Critical Release Notice

The content of this customer NTP supports the SN06 (DMS) and ISN06 (TDM) software releases.

Bookmarks used in this NTP highlight the changes between the baseline NTP and the current release. The bookmarks provided are color-coded to identify release-specific content changes. NTP volumes that do not contain bookmarks indicate that the baseline NTP remains unchanged and is valid for the current release.

Bookmark Color Legend

Black: Applies to new or modified content for the baseline NTP that is valid through the current release.

Red: Applies to new or modified content for NA017/ISN04 (TDM) that is valid through the current release.

Blue: Applies to new or modified content for NA018 (SN05 DMS)/ISN05 (TDM) that is valid through the current release.

Green: Applies to new or modified content for SN06 (DMS)/ISN06 (TDM) that is valid through the current release.

Attention!
Adobe Acrobat Reader™ 5.0 is required to view bookmarks in color.

Publication History

DMS-100 Family

Enhanced Digital Recorded Announcement Machine

Peripheral Module Software Release

Document Voice Files

Base08   Standard 01.01   April 1997

ATTENTION

This document supports tape EDRM0001.

N⊗RTEL

NORTHERN TELECOM

DMS-100 Family

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

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Standard 01.01 BASE08. Initial release of document.

Contents

About this document

When to use this document

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

How to use this document

After receiving this document and the voice file tape, perform the following tasks.

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

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

3 Schedule the update of each EDRAM in the office.

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

Compliance with local policies

This document is written for all Northern Telecom 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:

- *Enhanced Digital Recorded Announcement Machine*

- *Hardware Description Manual Reference Manual*

- *Peripheral Module Software Release Document*

What precautionary messages mean

Precautionary messages indicate possible risks. The types of precautionary messages used in Northern Telecom 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 that are active until the fuses have been removed.

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 SS7 node isolation**
> Do not attempt to update the LIU7 if one of its links cannot be inhibited. Do not busy the link if it cannot be inhibited. SS7 node isolation may result

Attention message

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

> **ATTENTION**
> Office policy may 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 by typing

>LOADPM UNIT unit_no
and pressing 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, and the list of steps provides detailed instructions for the procedure. Review the summary flowchart, and then follow the list of steps to perform the procedure.

Comments

In response to customer concerns, this document has been restructured for this release. Your comments on this restructured document are appreciated. Complete the questionnaire at the back of the document and return it to Northern Telecom Product Documentation. For urgent content-related issues, call one of the following Documentation Hotlines.

Market	Hotline number
United States	1-877-662-5669, Option 4 + 1
Outside the United States	905-452-4588

Overview

This chapter describes the EDRAM loads and update process.

Loads

EDRAM uses two types of loads: a PM load and a set of 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 datafilled in table EDRAMINV, but all voice files must be copied to the selected volume.

PM load

The PM load is delivered on a separate tape from the EDRAM voice files. *Enhanced Digital Recorded Announcement Machine Peripheral Module Software Release Document* accompanies the EDRAM PM load tape. Refer to this document for information on the EDRAM PM 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 may not receive all the 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 Reference Manual* provides
announcement tables by card type.

Overview of update process

The digital trunk module (DTM) with EDRAM may be updated with voice
files as part of an office-wide PM update, or it may 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) voice files in an office.

Preparing for a PM update

Application

> **ATTENTION**
>
> Only maintenance technicians experienced with PM loading should
> perform this procedure.

> **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 loads tape.

Use this procedure to prepare an office for an update of the EDRAM voice
files. Perform this procedure once, after receiving the voice file tapes.

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 datafilled
PM loads in table PMLOADS and the existing software loads on disk.
Local policy may require modifications in this procedure and "Starting a PM
update shift" to reduce the number and length of PMLOAD alarms.

Preparing for a PM update (continued)

Summary of procedure

```
┌─────────────────┐
│  Print tables.  │
└────────┬────────┘
         │
         ▼
┌─────────────────┐
│ Review recent   │
│ bulletins and   │
│ warnings.       │
└────────┬────────┘
         │
         ▼
┌─────────────────┐
│ Identify the DTMs│
│ that must be    │
│ updated.        │
└────────┬────────┘
         │
         ▼
┌─────────────────┐
│ Copy the        │
│ loads.          │
└────────┬────────┘
         │
         ▼
┌─────────────────┐
│ Update table    │
│ PMLOADS.        │
└────────┬────────┘
         │
         ▼
┌─────────────────┐
│ End of          │
│ procedure.      │
└─────────────────┘
```

This flowchart summarizes the procedure.

Follow the instructions listed after the flowchart to perform this procedure.
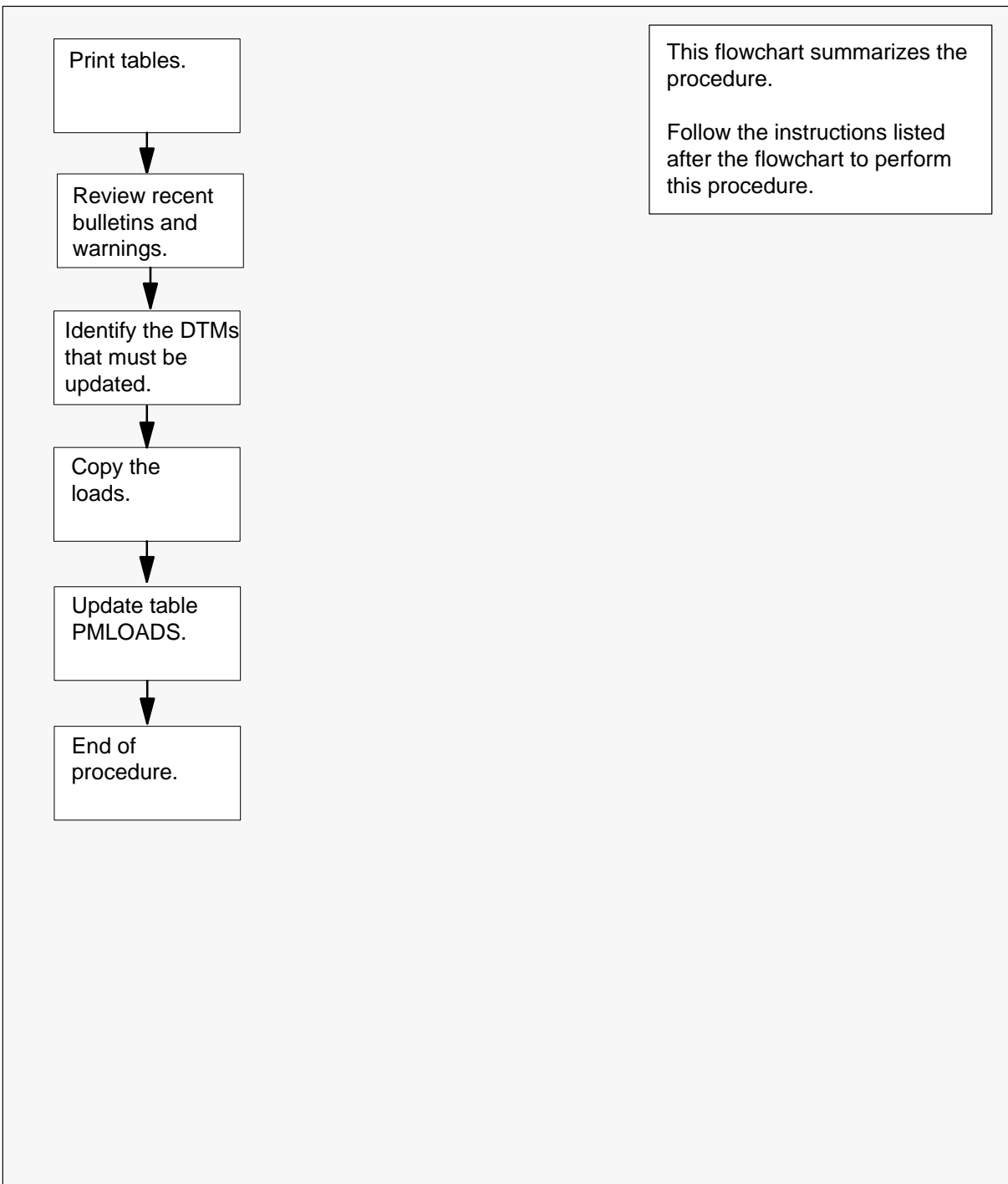
Preparing for a PM update (continued)

Steps of procedure

At the CI level of the MAP display

1 Redirect the responses of the terminal to a printer by typing

>**RECORD START ONTO prntr_name**
and pressing the Enter key.

where

prntr_name   is the name of the printer

Example

>**RECORD START ONTO PRNTR1**

2 Print the contents of tables PMLOADS, TMINV, and EDRAMINV by performing the following steps.

a. Access table PMLOADS by typing

>**TABLE PMLOADS**
and pressing the Enter key.

b. List the contents by typing

>**LIST ALL**
and pressing the Enter key.

c. Exit table PMLOADS by typing

>**QUIT**
and pressing the Enter key.

d. Access table TMINV by typing

>**TABLE TMINV**
and pressing the Enter key.

e. List the contents by typing

>**LIST ALL**
and pressing the Enter key.

f. Exit the table by typing

>**QUIT**
and pressing the Enter key.

g. Access table EDRAMINV by typing

>**TABLE EDRAMINV**
and pressing the Enter key.

Preparing for a PM update (continued)

h.   List the contents by typing

>**LIST ALL**
and pressing the Enter key.

i.   Exit the table by typing

>**QUIT**
and pressing the Enter key.

3   Restore the responses of the terminal by typing

>**RECORD STOP ONTO prntr_name**
and pressing the Enter key.

where

prntr_name   is the name of the printer

Example

>**RECORD STOP ONTO PRNTR1**

At your desk

4   Review all bulletins and warnings related to this update and this PM software
release document.

5   Identify the DTMs to be updated. Use the contents of the inventory tables.

If the voice files	Do
are on 9-track tape	step 6
are on SLM cartridge	step 7

At the DDU

6   Copy the files to a disk drive unit (DDU) volume by performing 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 DDU disk volume as the volume for the new files.

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

Preparing for a PM update (continued)

At the MAP display

c. Access the disk utility by typing

>DSKUT
and pressing the Enter key.

d. Mount the tape by typing

>MOUNT drive_no
and pressing the Enter key.

where
drive_no   is the number of the tape drive

e. List the contents of the tape by typing

>TLIST T drive_no
and pressing the Enter key.

where

drive_no   is the number of the tape drive

f. Print the contents of the tape by typing

>PRINT TAPE$DIR
and pressing the Enter key.

g. Verify that each voice file is on the tape.

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

h. Copy one file by typing

>COPY new_file disk_vol
and pressing the Enter key.

where

new_file   is the name of the new voice file
disk_vol   is the name of the disk volume

i. Repeat the previous step for each load file to be copied.

Note: Use the FCOPY command to copy all the files.

Preparing for a PM update (continued)

j. Demount the tape by typing

>DEMOUNT T drive_no
and pressing the Enter key.

where

drive_no   is the number of the tape drive

k. Remove the tape from the tape drive.

l. Skip step 7 and go to step 8.

At the SLM tape drive

7   Copy the voice files to a SLM disk volume by performing 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 as the volume for the new files.

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

At the MAP display

c. Access the disk utility by typing

>DISKUT
and pressing the Enter key.

d. Insert the voice file tape into the SLM tape drive by typing

>IT drive_name
and pressing the Enter key.

where

drive_name   is the name of the SLM tape drive

Example

>IT S00T

e. List the contents of the tape by typing

>LF drive_name SHORT FIRST
and pressing the Enter key.

where

drive_name   is the name of the SLM tape drive

Example

>LF S00T SHORT FIRST

Preparing for a PM update (end)

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

If each required load	Do
is on the tape	step 7g.
is not on the tape	Contact the next level of support. The tape may be missing loads critical to the office.

    g.   Copy one voice file required by typing

        >RE FILE disk_vol drive_name new_file
        and pressing 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_file   is the name of the new voice file

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

    h.   Repeat the previous step for each load file to be copied.

    i.   Eject the tape by typing

        >ET drive_name
        and pressing the Enter key.

        where

        drive_name   is the name of the SLM tape drive

        Example

        >ET S00T

8   Quit the utility by typing

    >QUIT
    and pressing the Enter key.

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

Starting 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 loads tape.

Use this procedure at the start of an PM update shift to verify that the office, and each DTM with an EDRAM are ready for the voice file update.

Prerequisites

Perform the procedure "Preparing for a PM update" in this document before performing this procedure.

Update sequence
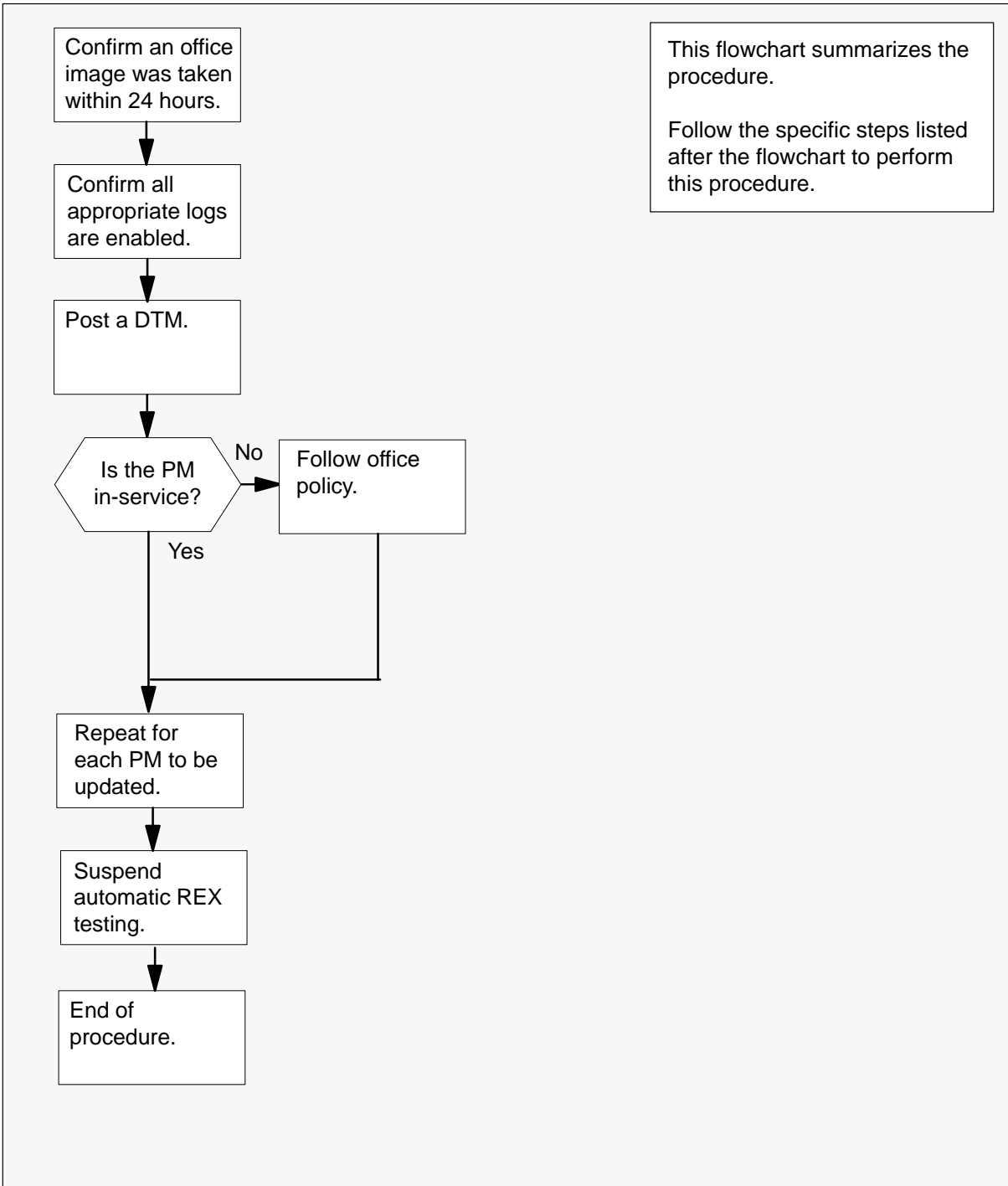
Subtending PMs

Not applicable

Serving PMs

Not applicable

Notes

None

Starting a PM update shift (continued)

Summary of procedure

Confirm an office image was taken within 24 hours.

↓

Confirm all appropriate logs are enabled.

↓

Post a DTM.

↓

Is the PM in-service? —No→ Follow office policy.

Yes

↓

Repeat for each PM to be updated.

↓

Suspend automatic REX testing.

↓

End of procedure.

This flowchart summarizes the procedure.

Follow the specific steps listed after the flowchart to perform this procedure.

Starting 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 Confirm that an office image has been taken within the last 24 hours by performing the following steps.

  a. Display a list of recent office images by typing

  >AUTODUMP STATUS
  and pressing 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 by performing the following steps.

  a. Access LOGUTIL by typing

  >LOGUTIL
  and pressing the Enter key.

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

  >LISTREPS SPECIAL PM
  and pressing the Enter key.

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

Starting a PM update shift (continued)

    d. Resume any PM logs that are suspended by typing

      >RESUME PM log_no
      and pressing 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

      >RESUME PM 129 181

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

      >THRESHOLD 0 PM log_no
      and pressing 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 by typing

      >QUIT
      and pressing the Enter key.

3   Access the PM level of the MAP display by typing

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

4   Post one of the DTMs to be updated by typing

    >POST DTM dtm_no
    and pressing 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

Starting a PM update shift (end)

5   Determine the fault condition of the DTM by typing

>QUERYPM FLT

and pressing the Enter key.

6   The DTM must be inservice to be updated. Refer to the ATTENTION box preceding the steps of this procedure for assistance. If you are able to return the DTM to service, go to step 7.

7   Repeat steps 4 to 6 for each PM to be updated during this shift.

8   Return to the CI level by typing

>QUIT ALL

and pressing the Enter key.

9   Suspend all automatic REX testing by typing

>REXTEST SUSPEND ALL

and pressing the Enter key.

Note: Suspension of REX testing will cause a minor MS alarm at the MAP display. The alarm will continue until REX testing is resumed at the end of the shift.

10 You have successfully completed this procedure. Perform the appropriate update procedures in this document, based on the update schedule established for the office. When the shift is completed, perform the procedure "Finishing a PM update shift."

Updating 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 EDRAM with the new voice files.

Prerequisites

Perform the procedures "Preparing for a PM update" or "Preparing for a PM
update using PMUPGRADE" and "Starting a PM update shift" in this
document to meet the following prerequisites for this procedure.

- The new load name is datafilled in table PMLOADS.

- An office image has been taken in the last 24 hours.

- All PM logs are enabled.

- The EDRAM is inservice.

- The EDRAM successfully passed its last REX test within the last two
  weeks.

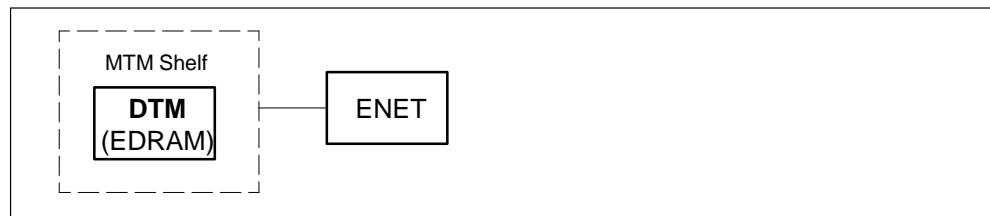- Automatic REX testing is suspended in the office.

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

Updating the EDRAM (continued)

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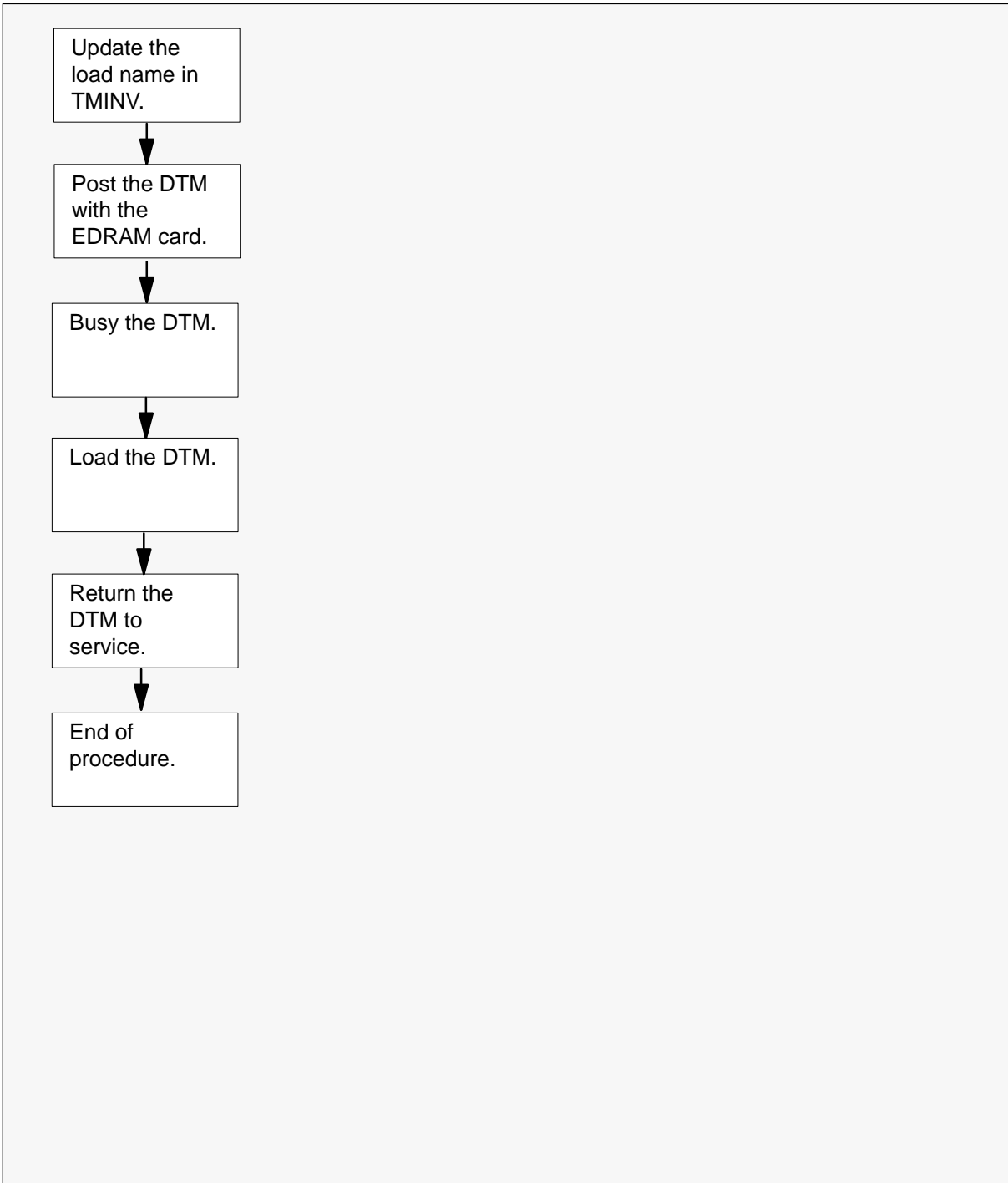
There must be a corresponding PROM in table DRAMS for every announcement file in table EDRAMINV.

Updating the EDRAM (continued)

Summary of procedure

```
┌─────────────┐
│ Update the  │
│ load name in│
│ TMINV.      │
└─────────────┘
       │
       ▼
┌─────────────┐
│ Post the DTM│
│ with the    │
│ EDRAM card. │
└─────────────┘
       │
       ▼
┌─────────────┐
│ Busy the DTM.│
│             │
│             │
└─────────────┘
       │
       ▼
┌─────────────┐
│ Load the DTM.│
│             │
│             │
└─────────────┘
       │
       ▼
┌─────────────┐
│ Return the  │
│ DTM to      │
│ service.    │
└─────────────┘
       │
       ▼
┌─────────────┐
│ End of      │
│ procedure.  │
│             │
└─────────────┘
```

Updating 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 Confirm that all prerequisites for this procedure have been met.

3 Access the PM inventory table by typing

  >TABLE TMINV
  and pressing the Enter key.

4 Position on the datafill tuple for the PM to be updated by typing

  >POS DTM dtm_no
  and pressing the Enter key.

  where

  dtm_no   is the number of the DTM

5 Change the load name to the new load name by typing

  >CHA LOAD new_load
  and pressing the Enter key.

  where

  new_load   is the name of the new load

6 Confirm the change by typing

  >Y
  and pressing the Enter key.

  Note: The PM will change state to in-service trouble (ISTb) due to the load mismatch with the inventory table. Continue with this procedure.

Updating the EDRAM (continued)

7   Exit the table by typing

>QUIT

and pressing the Enter key.

If the voice files are stored	Do
on a DDU device	step 8
on a SLM device	step 9

8   List the volume by performing the following steps.

a.   Access the utility by typing

>DSKUT

and pressing the Enter key.

b.   List the disk volume by typing

>LISTVOL vol_name

and pressing the Enter key.

where

vol_name   is the name of the disk volume

c.   Skip step 9 and go to step 10.

9   List the volume by performing the following steps.

a.   Access the utility by typing

>DISKUT

and pressing the Enter key.

b.   List the disk volume by typing

>LF vol_name

and pressing the Enter key.

where

vol_name   is the name of the disk volume

10   Quit the utility by typing

>QUIT

and pressing the Enter key.

11   Access the PM level of the MAP display by typing

>MAPCI; MTC; PM

and pressing the Enter key.

Updating the EDRAM (continued)

12   Post the DTM with the EDRAM to update by typing

>POST DTM dtm_no
and pressing the Enter key.

where

dtm_no   is the number of the DTM

Note: The PM will be ISTb due to the load mismatch with its inventory table. If necessary, wait for the PM to change to ISTb before continuing with this procedure. If the PM does not change to ISTb, confirm that the PM inventory table was correctly updated and the correct PM is posted.

13   Busy the DTM by typing

>BSY
and pressing the Enter key.

14   Load the DTM by typing

>LOADPM
and pressing the Enter key.

Note: The DTM will be updated with the new EDRAM load and the voice files resident on the switch.

15   Return the DTM to service by typing

>RTS
and pressing the Enter key.

If the office	Do
requires verification of the phrases	step 16
does not require verification of the phrases	step 17

16   Verify the phrases by performing the following steps.

a.   Access the EDRAM recording utility by typing

>DRAMREC
and pressing the Enter key.

Updating the EDRAM (end)

    b.   Connect the headset to the EDRAM controller circuit by typing

        >CONNECT edram_no clli_name
        and pressing the Enter key.

        where

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

        Example

        >CONNECT 4 HSET 22

    c.   Display the EDRAM's announcements by typing

        >DISPLAY edram_no
        and pressing the Enter key.

        where

        edram_no   is the number of the EDRAM controller circuit

        Example

        >DISPLAY 4

    d.   Play the phrase by typing

        >PLAYBACK edram_no phrase_ext
        and pressing 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 for each phrase to be verified.

    f.   Exit the EDRAM recording utility by typing

        >QUIT
        and pressing the Enter key.

17   You have have successfully completed this procedure and updated the voice files in a DTM with an EDRAM.

If there are	Do
other DTMs with EDRAMs to update with voice files during this shift	Repeat this procedure for each DTM with an EDRAM to update.
no other DTMs with EDRAMs to update with voice files during this shift	Go to "Finishing a PM update shift" in this document.

Finishing a PM update shift

Application

Use this procedure when completing a shift to update EDRAMs 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 loads tape.

Prerequisites

The procedure "Starting a PM update shift" in this document must have been 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 may 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 may determine when old load files are deleted from table PMLOADS.

Finishing a PM update shift (continued)
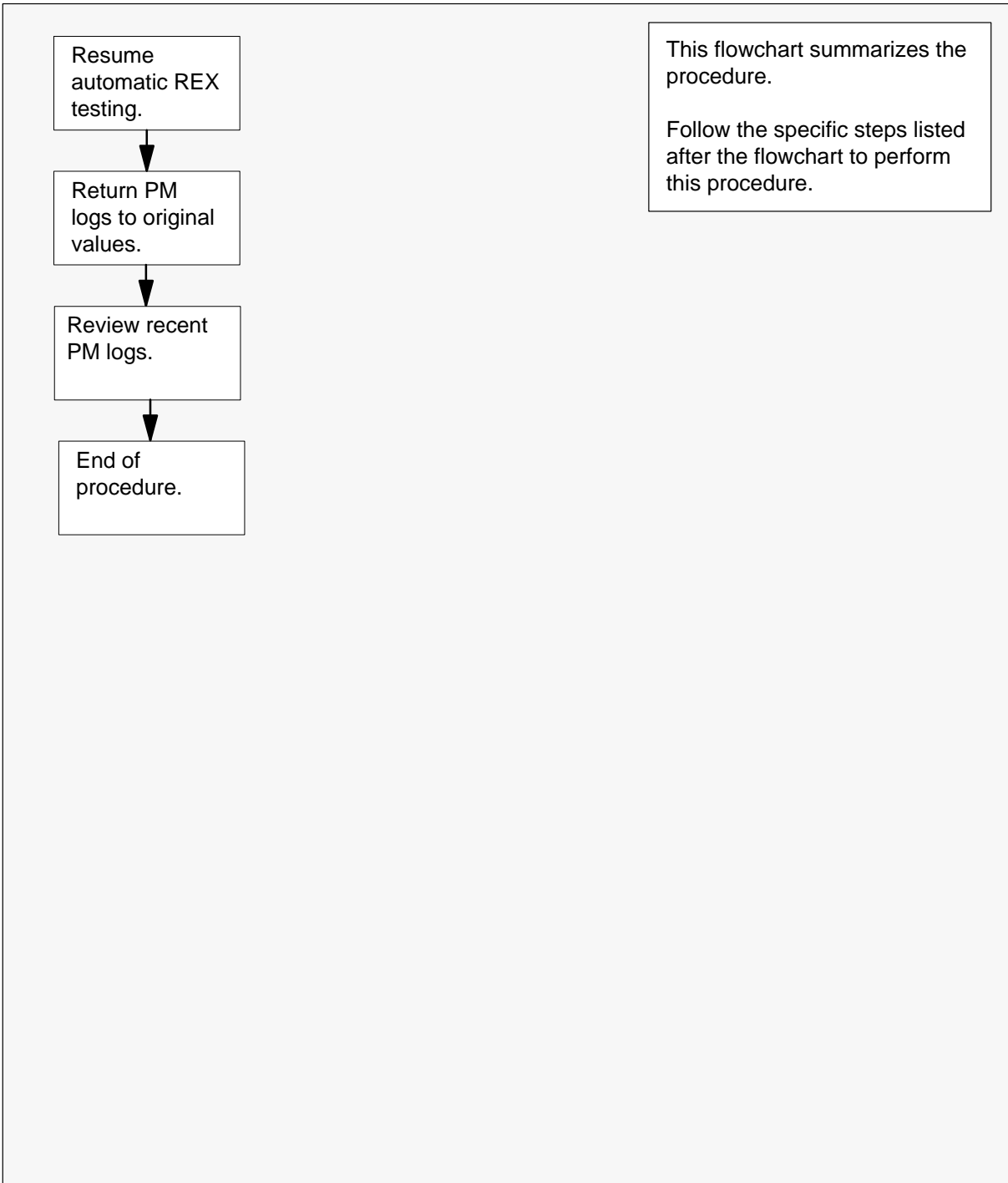
Summary of procedure

Resume automatic REX testing.

↓

Return PM logs to original values.

↓

Review recent PM logs.

↓

End of procedure.

This flowchart summarizes the procedure.

Follow the specific steps listed after the flowchart to perform this procedure.

Finishing 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 testing by typing

>**REXTEST RESUME ALL**
and pressing the Enter key.

2 Return PM logs to their original states by performing the following steps.

a. Access LOGUTIL by typing

>**LOGUTIL**
and pressing the Enter key.

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

>**SUPPRESS PM log_no**
and pressing 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
>**SUPPRESS PM 129 181**

Finishing 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 by typing

           >THRESHOLD th_value PM log_no
           and pressing the Enter key.

           where

th_value	is the original threshold value, recorded during the procedure "Starting 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 by typing

           >QUIT
           and pressing the Enter key.

3 Review any recent logs, and verify the DTMs and EDRAMs that were updated during this shift have remained inservice.

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

DMS-100 Family

Enhanced Digital Recorded Announcement Machine

Peripheral Module Software Release

Document Voice Files

NORTEL

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