297-8991-599

DMS-100 Family

Enhanced Digital Recorded Announcement Machine

Peripheral Module Software Release Document and Voice Files

BASE07 and up Standard 01.01 January 2000

ATTENTION

This document supports tape ED160001.

NORTEL NETWORKS™
How the world shares ideas.

DMS-100 Family

Enhanced Digital Recorded Announcement Machine
Peripheral Module Software Release Document and Voice Files

Publication number: 297-8991-599
Product release: BASE07 and up
Document release: Standard 01.01
Date: January 2000

Publication history

January 2000

Standard 01.01. BASE07 and ED16AA03. Initial release of document.

Contents

About this document

When to use this document

Use this document to update the software in an enhanced digital recording announcement machine (EDRAM). This document provides load and voice file names, update procedures, and other release-specific information. It is written for maintenance technicians with a range of experience in switching, EDRAM software, and EDRAM software updates.

How to use this document

After receiving this document and the EDRAM tapes, perform the following tasks.

1 Review "Overview of release" in this document. This chapter provides release notes, load names, and other information critical to the EDRAM update.

2 Perform the procedure "Prepare for a PM update" in this document.

3 Schedule the update of each EDRAM in the office.

4 Update each EDRAM. Perform the procedure "Start a PM update shift" when you begin a PM update shift, and perform the procedure "Finish a PM update shift" when you complete a PM update shift.

Compliance with local policies

This document is written for all Nortel Networks DMS-100 Family customers. However, many telephone companies have company-specific and office-specific policies regarding PM updates. Review these policies, and resolve any differences between the policies and this document before beginning the PM update process.

How to check the version and issue of this document

The version and issue of the document are indicated by numbers, such as 01.01. The first two digits indicate the version, which increases each time the document is updated to support a new software release. The second two digits indicate the issue, which increases each time a document is re-issued within the same software release.

References in this document

The following documents are referred to in this document:

- *Hardware Description Manual,* 297-8991-805
- *Peripheral Module Software Release Document*

What precautionary messages mean

Precautionary messages indicate possible risks. The types of precautionary messages used in Nortel Networks documentation include danger, warning, caution, and attention messages.

Danger message

A danger message indicates the possibility of personal injury. Following is an example of a danger message.

DANGER

Risk of electrocution

Do not open the front panel of the inverter unless fuses F1, F2, and F3 have been removed. The inverter contains high-voltage lines. Until the fuses are removed, the high-voltage lines are active, and you risk being electrocuted.

Warning message

A warning message indicates the possibility of equipment damage. Following is an example of a warning message.

WARNING

Damage to the backplane connector pins

Align the card before seating it to avoid bending the backplane connector pins. Use light thumb pressure to align the card with the connectors. Next, use the levers on the card to seat the card into the connectors.

Caution message

A caution message indicates the possibility of service interruption or degradation. Following is an example of a caution message.

CAUTION
Possible loss of service
Before continuing, confirm that you are removing the card from the inactive unit of the peripheral module. Subscriber service will be lost if you remove a card from the active unit.

Attention message

An attention message alerts the reader to a special condition. Following is an example of an attention message.

ATTENTION
Office policy can require additional copies of the load.

How commands, parameters, and responses are represented

Commands, parameters, and responses in this document conform to the following conventions.

Input prompt (>)

An input prompt (>) indicates that the information that follows is a command.

```
>LOADPM
```

Commands and fixed parameters

Commands and fixed parameters that are entered at a MAP terminal are shown in uppercase letters.

```
>LOADPM  INACTIVE
```

Variables

Variables are shown in lowercase letters.

```
>LOADPM  UNIT  unit_no
```

The letters or numbers that the variable represents must be entered. Each variable is explained in a list that follows the command string.

Responses

Responses correspond to the MAP display and are shown in a different type.

```
LOADPM UNIT 1 LOADED
```

The following example illustrates the command syntax used in this document.

1 Load the unit. Type

>LOADPM UNIT unit_no
and press the Enter key.

where

unit_no is the number of the unit

Example of a MAP response:

```
LOADPM UNIT 1 LOADED
```

How procedures are organized

Each procedure in this document contains a summary flowchart and a list of steps. The flowchart summarizes the procedure. The list of steps provides detailed instructions for the procedure. Review the summary flowchart. Then follow the list of steps after the flowchart to perform the procedure.

Overview

This chapter provides release notes, load names, and other critical information to update the enhanced digital recording announcement machine (EDRAM). It also describes the update process.

Overview of release

Loads and files available with this release

This release provides two types of loads: PM load and voice files. The PM load is the firmware loaded into the EDRAM. The voice files are pre-recorded announcements. Each EDRAM can be loaded with different voice files as defined by the voice file names entered in table EDRAMINV.

PM load

The following table lists the EDRAM PM load available with this release. The column Type identifies the type of PM as posted at the MAP display. The column Description describes the service provided by the PM. The column Hardware lists product engineering codes (PEC) for the EDRAM card. The column Load lists the new EDRAM load provided with this release. The column Description describes the new load.

PM load

Type	Description	Hardware	Load	Description
DTM	DTM with EDRAM	NT1X80BA	ed16aa03	EDRAM base load

Voice files

The following table lists the provisionable voice files available with this release. The column Language lists the available languages of the voice files. The column Feature lists the supported features for each language. The column File lists the name of each voice file. The column Market or Customer lists any unique market or customer identifiers for the voice file.

Note: Due to market and release requirements, the office does not receive all voice files listed in the following table.

Voice files

Language	Feature	File	Market or customer
English/ Japanese	NTC Multi-Language	jpatc0ca jpatc0cb jpatc0cc jpatc0dd	Japan
English	Automated Alternate Billing Service (AABS)	eaabs0hc	
English	Automatic Calling Card Services (ACCS)	eaccs0ah	
English	Automatic Coin Telephone Service (ACTS)	eacts0ae	
English	Auxiliary Operator Services Systems (AOSS)	eaoss0af eaoss0ag	
English	Automatic Recall Date and Time (ARDT)	eardt0ja eardt0jb	
English	Call Forward Remote Activation (CFRA)	ecfra0am	
English	Call Management Services (CMS) Phase 2	acmsl0ga acmsl0gb acmsl0gc acmsc0ge acmsc0gf acmsc0gg acmsc0gh acmsc0gj acmsc0gk acmsc0gl acmsc0gm	 Bell South Bell Atlantic United Tel GTE Pacific Bell Ameritech Southwest Bell U.S. West
English	Customized Local Access Signaling Services (CLASS) Phase 1	ecls10aj ecls10ak	

—continued—

Voice files (continued)

Language	Feature	File	Market or customer
English	Customized Local Access Signaling Services (CLASS) Phase 2	ecls20ap ecls20aq ecls20ar ecls20as ecls20at ecls20au ecls20av ecls20aw	
English	Mechanized Credit Card Service (MCSS)	emccs0ca	
English	NTC Multi-Language	jpatc0da jpatc0db jpatc0dc jpatc0dd	Japan
English	Standard Announcements	astd0ab estd0aa	United States Canada
French	Automated Alternate Billing Service (AABS)	faabs0hd	
French	Automatic Calling Card Services (ACCS)	faccs0bh	
French	Auxiliary Operator Services Systems (AOSS)	faoss0bf faoss0bg	
French	Customized Local Access Signaling Services (CLASS) Phase 1	fcls10bj fcls10bk	
French	Customized Local Access Signaling Services (CLASS) Phase 2	fcls20bp fcls20bq fcls20br fcls20bs fcls20bt fcls20bu fcls20bv fcls20bw	
French	Standard Announcements	fstd0ba	
Japanese	Denied Malicious Call Termination (DTCM)	jpdtcm00	

—continued—

Voice files (continued)

Language	Feature	File	Market or customer
Japanese	NTC Multi-Language	jpatc0ea jpatc0eb jpatc0ec jpatc0ed	Japan
Korean	NTC Multi-Language	korean01 korean23 korean45 korean67 korean8	Japan
Malay	NTC Multi-Language	malay01 malay23 malay45 malay67 malay89	Japan
Mandarin	NTC Multi-Language	mndrn01 mndrn23 mndrn45 mndrn67	Japan
Portuguese	NTC Multi-Language	prtugs01 prtugs23 prtugs45 prtugs67 prtugs89 prtugs10	Japan
Spanish	Customized Local Access Signaling Services (CLASS) Phase 1	scls10cj scls10ck	
Spanish	Customized Local Access Signaling Services (CLASS) Phase 2	scls20cp scls20cq scls20cr scls20cs scls20ct scls20cu scls20cv scls20cw	

—continued—

Voice files (continued)

Language	Feature	File	Market or customer
Spanish	NTC Multi-Language	spansh01 spansh23 spansh45 spansh67 spansh8	Japan
Tagalog	NTC Multi-Language	tagalog1 tagalog2 tagalog3 tagalog4	Japan
Thai	NTC Multi-Language	thai01 thai23 thai45 thai67 thai89	Japan

—end—

The *Hardware Description Manual,* 297-8991-805, provides announcement tables by card type.

Compatibility

EDRAM load ed16aa03 is compatible with all software releases from CSP06 onward.

CC software package cross-reference

The following table lists the NT package numbers for EDRAM software. This information may not be applicable in some offices.

CC software package cross-reference

NT package	Title
NTXN16AA	CC Software Support for Enhanced DRAM (EDRAM)
NTG301AA	EDRAM Voice Files – English Standard
NTG302AA	EDRAM Voice Files – English CLASS/CMS
NTG303AA	EDRAM Voice Files – French

—continued—

CC software package cross-reference (continued)

NT package	Title
NTG304AA	EDRAM Voice Files – Spanish
NTG306AA	EDRAM Voice Files – Japanese
	—end—

Overview of update process

The digital trunk module (DTM) with EDRAM can be updated as part of an office-wide PM update, or it can be updated individually. If it is updated as part of an office-wide update, update the DTM before the ENET.

Update procedures

The procedures in this chapter describe how to update the enhanced digital recording announcement machines (EDRAM) in an office.

Prepare for a PM update

Application

ATTENTION
Only maintenance technicians experienced with PM load updates should perform this procedure.

ATTENTION
Do not use this procedure if the EDRAM is updated as part of an office-wide PM update. Refer to the *Peripheral Module Software Release Document* that accompanied the PM load tape.

Use this procedure to prepare an office for an enhanced digital recording announcement machine (EDRAM) update. Perform this procedure once after receiving the PM load tape.

Prerequisites

None

Update sequence

Subtending PMs

Not applicable

Serving PMs

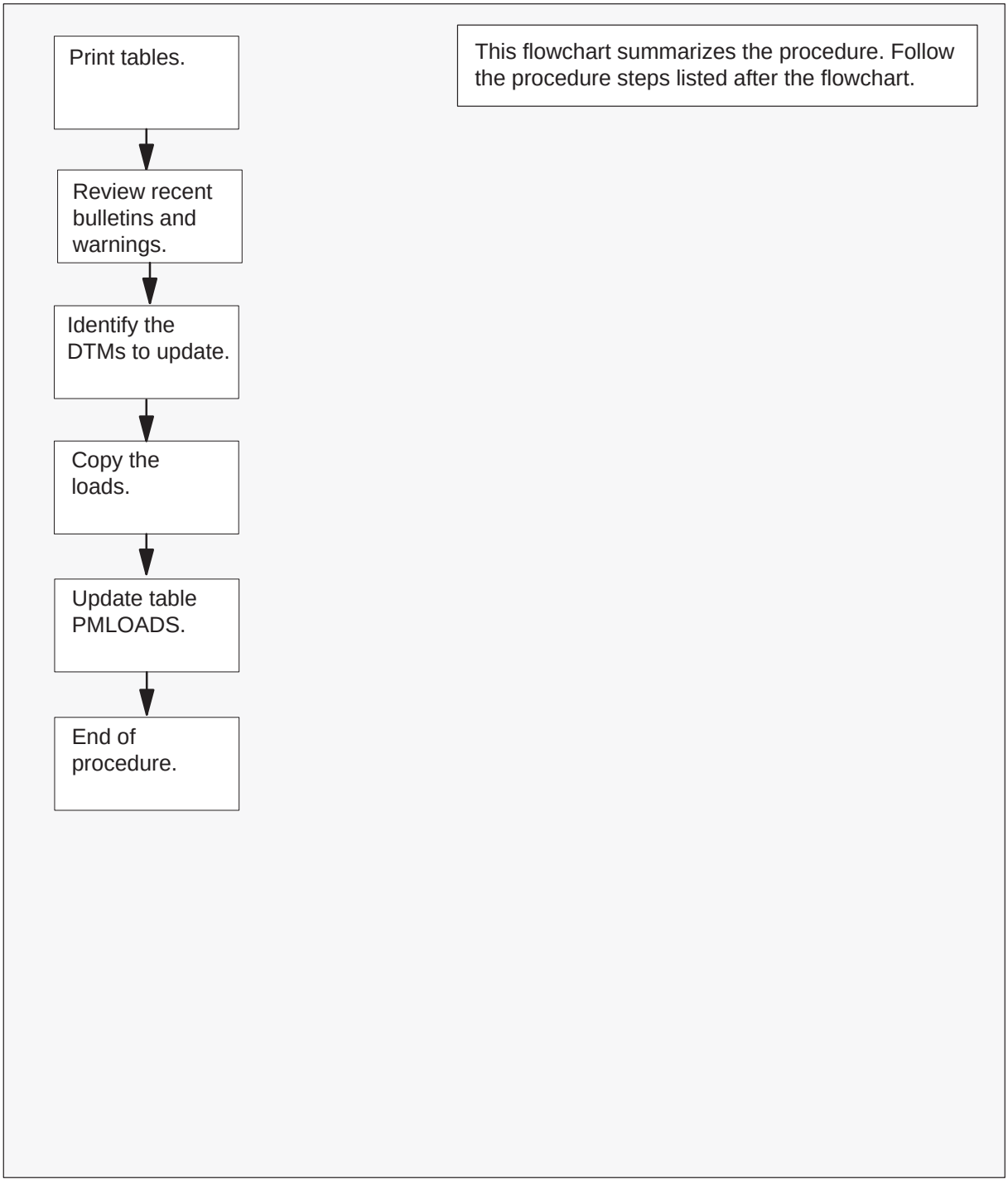
Not applicable

Notes

This procedure will create a PMLOAD alarm under the PM banner. This is a minor alarm generated when there is a mismatch between the PM load names in table PMLOADS and the existing software loads on disk. Local policy can require modifications to this procedure and “Start a PM update shift” to reduce the number and length of PMLOAD alarms.

Prepare for a PM update (continued)

Summary of procedure



Prepare for a PM update (continued)

Steps of procedure

At your desk

1 Review all bulletins and warnings related to this update and this document.

2 Identify the DTMs to update. Use the contents of the inventory tables.

At the CI level of the MAP display

3 Redirect the terminal responses to a printer. Type

>RECORD START ONTO prntr_name
and press the Enter key.

where

prntr_name is the name of the printer

Example of command

```
>RECORD START ONTO PRNTR1
```

4 Print the contents of tables PMLOADS, TMINV, and EDRAMINV. Perform the following steps.

a. Open table PMLOADS. Type

>TABLE PMLOADS
and press the Enter key.

b. List the contents. Type

>LIST ALL
and press the Enter key.

c. Close table PMLOADS. Type

>QUIT
and press the Enter key.

d. Open table TMINV. Type

>TABLE TMINV
and press the Enter key.

e. List the contents. Type

>LIST ALL
and press the Enter key.

f. Close the table. Type

>QUIT
and press the Enter key.

g. Open table EDRAMINV. Type

>TABLE EDRAMINV
and press the Enter key.

h. List the contents. Type

>LIST ALL
and press the Enter key.

i. Close the table. Type

>QUIT
and press the Enter key.

5 Stop the terminal responses to the printer. Type

>RECORD STOP ONTO prntr_name
and press the Enter key.

where

prntr_name is the name of the printer

Example of command

```
>RECORD STOP ONTO PRNTR1
```

At the SLM tape drive

6 Copy the necessary loads to a SLM disk volume. Perform the following steps.

Note 1: The PM load and voice files should be stored on the same disk volume.

Note 2: Copy all voice files. Table EDRAMINV identifies the specific voice files for each EDRAM.

a. Select a SLM disk volume for the new loads.

b. Place the tape into the SLM tape drive of the selected SLM disk volume.

At the MAP display

c. Access the disk utility. Type

>DISKUT
and press the Enter key.

Prepare for a PM update (continued)

d. Insert the PM load tape into the SLM tape drive. Type

>IT drive_name
and press the Enter key.

where

drive_name is the name of the SLM tape drive

Example of command

```
>IT S00T
```

e. List the contents of the tape. Type

>LF drive_name SHORT FIRST
and press the Enter key.

where

drive_name is the name of the SLM tape drive

Example of command

```
>LF S00T SHORT FIRST
```

f. Verify that each required load and voice file is on the tape.

If each required load	Do
is on the tape	step 6g.
is not on the tape	Contact the next level of support. The tape may be missing loads critical to the office.

g. Copy one load file. Type

>RE FILE disk_vol drive_name new_load
and press the Enter key.

where

disk_vol is the name of the SLM disk volume
drive_name is the name of the SLM tape drive
new_load is the name of the new PM load

Example of command

```
>RE FILE S00DPMLOADS S00T ED16AA03
```

Note: Do not use the new_load parameter if copying all files.

h. Repeat step 6g.for each load file to be copied.

i. Eject the tape. Type

>ET drive_name
and press the Enter key.

where

drive_name is the name of the SLM tape drive

Example of command

```
>ET S00T
```

7 Exit the utility. Type

>QUIT
and press the Enter key.

8 Update table PMLOADS with the names of the new loads. Perform the following steps.

a. Open table PMLOADS. Type

>TABLE PMLOADS
and press the Enter key.

b. Add the new PM load name. Type

>ADD load_name actfile actvol bkpfile bkpvol N
and press the Enter key.

where

load_name	is the name of the new load
actfile	is the name of the active load (same as field LOAD_NAME)
actvol	is the device on which the active load is stored
bkpfile	is the name of the backup load
bkpvol	is the device on which the backup load is stored

Example of command

```
>ADD ED16AA03 ED16AA03 S00DPMLOADS ED16AA03
 S01DPMLOADS N
```

Note: Automatic loadfile patching, as specified in field UPDACT, is not yet available. The only acceptable value for field UPDACT is N.

c. Confirm the addition. Type

>Y
and press the Enter key.

d. Close table PMLOADS. Type

>QUIT
and press the Enter key.

Prepare for a PM update (end)

9 You have completed this procedure and prepared the office for a PM update. The PM update must now be scheduled. Refer to sections “Overview of release” and “Overview of update process” in chapter “Overview” in this document.

Start a PM update shift

Application

CAUTION
Possible service interruption
Perform this procedure during a maintenance window or a period of low traffic.

ATTENTION
Do not use this procedure if the EDRAM is being updated as part of an office-wide PM update. Refer to the *Peripheral Module Software Release Document* that accompanied the PM load tape.

Use this procedure at the start of a PM update shift to verify the office and each digital trunk module (DTM) with an enhanced digital recording announcement machine (EDRAM) are ready for the update.

Prerequisites

Perform the procedure “Prepare for a PM update” in this document before performing this procedure.

Update sequence

Subtending PMs

Not applicable

Serving PMs

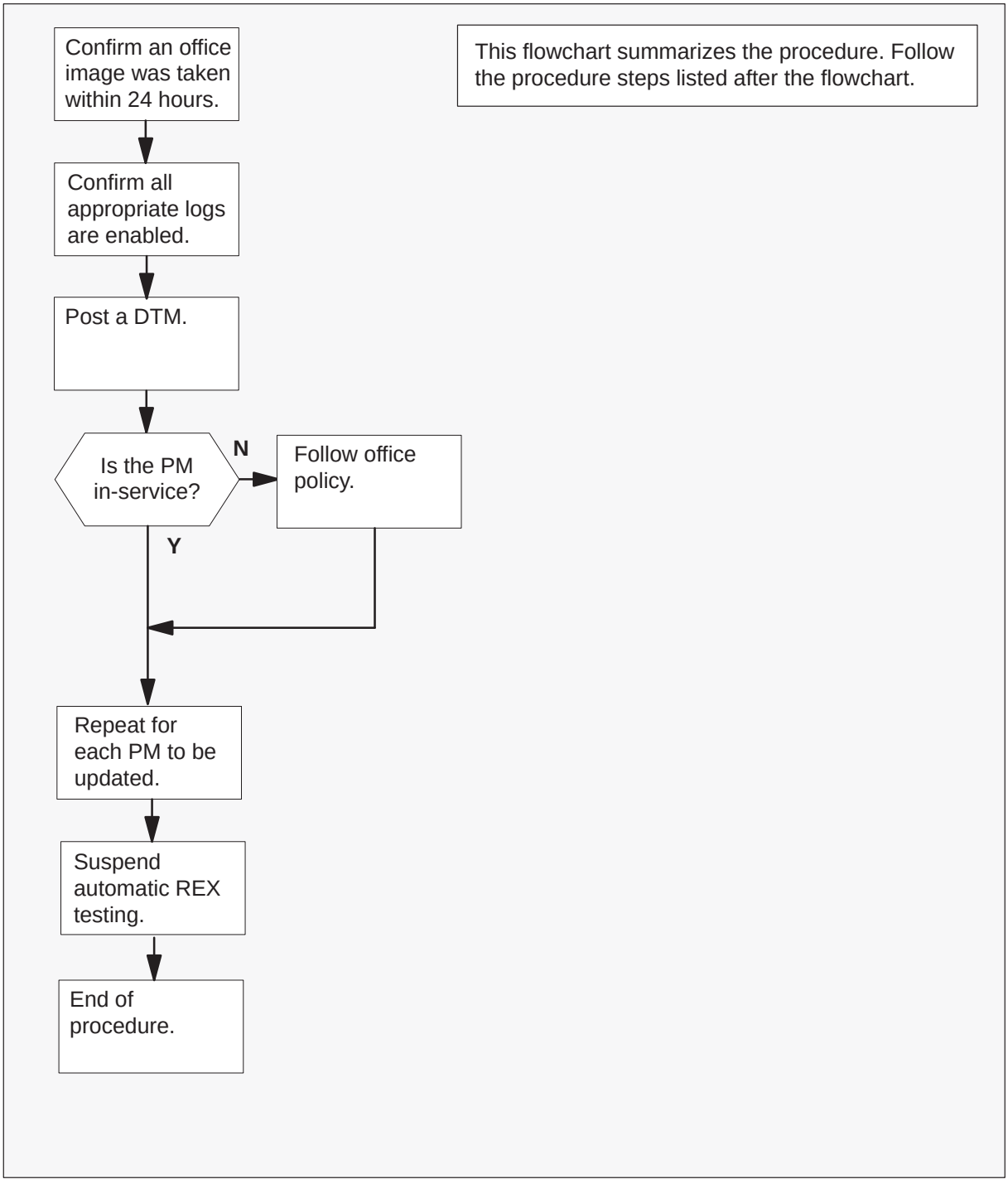
Not applicable

Notes

None

Start a PM update shift (continued)

Summary of procedure



Start a PM update shift (continued)

Steps of procedure

ATTENTION

Follow office policy if a command fails during this procedure. If an RTS command fails, for example, office policy can require you to either contact the next level of support, terminate all update activities for the shift, troubleshoot the problem and return the PM to service, or select another PM to update. Office policy can vary by PM type.

At the CI level of the MAP display

1 Confirm that an office image has been taken within the last 24 hours. Perform the following steps.

a. Display a list of recent office images. Type

>AUTODUMP STATUS
and press the Enter key.

b. Review the list of successful images and determine if an office image has been successfully taken in the last 24 hours.

2 Confirm that all PM logs are enabled. Perform the following steps.

a. Access LOGUTIL. Type

>LOGUTIL
and press the Enter key.

b. List all the PM log reports that are suspended or have thresholds. Type

>LISTREPS SPECIAL PM
and press the Enter key.

c. Record any PM log numbers that are suspended. Record the numbers and threshold values of any PM logs that have thresholds.

Start a PM update shift (continued)

d. Resume any PM logs that are suspended. Type

>RESUME PM log_no
and press the Enter key.

where

log_no is the number of the log to be resumed

Note: Multiple logs can be resumed by telescoping the log numbers on the single RESUME command. All PM logs can be resumed with the command RESUME PM and no log numbers.

Example of command

```
>RESUME PM 129 181
```

e. Change the threshold to 0 for any logs that have thresholds. Type

>THRESHOLD 0 PM log_no
and press the Enter key.

where

log_no is the number of the log

Note: Multiple logs can be thresholded by telescoping the log numbers on the single THRESHOLD command. All PM logs can be thresholded with the command THRESHOLD PM and no log numbers.

f. Exit LOGUTIL. Type

>QUIT
and press the Enter key.

3 Access the PM level of the MAP display. Type

>MAPCI; MTC; PM
and press the Enter key.

4 Post one of the DTMs to update. Type

>POST DTM dtm_no
and press the Enter key.

where

dtm_no is the number of the DTM

If the DTM is	Do
not in-service	step 5
in-service	step 8

Start a PM update shift (end)

5 Determine the fault condition of the DTM. Type

>QUERYPM FLT
and press the Enter key.

6 The DTM must be in-service (InSv). If you are able to return the DTM to service, go to step 7. Otherwise, refer to the ATTENTION box preceding the steps of this procedure for assistance.

7 Repeat steps 4 through 6 for each DTM to update during this shift.

8 Return to the CI level. Type

>QUIT ALL
and press the Enter key.

9 Suspend all automatic REX tests. Type

>REXTEST SUSPEND ALL
and press the Enter key.

Note: Suspension of REX tests causes a minor MS alarm at the MAP display. The alarm continues until REX tests are resumed at the end of the shift.

10 You have completed this procedure. Perform the appropriate update procedures in this document based on the update schedule established for the office. When the shift is complete, perform the procedure “Finish a PM update shift” in this document.

Update the EDRAM

Application

CAUTION
Possible service interruption
Perform this procedure during a maintenance window or a period of low traffic.

Use this procedure to update the enhanced digital recording announcement machine (EDRAM).

Prerequisites

Perform the procedures “Prepare for a PM update” or and “Start a PM update shift” in this document to meet the following prerequisites:

- The new load name is entered in table PMLOADS.
- The office recorded an office image in the last 24 hours.
- All PM logs are enabled.
- The EDRAM is in-service (InSv).
- The EDRAM passed its last REX test within the last two weeks.
- All REX tests are suspended in the office.

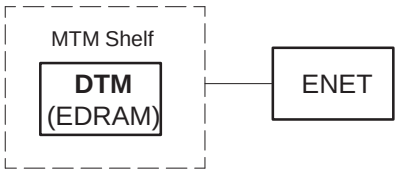
Required information

None

Update sequence

The following figure illustrates a possible node configuration for the EDRAM. Serving PMs must be updated after the EDRAM.

Node configuration for EDRAM

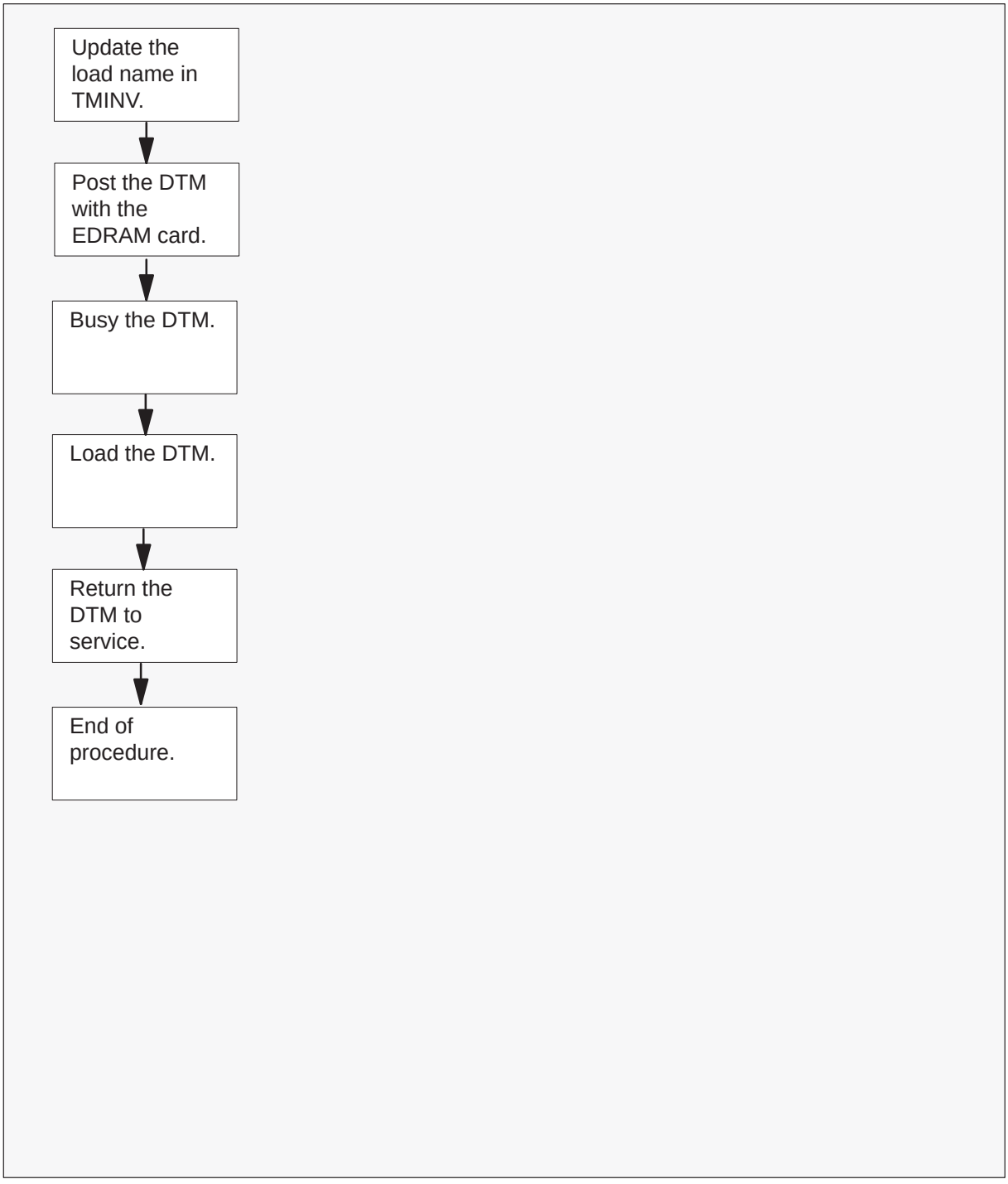


Notes

There must be a corresponding PROM in table DRAMS for every announcement file in table EDRAMINV.

Update the EDRAM (continued)

Summary of procedure



Update the EDRAM (continued)

Steps of procedure

ATTENTION

Follow office policy if a command fails during this procedure. If an RTS command fails, for example, office policy can require you to contact the next level of support, terminate all update activities for the shift, troubleshoot the problem, or select another PM to update.

At the CI level of the MAP display

1 Select a DTM with an EDRAM to update.

2 Review and confirm the completion of all prerequisites for this procedure.

If the load files are stored on a	Do
DDU device	step 3
SLM device	step 4

3 List the volume with the new load. Perform the following steps.

a. Access the utility. Type

>DSKUT
and press the Enter key.

b. List the disk volume. Type

>LISTVOL vol_name
and press the Enter key.

where

vol_name is the name of the disk volume

Example of command

```
>LISTVOL D000DPMLOADS
```

c. Go to step 5.

Update the EDRAM (continued)

4 List the volume. Perform the following steps.

a. Access the utility. Type

>DISKUT
and press the Enter key.

b. List the disk volume. Type

>LF vol_name
and press the Enter key.

where

vol_name is the name of the disk volume

Example of command

```
>LF S01DPMLOADS
```

5 Exit the disk utility. Type

>QUIT
and press the Enter key.

6 Update the DTM inventory table. Perform the following steps.

a. Open the inventory table. Type

>TABLE TMINV
and press the Enter key.

b. Position on the tuple for the DTM. Type

>POS DTM dtm_no
and press the Enter key.

where

dtm_no is the number of the DTM

Example of command

```
>POS DTM 11
```

c. Change the load name to the new load name. Type

>CHA LOAD new_load
and press the Enter key.

where

new_load is the name of the new load

Example of command

```
>CHA LOAD ED16AA03
```

Update the EDRAM (continued)

d. Confirm the change. Type

>Y
and press the Enter key.

Note: The DTM changes status to in-service trouble (ISTb) because of the load mismatch with the inventory table. Continue this procedure.

e. Close the table. Type

>QUIT
and press the Enter key.

7 Access the PM level of the MAP display. Type

>MAPCI; MTC; PM
and press the Enter key.

8 Post the DTM. Type

>POST DTM dtm_no
and press the Enter key.

where

dtm_no is the number of the DTM

Example of command

```
>POST DTM 11
```

Note: The DTM changes status to ISTb. If the DTM does not change to ISTb, confirm the DTM inventory table is updated correctly and the correct DTM is posted. Do not continue this procedure until the DTM is ISTb.

9 Busy the DTM. Type

>BSY
and press the Enter key.

10 Load the DTM. Type

>LOADPM
and press the Enter key.

Note: The LOADPM command loads the DTM with the new EDRAM load and the voice files resident on the DMS switch.

Update the EDRAM (continued)

11 Return the DTM to service. Type

>RTS
and press the Enter key.

If the office	Do
requires verification of the phrases	step 12
does not require verification of the phrases	step 13
Note: Office policy can require you to verify the phrases on the EDRAM card after you update the DTM.	

12 Verify the phrases. Perform the following steps.

a. Access the EDRAM recording utility. Type

>DRAMREC
and press the Enter key.

b. Connect the headset to the EDRAM controller circuit. Type

>CONNECT edram_no clli_name
and press the Enter key.

where

edram_no is the number of the EDRAM controller circuit
clli_name is the name of the headset CLLI

Example of command

```
>CONNECT 4 HSET 22
```

c. Display the EDRAM's announcements. Type

>DISPLAY edram_no
and press the Enter key.

where

edram_no is the number of the EDRAM controller circuit

Example of command

```
>DISPLAY 4
```

Update the EDRAM (end)

d. Play the phrase. Type

>PLAYBACK edram_no phrase_ext
and press the Enter key.

where

edram_no is the number of the EDRAM controller circuit
phrase_ext is the name of the phrase to be played

e. Repeat these steps 12b. through 12d. for each phrase to be verified.

f. Exit the EDRAM recording utility. Type

>QUIT
and press the Enter key.

13 You have have updated the DTM with an EDRAM and completed this procedure. Review the update schedule.

If there are	Do
other DTMs with EDRAMs to update during this shift	Repeat this procedure for each DTM with an EDRAM to update.
other PMs or hardware types to update during this shift	Go to the appropriate procedure in the *Peripheral Module Software Release Document* that accompanied the PM load tape.
no more PMs or hardware types to update during this shift	Go to “Finish a PM update shift” in this document.

Finish a PM update shift

Application

Use this procedure to complete a PM update shift in an office.

ATTENTION

Do not use this procedure if the EDRAM is being updated as part of an office-wide PM update. Refer to the *Peripheral Module Software Release Document* that accompanied the PM load tape.

Prerequisites

The procedure “Start a PM update shift” in this document must be performed before performing this procedure.

Update sequence

Subtending PMs

Not applicable

Serving PMs

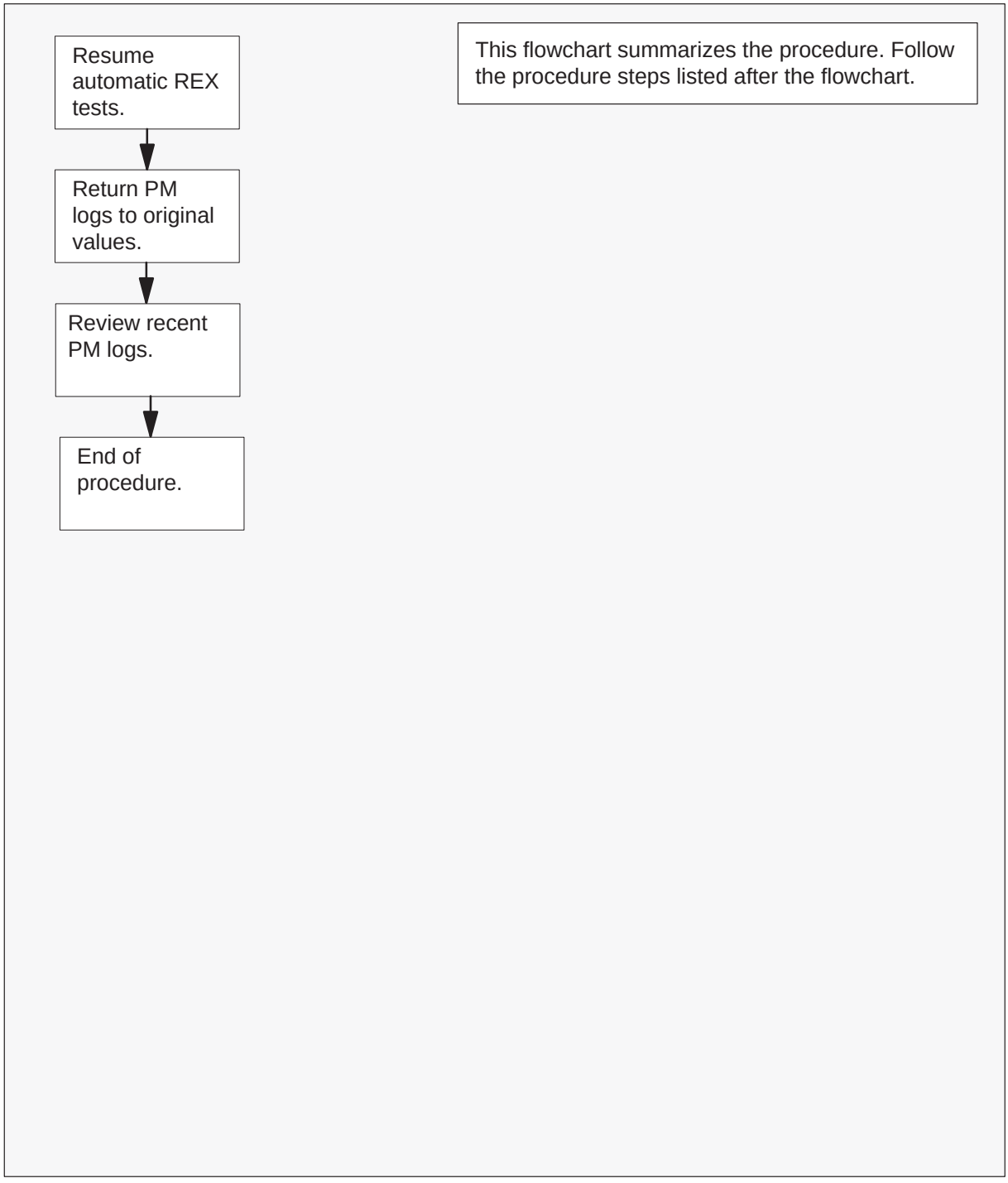
Not applicable

Notes

This procedure does not include steps to delete old load names from table PMLOADS or load files from the disk volume. Check office policy. Available memory can determine if load files are deleted during a PM update shift, after a PM update shift, or after completion of the office’s PM update. Office alarm-clearing policy can determine when old load files are deleted from table PMLOADS.

Finish a PM update shift (continued)

Summary of procedure



Finish a PM update shift (continued)

Steps of procedure

ATTENTION

Follow office policy if a command fails during this procedure. If an RTS command fails, for example, office policy may require you to either contact the next level of support, terminate all update activities for the shift, troubleshoot the problem and return the PM to service, or select another PM to update. Office policy may vary by PM type.

At the CI level of the MAP display

1 Resume automatic REX tests. Type

>REXTEST RESUME ALL
and press the Enter key.

2 Return all PM logs to their original states. Perform the following steps.

a. Access LOGUTIL. Type

>LOGUTIL
and press the Enter key.

b. Suppress any PM logs that were resumed at the beginning of this shift. Type

>SUPPRESS PM log_no
and press the Enter key.

where

log_no is the number of the log to be suppressed

Note: Multiple logs can be suppressed by telescoping their log number on the single SUPPRESS command. All PM logs can be suppressed with the command SUPPRESS PM and no log numbers.

Example of command

```
>SUPPRESS PM 129 181
```

Finish a PM update shift (end)

c. Change the threshold values of any PM logs that had thresholds changed to 0 at the start of this shift. Type

>THRESHOLD th_value PM log_no
and press the Enter key.

where

th_value	is the original threshold value, recorded during the procedure “Start a PM update shift”
log_no	is the number of the log

Note: Multiple logs can be thresholded by telescoping their log number on the single THRESHOLD command. All PM logs can be thresholded with the command THRESHOLD PM and no log numbers.

d. Exit LOGUTIL. Type

>QUIT
and press the Enter key.

3 Review any recent logs. Verify the DTMs and EDRAMs updated during this shift remained in-service (InSv).

4 You have completed this procedure and finished a PM update shift.

DMS-100 Family

Enhanced Digital Recorded Announcement Machine

Peripheral Module Software Release Document and Voice Files

Product Documentation–Dept. 3423
Nortel Networks
P.O. Box 13010
RTP, NC 27709–3010
Telephone: 1–877–662–5669
Electronic mail: cits@nortelnetworks.com

Publication number: 297-8991-599
Product release: BASE07 and up
Document release: Standard 01.01
Date: January 2000
Printed in the United States of America

NORTEL NETWORKS™

How the world shares ideas.