later
A Portable Guide to Voice Messaging	585-300-701	2 or later
Voice Messaging Quick Reference	585-300-702	3 or later
Multiple Personal Greetings Quick Reference	585-300-705	3 or later
Voice Messaging Subscriber Document Artwork	585-300-703	3 or later
Voice Messaging Wallet Card	585-300-704	2 or later
Voice Messaging Business Card Stickers	585-304-705	2 or later
DEFINITY AUDIX System Announcement Customization—U.S. English	585-300-516	3 or later
DEFINITY AUDIX System Announcement Customization—Latin Spanish	585-300-528	1 or later
DEFINITY AUDIX System Announcement Customization—Canadian French	585-300-529	1 or later
DEFINITY AUDIX System Announcement Customization—British English	585-300-530	1 or later
DEFINITY AUDIX System Announcement Customization—U.S. English TDD	585-300-526	1 or later

Refer to the *Global Business Communications Systems Publication Catalog* (555-000-010) for a listing of manuals relating to switching systems and peripheral equipment that can be integrated with the DEFINITY AUDIX system.

How to Comment on This Document

Reader comment cards are at the beginning of this document. While we have tried to make this document fit your needs, we are interested in your suggestions for improving it and urge you to fill one out.

If the reader comment cards are missing, please send your comments and suggestions to:

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Product Documentation Development Department
Room 22-2C 11
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New and Enhanced Features

1

This chapter describes new and enhanced features in the R3.O DEFINITY AUDIX system. It also shows administrative form changes that were needed to add these features.

Multilingual And Tdd

Earlier DEFINITY AUDIX software normally provided standard and terse U.S. English announcement sets. In countries where more than one language is spoken, the R3.0 Multilingual feature allows primary and secondary language sets to be substituted or added for use in Voice Mail and Call Answering.

In addition, a U.S. English Telecommunications Device for the Deaf (TDD) announcement set can be provided for your hearing-impaired subscribers and callers. (TDD sets are available at any AT&T phone center. For information about operation, refer to the TDD user guide.)

The number of announcement sets put on a system is determined by available disk space. Each language set takes up the following amount of space (in Megabytes), with allowance for feature growth:

Standard U.S. English	12.4 Mbytes
U.S. 123	11.3 Mbytes
Latin Spanish	13.O Mbytes
Canadian French	14.4 Mbytes
British English	11.8 Mbytes
U.S. English TDD	23.8 Mbytes

For configuration purposes, two hours of space on the disk are assumed for each Multilingual language set (1.6 hours with allowance for feature growth). The TDD announcement set needs approximately three hours.

Using the two-hour capacity for each language set, the number of language sets a system can hold is configured as follows:

- Besides the standard (or terse) set, three extra announcement sets can be added to a six-hour system for a total of *four* sets.
- A I S-hour system can hold *eight* sets.
- A 4O-hour system is limited to a maximum of *nine* sets.

The average response time on a fully-loaded 16-port system will be reduced an average of IO% or less per language set.

Login Announcement Set

As soon as a subscriber on a Multilingual system logs in, the system switches to the subscriber's chosen login announcement set. Prior to the completion of the login sequence, the announcements are drawn from the designated system announcement set.

Call Answer Language Choice

Subscribers can designate a primary and secondary announcement set for calls that cover to their mailbox. Callers to the mailbox interact with the system in the subscriber's chosen primary announcement set unless and until the caller elects to switch to the secondary language.

Subscribers have the option to turn off the Call Answer language choice presented to callers to their mailbox. If the choice is turned off by the administrator, the subscriber's mailbox retains all the functionality afforded to subscribers of non-Multilingual systems. This includes the Multilingual Personal Greetings feature when it is enabled.

Dual Language Greetings

Subscribers electing to enable the Call Answer language choice for calls to their mailbox can also record two separate greetings, one for each language choice presented to the caller.

If the subscriber does not record one or both of the language-specific personal greetings, a system greeting in that language is announced.

Automated Attendants

Automated attendants offer the same bilingual choice to callers as is offered to callers to a subscriber's mailbox. Three or more languages can be used if the customer properly structures the auto-attendant tree.

For instance, the customer might record the first stage of a multi-stage attendant, asking the user to select one language from two or more. The language choice leads the caller down the appropriate branch of the auto-attendant tree where all subsequent auto-attendant menus and prompts are in the selected language.

Upgrade Provision

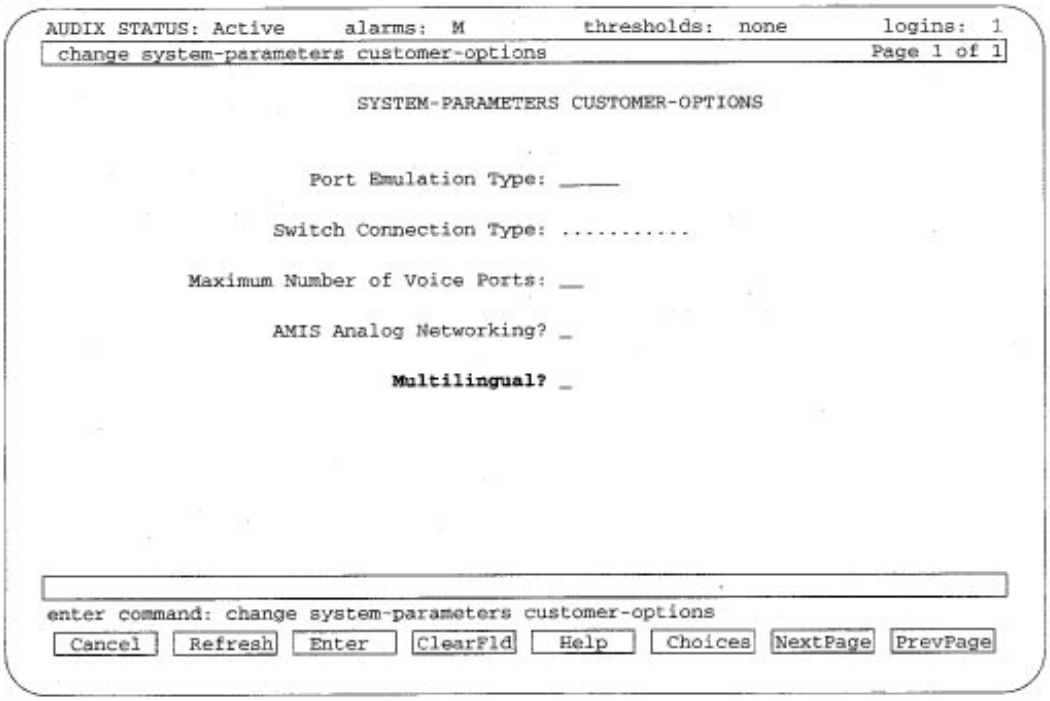
The Multilingual feature requires that all voice data residing on a 4O-hour system be preserved when converting to R3.O. A multi-tape voice data *save* and *restore* capability is therefore built into the upgrade process. These *saves* and *restores* are not available through the administrative/maintenance forms.

Multilingual Feature Administration

Seven administration torms have been changed for the Multilingual feature. Changes in these forms below are shown in bold letters.

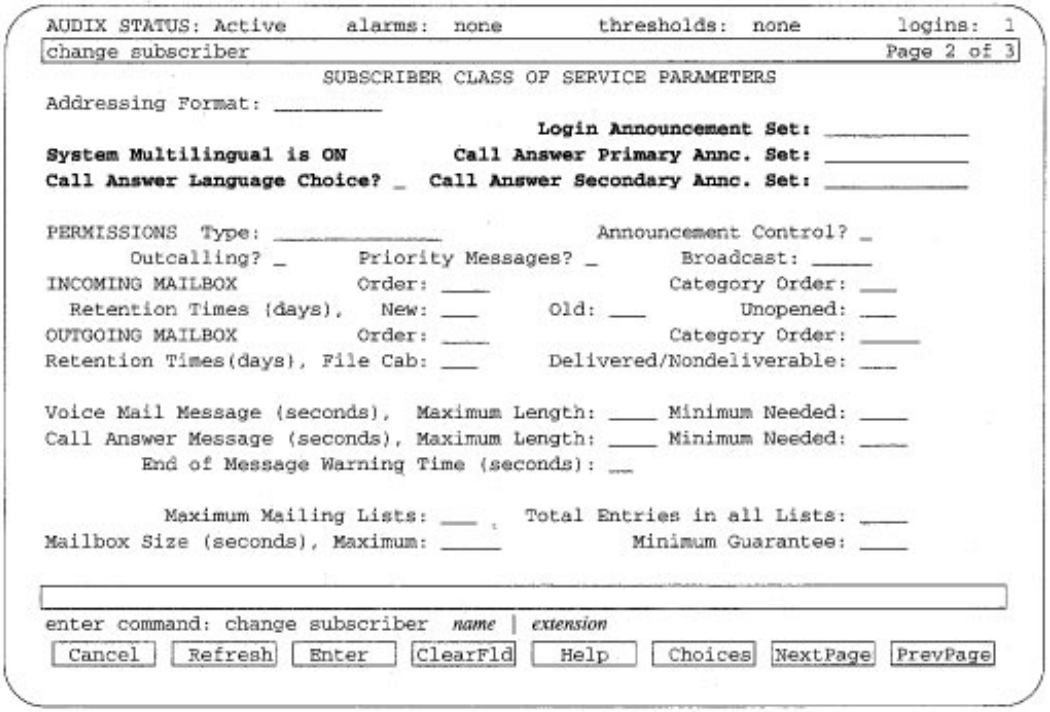
System-Parameters Customer-Options Form

The SYSTEM-PARAMETERS CUSTOMER-OPTIONS form has one new field for the Multilingual feature. Entering a **y** activates the feature.



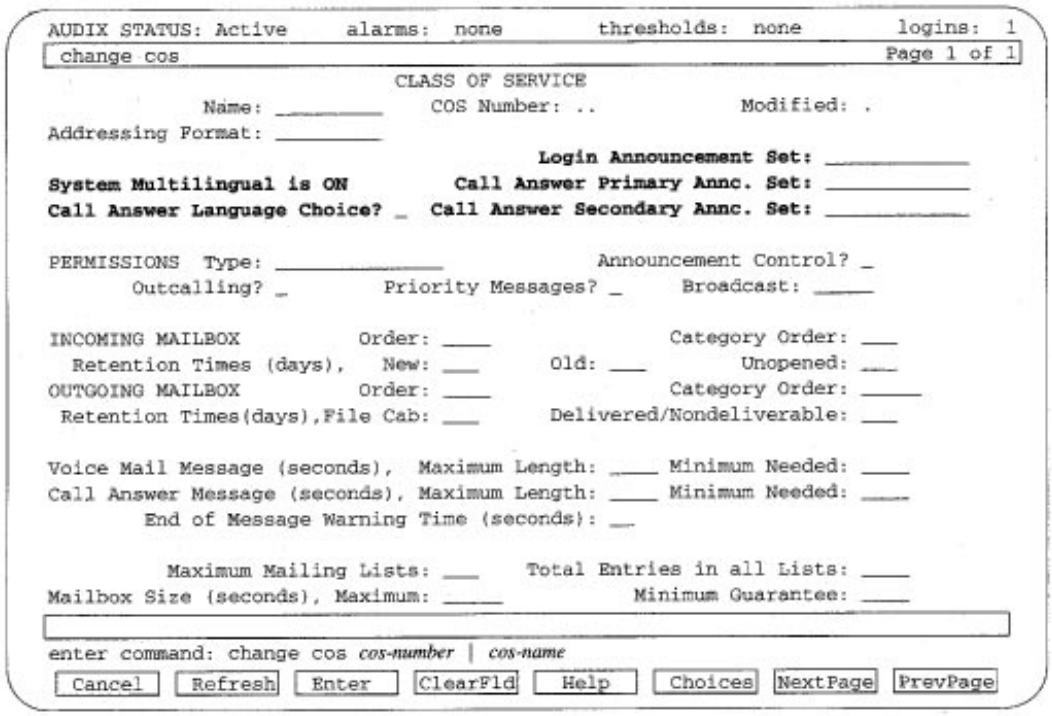
Subscriber Form

Page 2 of the SUBSCRIBER form has one new status field (System Multilingual is _) and four new administrable fields.



Class-of-Service Form

The CLASS-OF-SERVICE form has one new status field (System Multilingual is _) and four new administrable fields.

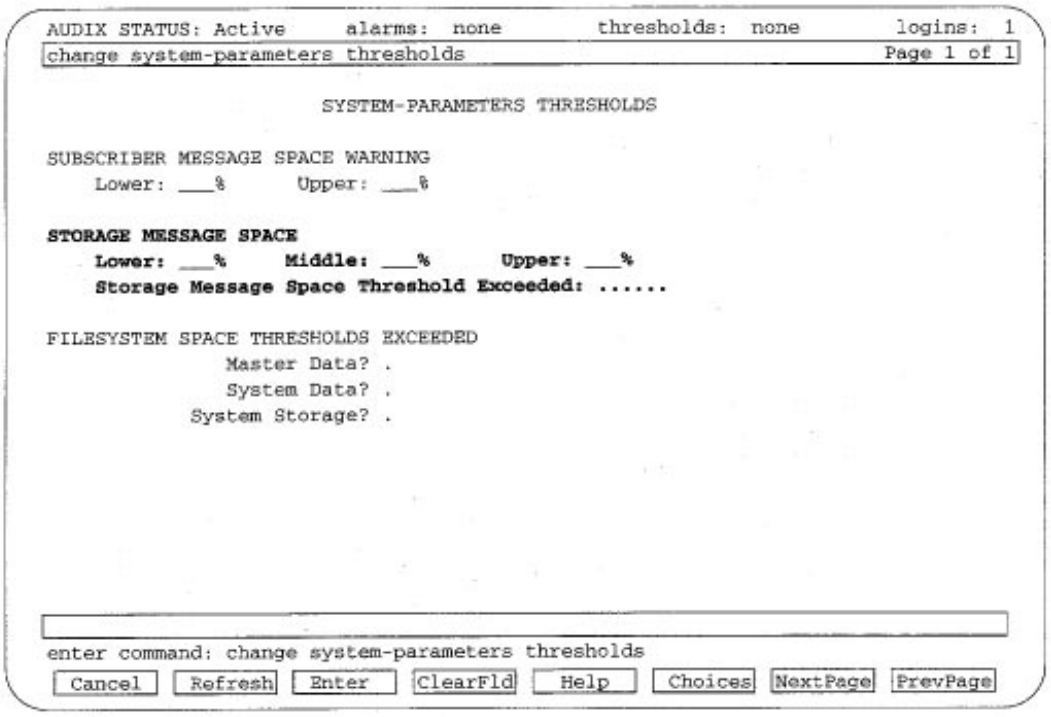


List Measurements Load Form

The LIST MEASUREMENTS LOAD was modified to reflect the change to a single *Storage* filesystem for names, announcements, and voice messages. The `System Storage Used:` field displays the number of blocks used. The `System Storage Free Space:` field lists free storage space.

System-Parameters Thresholds Form

This form was modified to accommodate the integration of the Voice Text, Announcement, and Names filesystems into the *Storage* filesystem. The threshold values for the *Storage* filesystem are expressed as a percent of the total filesystem space.



Disconnect Signaling Detection

This feature was implemented to allow R3.O DEFINITY AUDIX to detect disconnects when the switch is unable to provide the information. The feature prevents ports and trunks from being unnecessarily tied up and keeps disk space from being filled with silence. Two different mechanisms are used.

Quick-Silence Disconnect

This option enhances DEFINITY AUDIX operation for calls where there is no disconnect signaling and the line simply goes silent after the caller hangs up. The system disconnects:

- Immediately during a *call-answer* recording upon detecting silence for an administrable period of time (5 to 3O seconds).
- Immediately during a *call-answer* or *voice mail* recording after two expirations of the Input Time Limit. A system prompt and help message is heard after the first expiration. After the second expiration, the system says "Goodbye" and disconnects.

Tone-Based Disconnect

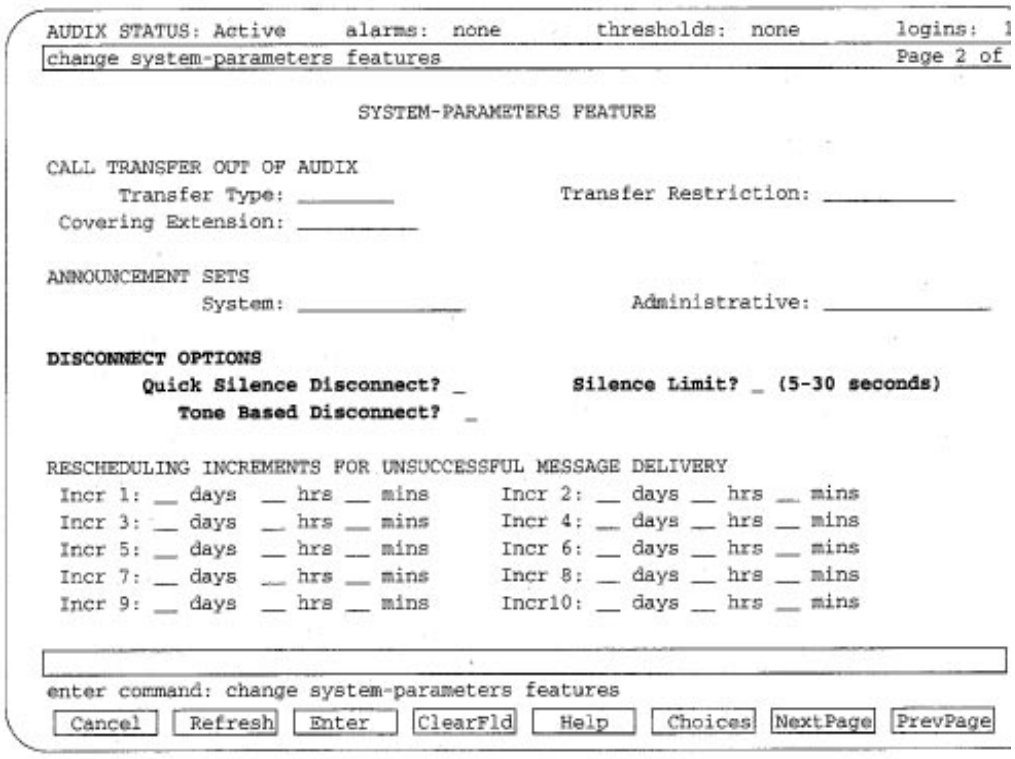
This R3.O enhancement, when administered, drops calls based on tones placed on the line by the Central office after the caller hangs up. Many markets outside North America use a tone-based indication of disconnect.

Call-progress tones, including those used for disconnect signaling, typically range between 35O and 6SO Hz. When Tone-Based Disconnect is enabled, the system's Digital Signal Processors monitor every call for the presence of a continuous or cadenced regular tone in this range. When such tones are detected, the call is dropped.

Other tones, such as DTMF touch tones, charge tones for payphones and toll calls, TDD Baudot tones, and fax/modem signaling and data transmission tones, do not fall within the 35O-to-65O Hz range, so they are not monitored.

Disconnect Detect Administration

The R3.0 system-parameters features forrn has three new fields which allow the Tone-Based and Quick-Silence Disconnect features to be turned on.



Amis Analog Networklng Enhancement

R2.O and earlier releases of DEFINITY AUDIX are not able to send different callback numbers in AMIS messages going to different remote locations.

In the R3.O release, this constraint is removed. Each pre-administered AMIS node is able to use one of five different callback numbers. This allows use of the public network and up to four different private networks for AMIS calls.

Proprietary Disk Protectlon

This feature keeps a customer or GBCS affiliated customer from installing and using a larger disk without purchasing it from AT&T. If a disk is not AT&T sanctioned, it will not boot when the R3.O upgrade is performed, and the upgrade will be aborted. The installer will be instructed to call a Tier 3 engineer, and the system can be restarted on the previously-installed software release.

User Interface Enhancements

The following enhancements and updates have been added to allow subscribers to better use the DEFINITY AUDIX R3.0 system.

Addressing Enhancement

In R1.O and R2.O DEFINITY AUDIX releases, when addressing a message, users who enter an address (followed by #) hear the addressee identified, but then hear no prompt telling them what to do next.

Now, if no keys are pressed within five seconds after the # sign is pressed, a dial-through prompt instructs the user to:

- Enter another address
- Press # if finished

This enhancement maintains compatibility with AUDIX R1V8.

Reply Loop Enhancement

This enhancement allows the user to gracefully loop back to retrieving messages after attempting a reply to a message that cannot be replied to. The user simply presses #.

Transfer Type

This enhancement will cause a subscriber's call to be transferred to coverage mailbox when 0 is pressed.

Before, ringing would continue and AUDIX would not answer.

On the CHANGE SYSTEM-PARAMETERS FEATURES form, the `Transfer Type:` field should be set to **enhanced_`cover_O`**.

Rewind/Advance Increment

This enhancement allows the system administrator to set the advance/rewind intervals to either ten seconds, or the current four seconds.

on the CHANGE SYSTEM-PARAMETERS FEATURES form, the `Set Increment for Rewind` or `Advance` field should be set to **1** or **s**. When "press 5 to rewind, or 6 to advance" is performed, a **1** rewinds or advances the message by 10 seconds. An **s** rewinds or advances the message by four seconds.

Zero Transfer Enhancement

This enhancement allows the system administrator to specify whether a zero transfer is identified to the switch as a *direct* call, or as a *redirected* call. This enhancement is available only in the Control Link mode.

If a transfer is identified as a direct call, the call is subject to call coverage or forwarding as defined for the destination extension.

If a transfer is identified as a redirected call, the call is not subject to call coverage or forwarding.

The switch will not redirect a redirected call.

Undelete Enhancement

This capability allows the user to restore an *incoming* message immediately after it has been deleted by pressing (*) (*) (U).

Transfer out of AUDIX Update

When the Transfer out of AUDIX feature was turned off and a subscriber tried to respond to a message from another local subscriber by pressing (1) (0),the system would play the misleading prompt: "The return address for this message is not a valid extension."

The prompt now states: "Invalid entry. For help, press (*) (H)."

Name Voiceback/Status Update

When an outcall goes to someone, but another subscriber answers the outcall, and logs in, the voice name and mailbox status for that subscriber was not heard.

The following message is now heard: "<Name>. No new messages."

Major System Modifications

2

This chapter covers the major R2.O to R3.O modifications made to DEFINITY AUDIX hardware, filesystems, and announcement sets.

Hardware Modifications

All pre-R3.O systems have an eight-megabyte TNS66 Multifunction Board (MFB) which must be replaced with a 16-megabyte TN566B MFB.

The installation kit taken to the upgrade site contains the following components:

- TN566B
- R3.0 Generic Software
- Anti-Static mat and other ESD protection tools
- Two blank tapes, necessary to save customer data during the upgrade. These tapes will not be left at the upgrade site.
- Return box for TN566

Filesystem Modifications

On a DEEINITY AUDIX disk with R3.O software, the voice text (VTEXT), names (U_NAMES), and announcements (ANNC) filesystems have been integrated into one filesystem, called the storage (SToRAGE) filesystem.

Announcement And Fragment Changes

Prior to an upgrade, the customer must be inforrned what is new in announcements and fragments in the R3.O upgrade, including any multilingual language sets. These changes may impact customized announcements and fra~ments.

During an R3.O upgrade, the software saves any customized announcement sets, creatmg separate announcement sets with the same name appended with .cust. only the announcement set that ships with the system and the *.cust announcement sets remain and are restored.

NOTE:
The names of * . cust announcement sets must be 14 characters or less. otherwise, the . cust appendix will truncate (be cut short) and the announcement sets may not be saved during the upgrade.

Announcement Set Identifiers

The following table lists the names assigned to the multilingual announcement sets available to R3.0 DEFINITY AUDIX users.

The names in the first column appear on the actual cassette tape labels and are used on the DEFINITY AUDIX forms for *add announcements, list announcements,* and so forth.

The numbers in the second column are the touch-tone equivalents for the R3.0 announcement set names. These codes are used only by the system administrator. Note that the hyphens in the numbers are ignored.

The recorded words in the third column are the language's self-identifying announcement used by the Multilingual feature. These are stored in *Announcement #1143.*

The recorded words in the fourth column are announcement set identifiers used when system administrators edit announcement sets. For all announcement sets, these names are played in *Announcement #855.*

R3.0 and (R2.0) Annc Set Names	R3.0 Touch-Tone ID	R3.0 Multilingual Self-ID Announcement	R3.0 and (R2.0) Administration Seld-ID Announcement
us-eng (standard)	87364	“English”	“Standard US English” (“Standard American”)
us-eng-t (terse)	873648	“English”	“Terse US English” (“Terse American”)
us-123 123stand	87123	“English”	“123 Standard US English” (“123 Standard American”)

R3.0 and (R2.0) Annc Set Names	R3.0 Touch-Tone ID	R3.0 Multilingual Self-ID Announcement	R3.0 and (R2.0) Administration Seld-ID Announcement
`british` (`british`)	2748474	“English”	“British-English” (“British-English”)
`lat-span` (`lat-span`)	5287726	“Espanol”	“Espanol” (“Latin-Spanish”)
`french-c` `french-c`	3736242	“Francais”	“Canadien Francais” (Canadien Francais”)
`us-tdd`	87833	“TDD ENGLISH” (text)	“STANDARD U.S. TDD” (text)

U.S. English Announcement and Fragment Changes

The following table lists new and modified announcement and fragment numbers introduced in the R3.0 Standard U.S. English announcement set. It also lists fragments and announcements reserved for future use. No fragments or announcements in prior releases were removed in R3.0.

To review what these fragments and announcements actually say, refer to the *DEFINITY AUDIX System Announcement Customization—U.S. English* manual (585-300-527).

Announcements			Fragments		
New	**Modified**	**Reserved**	**New**	**Modified**	**Reserved**
1105,1112,1121, 1122,1123,1124, 1125,1126,1127, 1128,1129,1130, 1131,1132,1133, 1134,1135,1136 1137,1138,1139 1140,1141,1142, 1143	34, 62, 68, 85 101,123,126, 128,168,169, 170,289,290, 291,292,812, 880,881,943,961	1067,1068,1069 1070,1071,1072, 1073,1074,1075, 1076,1077,1078, 1079,1080,1081, 1082,1083,1084, 1085,1086,1087, 1088,1089,1090, 1091,1092,1093, 1094,1095,1096, 1097,1098,1101, 1102 1103,1104, 1106 1107,1108, 1109,1110,1111, 1113,1114,1115, 1116,1117	1305,1400,1401, 1402,1403,1404, 1405,1406,1407, 1408,1409,1410, 1411,1412,1413, 1414,1415,1416, 1417,1418,1419, 1420,1430,1431, 1432,1433,1434, 1436	900	996,997,1001, 1213,1214,1215, 1216,1217,1218, 1219,1220,1221, 1222,1223,1224 1225,1226,1227, 1228,1229,1230, 1231,1232,1233, 1234,1235,1236, 1237,1238,1239, 1240,1241,1242, 1243,1244,1245, 1246,1247,1248, 1249,1250,1251, 1252,1253,1254, 1255,1256,1257, 1258,1259,1260, 1261,1262,1263, 1264,1265,1266, 1267,1268,1269, 1270,1271,1272, 1273,1274,1275, 1276,1277,1278, 1279,1280,1281, 1282,1283,1284, 1286,1287,1296, 1297,1298,1299, 1300,1301,1302, 1303,1304,1306, 1307,1308,1309, 1310,1311,1312, 1313,1314,1315, 1316

British English Announcement and Fragment Changes

The f0llowing table lists new and modified announcement and fragment numbers introduced in the R3.0 British English announcement set.

To review what these fragments and announcements actually say, refer to the *DEFINITYAUDIX System Announcement Customization—British English* manual (58S-300-S30).

Announcements			Fragments		
New	**Modified**	**Reserved**	**New**	**Modified**	**Reserved**
1105,1112,1121, 1122,1123,1124, 1125,1126,1127, 1128,1129,1130, 1131,1132,1133, 1134,1135,1136 1137,1138,1139 1140,1141,1142, 1143	34, 62, 68, 85 101,123,126, 128,168,169, 170,289,290, 291,292,812, 880,881,943,961	None	1083,1084,1085, 1086,1087,1088, 1089,1090,1091, 1092,1093,1094, 1095,1096,1097, 1098,1099,1100, 1101,1102,1103, 1104,1105,1106, 1107,1108,1109	559	None

Latin Spanish Announcement and Fragment Changes

The following table lists new and modified announcement and fragment numbers introduced in the R3.O Latin Spanish announcement set.

To review what these fragments and announcements actually say, refer to the *DEEINITYAUDIX SYstem Announcement Customization--Latin Spanish* manual (585-300-528).

Announcements			Fragments		
New	**Modified**	**Reserved**	**New**	**Modified**	**Reserved**
1105,1112,1121, 1122,1123,1124, 1125,1126,1127, 1128,1129,1130, 1131,1132,1133, 1134,1135,1136 1137,1138,1139 1140,1141,1142, 1143	34, 62, 68, 85 101,123,126, 128,168,169, 170,289,290, 291,292,812, 873,880,881, 943,961	None	1134,1135,1136, 1137,1138,1139 1140,1141,1142, 1143,1144,1145, 1146,1147,1148, 1149,1150,1151, 1152,1153,1154, 1155,1156,1157, 1158,1159,1160	909	None

Canadian French Announcement and Fragment Changes

The following table lists new and modified announcement and fragment numbers introduced in the R3.0 Canadian French announcement set.

To review what these fragments and announcements actually say, refer to the *DEFINITY AUDIX Svstem Announcement Customization--Canadian French* manual (585-300-529).

Announcements			Fragments		
New	**Modified**	**Reserved**	**New**	**Modified**	**Reserved**
1105,1112,1121, 1122,1123,1124, 1125,1126,1127, 1128,1129,1130, 1131,1132,1133, 1134,1135,1136 1137,1138,1139 1140,1141,1142, 1143	34, 62, 68, 85 101,123,126, 128,168,169, 170,289,290, 291,292,812, 880,881,943,961	None	1168,1169,1170, 1171,1172,1173, 1174,1175,1176, 1177,1178,1179, 1180,1181,1182, 1183,1184,1185, 1186,1187,1188, 1189,1190,1191, 1192,1193,1194, 1195	714	None

Changes, Improvements, and Notes

3

This chapter contains changes, improvements, and notes that apply to the R3.O DEFINITY AUDIX system. These changes will affect administrators, and services personnel who maintain the system.

Administration Notes

The following notes apply to administrators.

ADAP Dialup Capability

Because ADAP requires dialup capability to a DEFINITY AUDIX system, a modem must be connected to the *Port A* connector rather than to the administration terminal.

DCS, Host Switch Connection

Entries in the help field of the SWITCH-LINK form were added to indicate what to enter in the Switch Port field for the DCS nodes datalink and for the host switch connection to AUDIX.

Firmware Vintage Update During Upgrade

After reprogramming the 386 FPROMs, the FAC driver was updating the 386 firmware but was not updating the FW version number. A reboot was necessary to match them. The update is now made immediately after reprogramming, therefore no longer requiring a reboot. Version numbers are shown in the *list_config.*

Subscriber with Auto-Attendant COS

A system error would occur when a subscriber with an auto-attendant class-of-service was added. To alleviate this, the administrator should now ensure that the `call type` permission on the CHANGE COS O form be set to none rather than auto-attendant.

Duplicated Names in Preadministered AMIS

On a preadministered AMIS machine, if a remote subscriber was added with a name that was a subset of another subscriber's name, a *<System Error>* message would result. This is an incorrect error message.

Now, if names are similar, a *<Partial subscriber name is not unique>* error message will appear.

AMIS Measurements

Message traffic between DEFINITY AUDIX and remote systems were being recorded on LIST MEASUREMENTSREMOTE-MESSAGESDAY form, but the accumulated statistics would not appear on the LIST MEASUREMENTSREMOTE-MESSAGES MONTH form. This problem was rectified so that accumulated statistics now appear on the LIST MEASUREMENTS REMOTE-MESSAGES MONTH form.

Validated Callback Number-Country Code

On the SYSTEM-PARAMETERSANALOG-NETWORK form, the field help (choices) for the `Callback Number-Country` field stated that **0** was not a valid entry. This sentence has been removed, because **0** is now a valid entry used in private networks.

TDD Name Recording Time Limit

For those using a Telecommunications Device for the Deaf, the allowed eight-second time limit for typing one's name as a system greeting was not deemed long enough. The time limit was expanded to 12 seconds.

AUDIX Access with 71O1a/b Terminals

Customers had problems accessing AUDIX using 7101a and 71Olb terminal sets because these sets sometimes play out two tones when a button is depressed. Extra time for interdigit validation was added to overcome this problem.

Announcement Set Names

Announcement sets cannot be given the name *SYSTEM,* or *system,* or *System.* The error message, *<Invalid announcement set ID>* will appear if this happens.

Announcement Form Enlargement

The CHANGE/DISPLAY ANNOUNCEMENT form could only display an announcement of up to 40 lines. Because larger announcements are used for R3.O, the form was increased from two to six pages.

Maintenance Notes

The following notes apply to maintenance personnel.

Auditing/Testing Tape Simultaneously

A demand audit cannot be performed while a `test tape` or `test tape long` is running. A test tape will also abort if a demand audit is running in the background.

Audits in Progress

Changes were made to keep an audit in progress from aborting if a new audit is started.

System Reset During Tape operation

If a system was reset during an *add tape* or *test tape* operation, the reset would not complete gracefully, and possibilities of tape corruption existed. Changes were made to allow a reset to proceed gracefully during a tape operation.

Tape Medium Error

When the end-of-data (EOD) signal on a tape was not generated or was lost, the tape could not be added. This was a problem if a technician wanted to restore from that tape. Now, a tape without the EoD can be added when the svstem is in the *OA&M* state (although not in the *AUDIX* state).

Activity Log/Message Waiting Indication Updates

The `Activity Log Enabled?` and `Record MWI Updates` fields on the DISPLAY SYSTEMPARAMETERS ACTLVLTY-LOG form are now defaulted to **y**. This decreases troubleshooting time when customers call to report delayed delivery and MWI problems.

Traffic Data Default

When a system ships, `Traffic Collection?` on the SYSTEM-PARAMETERS FEATURES form now is defaulted to **y**. This saves the Technical Service Center (TSC) from having to turn it on and then wait several days to collect traffic information after a customer calls in a problem.

Use of Return Versus Enter Key

During an upgrade, using the separate RETURN key is incorrect. Upgrade software expects the RETURN key to be pressed. Pressing ENTER (or F3) causes the terminal to only beep (depending on the type of terminal).

Index

Numerics

7101, 3-2

A

Activity Log/Message Waiting Indication Updates, 3-4
ADAP
    Dialup Capability, 3-1
ADAP Dialup Capability, 3-1
Addressing Enhancement, 1-11
Administration Notes, 3-1
AMIS
    Duplicated Names, 3-2
    Measurements, 3-2
Amis Analog Networklng Enhancement, 1-10
Announcement
    Form Enlargement, 3-3
Announcement And Fragment Changes, 2-2
Announcement Set, 3-3
Announcement Set Identifiers, 2-2
Announcements, 2-4, 2-5, 2-6, 2-7
    Modified, 2-4, 2-5, 2-6, 2-7
    New, 2-4, 2-5, 2-6, 2-7
    Reserved, 2-4, 2-5, 2-6, 2-7
Audit
    in Progress, 3-3
    Testing Tape Simultaneously, 3-3
Automated Attendants, 1-3

B

British English Announcement and Fragment Changes, 2-5

C

Call Answer Language Choice, 1-2
Callback Number-Country Code, 3-2
Canadian French Announcement and Fragment Changes, 2-7
Class-of-Service Form, 1-6
Conventions Used, viii

D

DCS
    Host Switch Connection, 3-1
Disconnect Detect Administration, 1-10
Disconnect Signaling Detection, 1-9
Dual Language Greeting, 1-2

F

Filesystem Modifications, 2-1
Firmware
    Vintage Update During Upgrade, 3-1
Form Enlargement, 3-3
Fragments, 2-4, 2-5, 2-6, 2-7
    Modified, 2-4, 2-5, 2-6, 2-7
    New, 2-4, 2-5, 2-6, 2-7
    Reserved, 2-4, 2-5, 2-6, 2-7

H

Hardware Modifications, 2-1
How this Document is Organized, vii
How to Comment on This Document, x
How to Use This Document, viii

I

Intended Audiences, vii

L

Latin Spanish Announcement and Fragment Changes, 2-6
List Measurements Load Form, 1-7
Login Announcement Set, 1-2

M

Multilingual And Tdd, 1-1
Multilingual Feature Administration, 1-3

N

Name Voiceback/Status Update, 1-12

New, 2-7

P

Proprietary Disk Protectlon, 1-11

Q

Quick-Silence Disconnect, 1-9

R

R3.0 and (R2.0) Administration Seld-ID Announcement, 2-2
R3.0 and (R2.0) Annc Set Names, 2-2
R3.0 Multilingual Self-ID Announcement, 2-2
R3.0 Touch- Tone ID, 2-2
Related Documentation/Training, ix
Reply Loop Enhancement, 1-11
Rewind/Advance Increment, 1-11

S

Subscriber Form, 1-5
Subscriber with Auto-Attendant cos, 3-2
System Reset During Tape operation, 3-3
System-Parameters Customer-Options Form, 1-4
System-Parameters Thresholds Form, 1-8

T

Tape Medium Error, 3-3
Tone-Based Disconnect, 1-9
Trademarks and Service Marks, viii
Traffic Data Default, 3-4
Transfer out of AUDIX Update, 1-12
Transfer Type, 1-11

U

U.S. English Announcement and Fragment Changes, 2-4
Undelete Enhancement, 1-12
Upgrade Provision, 1-3
Use of Return Versus Enter Key, 3-4
User Interface Enhancements, 1-11

Z

Zero Transfer Enhancement, 1-12