NetView Performance Monitor Messages and Codes, Version 2.7

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Preface

NetView Performance Monitor Messages and Codes lists messages and codes issued by Tivoli® NetView® Performance Monitor (NPM). This book contains information to help operators and system programmers understand, interpret, and respond to NPM messages and codes.

Note: For a list of the NPM VM installation messages, see the NPM Installation Memo to Users.

Who Should Read This Book

This is a reference book for NPM operators, system console operators, and system programmers who need to understand, interpret, and respond to NPM messages and codes. It is also a reference book for Tivoli service representatives who plan, maintain, and control the operating system and communication network.

What This Book Contains

This book provides detailed information about the messages and codes you might receive from NPM.

- Chapter 1, **NPM Host Messages**
  Contains the following types of messages in alphanumeric order:
  - **General NPM 3270 Messages** from FNM0000W to FNM996E
  - **NPM 3270 Batch Reports Messages** from FNM1001T to FNM1027T
  - **CDI Connection and NetWare Messages** from FNM1100E to FNM1189I
  - **NPM TCP/IP TELNET Messages** from FNM1200I to FNM1209I

- Chapter 2, **Console Messages**
  Contains Console messages in alphanumeric order from FNM2002I to FNM2090E.

- Chapter 3, **Abend Codes**
  Lists and describes the NPM user abend codes in alphanumeric order from U0001 to U4095. Many of the codes list reason codes and their descriptions.

- Chapter 4, **Sense Code Problem Determination**
  Lists and describes the sense codes that you can get from other programs while you are using NPM. These include sense codes for the FNM088W message in hexadecimal order from 0801000C to 10050002, and sense codes for VTAM® collections from C2010001 to D812002C.

- Chapter 5, **U3120 Register 2 Contents Table**
  Lists and describes possible contents of Register 2 when the abend code U3120 is issued. Register 2 contents are listed in hexadecimal order from C2E4C640 to E2C4E340.

- Chapter 6, **System Logic Error Codes**
  Lists and describes logic error codes that you can receive when requests between NPM systems cannot be formatted correctly or error conditions exist, and message FNM799S is issued.
A glossary is provided at the end of the book. A product bibliography is included in *NetView Performance Monitor Concepts and Planning*.

### Publications

This section lists publications in the NPM library and any other related documents. It also describes how to access Tivoli publications online, how to order Tivoli publications, and how to make comments on Tivoli publications.

#### NPM Library

The following documents are available in the NPM library:

- **NetView Performance Monitor Concepts and Planning**, GH19-6961
  
  Provides information about the basic concepts of NPM and helps you plan for installing NPM and migrating from a previous release.

- **NetView Performance Monitor Installation and Customization**, SH19-6964
  
  Provides information about installing, customizing, and tuning NPM.

  
  Explains how to use the graphical interface for NPM.

- **NetView Performance Monitor Reference**, SH19-6965
  
  Provides information for operators, system programmers, and system planners who want to produce reports and write applications using data collected by NPM.

- **NetView Performance Monitor Messages and Codes**, SH19-6966
  
  Provides information to help operators and system programmers understand, interpret, and respond to NPM messages and codes.

  
  Provides information for new and experienced operators who use NPM on a daily basis to manage a communication network.

- **NetView Performance Monitor Diagnosis**, LY19-6381
  
  Provides information about analyzing an NPM problem, classifying it as a specific type of failure, collecting data, and describing the problem to the Customer Support.

- **IBM Online Library Omnibus Edition OS/390 Collection Kit** (available December 2001), SK2T-6700
  
  CD-ROM containing all OS/390® documentation.

- **IBM Online Library z/OS Software Products Collection Kit** (available December 2001), SK3T-4270
  
  CD-ROM containing all z/OS™ documentation.

#### Related Publications

A product bibliography is included in the *NetView Performance Monitor Concepts and Planning* manual.

#### Accessing Publications Online

You can access many Tivoli publications online at the Tivoli Customer Support Web site:

These publications are available in PDF or HTML format, or both. Translated documents are also available for some products.

**Ordering Publications**

You can order many Tivoli publications online at the following Web site:

http://www.ibm.com/shop/publications/order

You can also order by telephone by calling one of these numbers:

- In the United States: 800-879-2755
- In Canada: 800-426-4968
- In other countries, for a list of telephone numbers, see the following Web site:

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We are very interested in hearing about your experience with Tivoli products and documentation, and we welcome your suggestions for improvements. If you have comments or suggestions about our products and documentation, contact us in one of the following ways:

- Send an e-mail to pubs@tivoli.com.
- Complete our customer feedback survey at the following Web site:

**Contacting Customer Support**

If you have a problem with any Tivoli product, you can contact Tivoli Customer Support. See the *Tivoli Customer Support Handbook* at the following Web site:


The handbook provides information about how to contact Tivoli Customer Support, depending on the severity of your problem, and the following information:

- Registration and eligibility
- Telephone numbers and e-mail addresses, depending on the country you are in
- What information you should gather before contacting support

**Note:** For Tivoli NetView for OS/390 customers only, additional support is available on the NETVIEW CFORUM (Customer Forum) through the IBMLink™ system. This forum is monitored by NetView developers who answer questions and provide guidance. When a problem with the code is found, you are asked to open an official problem management record (PMR) to get resolution.

**Conventions Used in This Book**

Messages variables in this book are shown in *italics* and system commands in CAPITAL letters.

The term *z/OS* is used in this book to mean *z/OS and OS/390* operating systems. Where the term OS/390 does appear, the related information applies *only* to OS/390 operating systems.
Using LookAt to Look up Message Explanations

LookAt is an online facility that allows you to look up explanations for z/OS messages, system abends, and some codes. Using LookAt to find information is faster than a conventional search because in most cases LookAt goes directly to the message explanation. You can access LookAt from the Internet at:


or from anywhere in z/OS where you can access a TSO command line (for example, TSO prompt, ISPF, z/OS UNIX® System Services running OMVS).

To find a message explanation on the Internet, go to the LookAt Web site and simply enter the message identifier (for example, IAT1836 or IAT*).

To use LookAt as a TSO command, LookAt must be installed on your host system. You can obtain the LookAt code for TSO from a disk on your z/OS Collection Kit, SK3T-4269 or from the LookAt Web site. To obtain the code from the LookAt Web site, do the following:

2. Click the News button.
3. Scroll to Download LookAt Code for TSO and VM.
4. Click the ftp link, which will take you to a list of operating systems. Select the appropriate operating system. Then select the appropriate release.
5. Find the lookat.me file and follow its detailed instructions.

To find a message explanation from a TSO command line, simply enter: `lookat message_id`. LookAt will display the message explanation for the message requested.

**Note:** Some messages have information in more than one book. For example, IEC1921 has routing and descriptor codes listed in z/OS MVS Routing and Descriptor Codes, SA2-7624. For such messages, LookAt prompts you to choose which book to open.

New and Changed Messages for Version 2.4

The new and changed messages for NPM V2R4 are listed below in Table 1. If you want to reuse a customized message table from Version 2 Release 3 of NPM, you must update your table with the new and changed messages for this release.

**Table 1. New and Changed Messages for NPM V2R4**

<table>
<thead>
<tr>
<th>Message Numbers</th>
<th>FNM151W</th>
<th>FNM1201I</th>
<th>FNM1206I</th>
</tr>
</thead>
<tbody>
<tr>
<td>FNM340W</td>
<td>FNM1202I</td>
<td>FNM1207I</td>
<td></td>
</tr>
<tr>
<td>FNM342E</td>
<td>FNM1203I</td>
<td>FNM1208I</td>
<td></td>
</tr>
<tr>
<td>FNM686W</td>
<td>FNM1204I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FNM1200I</td>
<td>FNM1205I</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
New and Changed Messages for Version 2.5

The new and changed messages for NPM V2R5 are listed below in Table 2. If you want to reuse a customized message table from Version 2 Release 4 of NPM, you must update your table with the new and changed messages for this release.

Table 2. New and Changed Messages for NPM V2R5

<table>
<thead>
<tr>
<th>Message Numbers</th>
<th>FNM660W</th>
<th>FNM769E</th>
</tr>
</thead>
<tbody>
<tr>
<td>FNM137E</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FNM150I-to-FNM153W</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FNM320I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FNM339W</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FNM341E</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FNM344W-to-FNM347E</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FNM400I-to-FNM442I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FNM540I-to-FNM545E</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FNM599W</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

New and Changed Messages for Version 2.6

The new and changed messages for NPM V2R6 are listed below in Table 3. If you want to reuse a customized message table from Version 2 Release 5 of NPM, you must update your table with the new and changed messages for this release.

Table 3. New and Changed Messages for NPM V2R6

<table>
<thead>
<tr>
<th>Message Numbers</th>
<th>FNM756E</th>
<th>FNM2002I</th>
</tr>
</thead>
<tbody>
<tr>
<td>FNM202I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FNM203I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FNM206I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FNM207I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FNM281W</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FNM527I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FNM624E</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

New and Changed Messages for Version 2.7

The new and changed messages for NPM V2R7 are listed below in Table 4. If you want to reuse a customized message table from Version 2 Release 6 of NPM, you must update your table with the new and changed messages for this release.

Table 4. New and Changed Messages for NPM V2R7

<table>
<thead>
<tr>
<th>Message Numbers</th>
<th>FNM627E</th>
<th>FNM1120W</th>
</tr>
</thead>
<tbody>
<tr>
<td>FNM269I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FNM443I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FNM530E-to-FNM533I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FNM536E-to-FNM539I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FNM546I-to-FNM548E</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
The message line for NPM messages is formatted as shown in Figure 1.

Each element of Figure 1 is described in the following list:

A The component code identifies the program that generated the message:
   • For NPM initialization program messages, the component code is FNMYK.
   • For general NPM messages, NPM batch program reporting messages, NPM LU 6.2 CDI connection, NPM Console messages, and NetWare resources collection messages the component code is FNM.

B The identifier is a unique number assigned to each message.

C The action indicator specifies the type of action required and tells you the severity of the message. It is not used in messages that begin with FNMYK. The following is the list of action indicators in the order of severity:

(I) Information
   Indicates that important information is being brought to your attention. Action is usually not required.

(W) Warning
   Indicates error conditions that do not cause commands to fail or to be entirely rejected. It tells you that there is a problem in which a minor part of the command or procedure cannot be processed, although NPM continues processing other parts of the command or procedure. Action might be required.

(E) Error
   Indicates error conditions that cause commands to fail or to be rejected. NPM continues processing but does not process the command or request. Action is usually required.

(A) Action
   Indicates that operator action is required. NPM stops processing. You must take action to continue NPM processing.

(S) Severe
   Indicates a severe error. NPM stops processing and immediate operator action is required.

(T) Terminate
   Indicates a termination error. NPM ends processing.
The message text (in **boldface**) notifies you of problems or presents you with important information. It might contain message variables (in *italics*) that are set by NPM. In [Figure 1](#), for example, the message variable *userid* would be replaced by the user’s identification.

Each message description can include the following:

- **Explanation**, which describes the event that caused the message.
- **System Action**, which describes the action taken by NPM or the operating system when the error occurred.
- **Operator Response**, which outlines the steps the operator should take if the message is displayed. Operator responses can apply to any of the following operators:
  - **NPM Operator**
    A person who operates a terminal to install NPM or to use NPM for collecting and analyzing data.
  - **NPM Graphic Subsystem Operator**
    A person who uses the NPM graphic subsystem to analyze and graph NPM data.
  - **System Console Operator**
    A person who monitors the system operation and uses the display console to communicate between the system and the operators, primarily specifying information concerning applications and I/O operations.
- **Programmer Response**, which outlines the steps a system programmer should take if the message is displayed. Occasionally, instructions provided in this section can also be performed by the security administrator.

**HELPMSG Command**

Use the HELPMSG command if you need to view help information for a message while you are logged on to NPM. You can type either `HELPMSG FNMMn``nnnn` or `HELPMSG``nnnn` (where `nnnn` is the message number) in the Select Option or Command field of your current panel. For example, for information about message 1014, you can type:

`HELPMSG FNMM1014`

or

`HELPMSG 1014`

You do not need leading zeros for messages. For example, for information about message 028, you can type:

`HELPMSG FNMM28`

or

`HELPMSG 28`

The help panels for that message identifier are then displayed. You can also assign the HELPMSG command to a PF key. You then type only the message number in the Select Option or Command field and press the HELPMSG PF key.

For more information about using NPM's help facility, see NetView Performance Monitor User’s Guide.
HELPMSG Command

**Note:** You cannot use the HELPMSG command from the graphic subsystem or the NPM initialization program.
NPM Host Messages

This chapter contains the following types of messages in alphanumeric order:

- "General NPM 3270 Messages" from FNM000W to FNM996E
- "NPM 3270 Batch Reports Messages" on page 89, from FNM1001T to FNM1027T
- "CDI Connection and NetWare Messages" on page 92, from FNM1100E to FNM1189I
- "NPM TCP/IP TELNET Messages" on page 98, from FNM1200I to FNM1209I

For information about the NPM message format, see "Message Format" on page x.

General NPM 3270 Messages

In this section, messages are arranged in alphanumeric order from FNM000W to FNM996E.

---

**FNM000W**

**module MESSAGE**

**msgno NOT DEFINED IN TABLE table_name**

**Explanation:** msgno was called but was not found in the message definition module identified by the table.

**System Action:** NPM ignores the message call and continues processing.

**Operator Response:** Notify your system programmer.

**Programmer Response:** If the message was deleted by error from the message definition module, add it back to the table. See NPM Diagnosis, for more information about documenting message problems.

---

**FNM006E**

**DESTSA destination_subarea, VR virtual_route, TP transmission_priority NOT FOUND OR NOT VALID FOR DATA COLLECTION OR DUPLICATE NAME**

**Explanation:** An attempt to collect data for the specified destination subarea, virtual route (VR), and transmission priority (TP) failed due to one of the following conditions:

- The specified resource was not found
- The specified name is not valid
- A collection was already started on the same resource with the same parameters

**System Action:** NPM does not process the command.

**Operator Response:** Verify the spelling of the resource, correct any errors, and retry the command.

**Programmer Response:** None.

---

**FNM007E**

**RESOURCE resource_name NOT FOUND OR NOT VALID FOR DATA COLLECTION OR DUPLICATE NAME.**

**Explanation:** The collection attempt for resource_name failed for one of the following reasons:

- The ccu_name is not valid (for NCP only).
- The service_point is not valid (for NetWare only).
- The resource was not found.
- The resource is an unsupported resource, such as a start/stop device.
- The resource type is not valid for the specified application.
- The specified name is not valid
- A collection was already started on the same resource with the same parameters

If NPM terminated and there were active NetWare collections and this message occurred during restart, checkpoint processing has taken place. See NPM Diagnosis for more information.

**System Action:** NPM does not process the command.

**Operator Response:** Verify the spelling of the resource and notify your system programmer.

**Programmer Response:** If the resource is a CCU or service point, verify that it is defined to NPM. Otherwise, verify that the resource is properly defined in the NCP for the CCU. If the
resource has a duplicate name in another NCP, verify SNI=YES in the NCP. No programmer response is required for VTAM statistics resources.

**FNM008E**

**NCP ncp_name NOT DEFINED OR UPPER RESOURCE UNKNOWN TO IT**

**Explanation:** The collection attempt failed for the specified NCP because the NCP name is not known to NPM or because a resource is not attached to the specified NCP. The NCP name must match the name on the NPALU Display and Management panel, and resources must be defined to the NCP.

**System Action:** NPM does not process the command.

**Operator Response:** Verify the spelling of the NCP name and the resource specified in the UPPER keyword. If they are not matching or defined, notify your system programmer.

**Programmer Response:** Verify that the NCP is correctly defined to NPM.

**FNM009E**

**NO VALID RESOURCE FOUND FOR COMMAND OR DUPLICATE COMMAND**

**Explanation:** The resources listed are not valid for the type of collection specified, or the command is not valid because it was already issued against a generic resource name.

**System Action:** NPM does not process the command.

**Operator Response:** Ensure that resource names and command parameters are correctly entered. If the resources are NCP resources, verify that the NCP has not been deleted or replaced.

**Programmer Response:** Verify the NPM initialization statements. If the resources are NCP resources, verify that the NCP is correctly defined to NPM.

**FNM010W**

**UPPER KEYWORD NOT VALID FOR NON-GENERIC RESOURCES. IT IS IGNORED.**

**Explanation:** When specifying explicit resources, the UPPER keyword on the NETCOLL command is not valid.

**System Action:** The UPPER keyword is ignored and the command is processed.

**Operator Response:** Remove the UPPER keyword from the command and retry the operation.

**Programmer Response:** None.

**FNM015E**

**FIELD CONFLICTS WITH RESOURCE TYPE**

**Explanation:** The combination of resource type, resource name, destination subarea, virtual route (VR), and transmission priority (TP) that has been entered is not valid on this panel.

**System Action:** NPM does not process the command.

**Operator Response:** Enter one of the following valid combinations:

- Enter a resource type of VR and a resource name of ALLVR, and leave the destination subarea, VR, and TP fields blank.
- Enter a resource type of VR, leave the resource name field blank, and enter valid information in the destination subarea, VR, and TP fields.
- Enter a valid resource type other than VR and a valid resource name, and leave the destination subarea, VR, and TP fields blank.

**Programmer Response:** None.

**FNM016E**

**ONE OF DESTSA/VR/TP SHOULD NOT BE CODED**

**Explanation:** The resource type that has been entered is not VR, but information has been entered in the destination subarea field, the VR field, or the TP field. The destination subarea, VR, and TP fields are only valid when entering a resource type of VR.

**System Action:** NPM does not process the command.

**Operator Response:** Enter one of the following valid combinations:

- Enter a resource type of VR and a resource name of ALLVR, and leave the destination subarea, VR, and TP fields blank.
- Enter a resource type of VR, leave the resource name field blank, and enter valid information in the destination subarea, VR, and TP fields.
- Enter a valid resource type other than VR and a valid resource name, and leave the destination subarea, VR, and TP fields blank.

**Programmer Response:** None.

**FNM017E**

**STOP TIME PREcedes CURRENT TIME. COMMAND NOT PROCESSED.**

**Explanation:** The stop time inhibited the processing of a command because it is before the current time. The stop time must be later than the current time.

**System Action:** NPM does not process the command.

**Operator Response:** Correct the stop time.

**Programmer Response:** None.
FNM018E  command|parameter_name
UNRECOGNIZED COMMAND OR COMMAND MODIFIER

Explanation: The command_name or the parameter_name is not valid.

System Action: NPM does not process the command.

Operator Response: Notify your system programmer.

Programmer Response: See NPM Installation and Customization for more information and proceed accordingly.

FNM019E  STOP TIME MUST EXCEED START TIME BY AT LEAST 1 BASE INTERVAL

Explanation: The stop time must be later than the start time by at least one base interval. Interval values are set in the NPM default initialization data set and displayed on the Network Start panel. If the network is running across different time zones, adjustments might put the stop time past midnight.

System Action: NPM does not process the command.

Operator Response: Verify that the p.m. specification is based on a 24-hour clock (for example, 6:30 p.m. is 18:30 hours). Reissue the command. See the NPM User’s Guide for additional information.

Programmer Response: None.

FNM020E  LOW VALUE FOR data_type GREATER THAN HIGH VALUE

Explanation: The high-criteria value must be greater than or equal to the low-criteria value.

System Action: NPM does not process the command.

Operator Response: Correct the limits and reissue the command.

Programmer Response: None.

FNM021E  DAILY COMMANDS REQUIRE VALID START AND STOP TIMES

Explanation: The start and stop times are not valid. These times are required when you use DAILY=YES.

System Action: NPM does not process the command.

Operator Response: Specify valid start and stop times.

Programmer Response: None.

FNM022E  RESOURCE resource_name NOT VALID FOR SPECIFIED TYPE OF MONITOR DATA

Explanation: The type of data you specified to monitor is not valid for resource_name. For example, NPM cannot monitor line utilization limits for a logical unit.

System Action: NPM does not process the command.

Operator Response: Check the data type and resource name. Correct the error and reissue the command.

Programmer Response: None.

FNM023W  RESOURCE resource_name NOT VALID FOR SPECIFIED TYPE OF MONITOR DATA

Explanation: The type of data you specified to monitor is not valid for resource_name. For example, NPM cannot monitor the limits for the number of active LUs in a summary record for a logical unit.

System Action: NPM continues to process the command, ignoring the monitor limits that are not valid.

Operator Response: None.

Programmer Response: None.

FNM024E  MONITOR VALUE monitor_name INVALID

Explanation: The monitor value entered is not valid on the target NPM system.

System Action: The command fails.

Operator Response: Reissue the command using a monitor value that is valid on the target NPM system. If the problem persists, notify your system programmer.

Programmer Response: If the data entered is valid for this resource, contact Customer Support.

FNM025I  date time NPM INITIALIZATION COMPLETE

Explanation: NPM initialization completed without errors.

System Action: NPM begins processing.

Operator Response: None.

Programmer Response: None.
<table>
<thead>
<tr>
<th>Message Code</th>
<th>Message Title</th>
<th>Explanation</th>
<th>System Action</th>
<th>Operator Response</th>
<th>Programmer Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>FNM026E</td>
<td>MONITOR TYPE FOR <code>buffer_pool</code> INVALID</td>
<td>An error was detected while processing an NPM EXEC. The monitor type that was specified for a specific buffer pool name is not correct. NPM writes the message to the SYSPRINT data set and issues message FNM270E, which displays the command that invoked the NPM EXEC.</td>
<td>NPM stops processing the NPM EXEC and the command fails.</td>
<td>Correct all errors and reissue the command.</td>
<td>None</td>
</tr>
<tr>
<td>FNM027E</td>
<td>DESTSA PARAMETER <code>subarea_name</code> IS NOT KNOWN</td>
<td>You specified an unknown destination subarea in the VVRCOLL command.</td>
<td>The command fails.</td>
<td>Type a valid destination subarea name, and reissue the command.</td>
<td>None</td>
</tr>
<tr>
<td>FNM028E</td>
<td>COMMAND FAILS DUE TO INTERNAL LOGIC ERROR</td>
<td>The VTAM command processors received a command data format that was not valid.</td>
<td>The command fails.</td>
<td>Notify your system programmer.</td>
<td>Contact Customer Support. This message accompanies logic error code 063.</td>
</tr>
<tr>
<td>FNM029E</td>
<td>DAILY COMMANDS REQUIRE VALID TIME</td>
<td>The time entered is not valid. The time is required when you use DAILY=YES.</td>
<td>NPM does not process the command.</td>
<td>Enter a valid time.</td>
<td>None</td>
</tr>
<tr>
<td>FNM030E</td>
<td>MPC GROUP IS NOT KNOWN</td>
<td>You specified an unknown MPC group in the VDEVCOLL command.</td>
<td>The command fails.</td>
<td>Type a valid MPC group name, and reissue the command.</td>
<td>None</td>
</tr>
<tr>
<td>FNM040E</td>
<td>MAXIMUM RESOURCES EXCEEDED. <code>resource_name</code> NOT STARTED</td>
<td>A request has been made to collect information about more resources than the maximum specified during NCP generation. Additional collections cannot start until a previously initiated command is stopped.</td>
<td>NPM does not process the command.</td>
<td>If a previously started collection cannot be stopped, notify your system programmer.</td>
<td>Increase the MAXCOLL value when this NCP is regenerated.</td>
</tr>
<tr>
<td>FNM041E</td>
<td>NO MATCHING START COMMAND FOUND FOR RESOURCE <code>resource_name</code></td>
<td>The STOP or STOP ALL command issued for <code>resource_name</code> has no matching START command.</td>
<td>NPM does not process the command.</td>
<td>Verify that you have used the correct resource name.</td>
<td>None</td>
</tr>
<tr>
<td>FNM042E</td>
<td>NO MATCHING START COMMAND FOUND FOR RESOURCE DESTSA <code>destination_subarea</code>, <code>VR virtual_route</code>, <code>TP transmission_priority</code></td>
<td>An attempt was made to issue a STOP command for the specified destination subarea, virtual route, and transmission priority that had no matching START command.</td>
<td>NPM does not process the command.</td>
<td>Verify the resource name and retry the command.</td>
<td>None</td>
</tr>
<tr>
<td>FNM045W</td>
<td>Date <code>time</code> NPM INITIALIZATION COMPLETED WITH ERRORS</td>
<td>If any errors were found during NPM initialization this message is issued rather than FNM025L. Preceding messages describe the error conditions encountered.</td>
<td>NPM continues processing, but certain functions might be restricted.</td>
<td>Check the output of FNMILOG for the cause of the message.</td>
<td>None</td>
</tr>
</tbody>
</table>
**FNM048E**  
**MAXIMUM ERROR RETRY COUNT MET FOR UNIT**  
**unit_name**

**Explanation:** NPM attempted an input/output (I/O) to **unit_name** and failed. Rather than retry continuously, NPM shuts down the unit and allows no further access.

**System Action:** NPM unbinds the unit.

**Operator Response:** If **unit_name** is an NPALUs, issue the BIND command from the NPM Control Function NPALU Display and Management panel. If **unit_name** is an LU 6.2 connection, retry the logon operation. If the same message displays, notify your system programmer.

**Programmer Response:** For NPALUs, Verify that the NPALU is active and available to bind. For LU 6.2 connections, check the preceding messages for more information.

---

**FNM050W**  
**DATA FOR PREVIOUS INTERVAL NOT YET RECEIVED FOR NCP**  
**ncp_name**

**Explanation:** The interval expired before data from the preceding interval was processed because the data processing was too slow or the interval value was too small. Data is processed when the next interval expires.

**System Action:** NPM continues processing while waiting for data from the NCP.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Verify that the NCP interval is not too small, and review NCP use to determine why the NCP has not sent the data.

---

**FNM051W**  
**NCP**  
**ncp_name**  
**NOW IN SLOWDOWN. SOME DATA NOT RECEIVED THIS INTERVAL**

**Explanation:** **ncp_name** entered slowdown status while reporting data to NPM. NPM processes the data collected during slowdown when the NCP exits slowdown status and begins accepting requests from the host again.

**System Action:** NPM waits for the NCP to recover from slowdown status.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Check NCP buffer use. See **NPM Reports and Record Formats** for more information.

---

**FNM052E**  
**MISMATCH BETWEEN NCP**  
**ncp_name**  
**AND NPM**

**Explanation:** The NCP and NPM are not compatible for one of the following reasons:

- The resource is not in the resource resolution table (RRT) for this NCP. Network collection will fail for that resource.
- The wrong RRT is associated with this NCP.

- The communication control unit (CCU) is loaded with a different NCP than the one used when the NCP was defined to NPM.

**System Action:** NPM continues processing.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Verify that the NCP VTAMLST member and the NCP RRT used to define the NCP to the network are the same ones used to define the NCP to NPM. If either has been changed, redefine the NCP to NPM to pick up the changes.

---

**FNM053E**  
**NPA RU COMMAND FOR NCP**  
**ncp_name**  
**IS NOT VALID**

**Explanation:** **ncp_name** detected a command that was not valid.

**System Action:** NPM does not process the command.

**Operator Response:** Notify your system programmer.

**Programmer Response:** See **NPM Diagnosis** for information about diagnosing message problems.

---

**FNM054E**  
**ncp_name**  
**RESOURCES NOT AVAILABLE TO START COLLECTION**

**Explanation:** **ncp_name** did not start collection for the requested resources. The NCP has no control blocks available to start collection.

**System Action:** NPM continues processing and issues message FNM088W.

**Operator Response:** Try to restart the collection. If the condition continues, record the sense code from message FNM088W and notify your system programmer.

**Programmer Response:** Verify that the NCP VTAMLST member and the NCP RRT used to define the NCP to the network are the same ones used to define the NCP to NPM. If either has been changed, redefine the NCP to NPM to pick up the changes.

---

**FNM055E**  
**INTERVAL NUMBER FOR START OR STOP COMMAND IS NOT VALID. NCP**  
**ncp_name**

**Explanation:** **ncp_name** received a command that does not have an interval number between 1 and 7.

**System Action:** NPM does not process the command.

**Operator Response:** See the **NPM User’s Guide** for information about specifying intervals. If the problem persists, notify your system programmer.

**Programmer Response:** See **NPM Diagnosis** for information about diagnosing message problems.
FNM056E FOR NCP ncp_name RESOURCE COUNT IS ZERO IN START OR STOP COMMAND

Explanation:  ncp_name attempted to start or stop collection on zero resources.

System Action:  NPM does not process the command.

Operator Response:  Notify your system programmer.

Programmer Response:  See NPM Diagnosis for information about diagnosing message problems.

FNM057W NCP ncp_name IN SLOWDOWN. NO DATA RECEIVED FOR INTERVAL

Explanation:  ncp_name was in slowdown status for the entire interval. Because the NCP does not send back data collected during slowdown status, no data is available for this interval.

System Action:  NPM processes data collected during slowdown status after the first interval expires (slowdown status is exited).

Operator Response:  Notify your system programmer.

Programmer Response:  Check NCP buffer use. See NPM Installation and Customization for more information.

FNM058W NCP ncp_name REPORTED ZERO CYCLE SPEED

Explanation:  ncp_name did not send back the cycle speed for the hardware in which it is running. Because the cycle-use calculations are based on this speed, the measurement cannot be given.

System Action:  NPM reports cycle use of 100%.

Operator Response:  Notify your system programmer.

Programmer Response:  See NPM Installation and Customization for more information about defining the NCP configuration.

FNM059E COLLECTION DATA FOR RESOURCE resource_name FROM NCP ncp_name NOT VALID

Explanation:  NPM received an invalid Collect RU for resource resource_name from NCP ncp_name.

System Action:  NPM stops the collection.

Operator Response:  Notify your system programmer.

Programmer Response:  Follow the procedures for documenting network collection problems (see NPM Diagnosis), and contact Customer Support.

FNM060E FOR NCP ncp_name UNKNOWN ERROR WITH SENSE sense_code RECEIVED

Explanation:  A system error occurred during processing in ncp_name.

System Action:  NPM continues processing.

Operator Response:  Notify your system programmer.

Programmer Response:  See Chapter 4, Sense Code Problem Determination.

FNM061W DATA RECEIVED FROM NCP ncp_name IS NOT VALID, DATA=ru_data

Explanation:  NPALU sent an unidentified RU containing a data type identifier that is not valid. The identifier is shown in the message.

System Action:  NPM ignores the RU data and continues processing.

Operator Response:  Notify your system programmer.

Programmer Response:  See the Diagnostic Procedure Flowchart in NPM Diagnosis.

FNM065I ncp_name (npalu_name) IS NOW ACTIVE

Explanation:  ncp_name is now available for network collection. Any collection commands for the resource that were active when the NCP was last active are restarted.

System Action:  NPM continues processing.

Operator Response:  None.

Programmer Response:  None.

FNM066W INTERVAL interval_number CANNOT SYNCHRONIZE ON AN HOURLY BASIS

Explanation:  The selected NPM interval_number represents a time that is not a divisor of 60 or evenly divisible by 60. The system cannot synchronize the designated NPM interval on an hourly basis.

System Action:  The first occurrence of the designated interval is synchronized as requested, but subsequent intervals cannot be synchronized.

Operator Response:  Notify your system programmer.

Programmer Response:  Adjust the SYNCH parameter in the NPM initialization statement.
**FNM067I**  NPM npm_a ON HOST host_a IS CONNECTED TO NPM npm_b ON HOST host_b

**Explanation:** The two NPMs are now connected for NPM-to-NPM communication.

**System Action:** NPM continues processing.

**Operator Response:** None.

**Programmer Response:** None.

---

**FNM078W**  NPM INTERVAL REQUIRED RESYNCHRONIZATION

**Explanation:** The Time-of-Day (TOD) clock may have been reset. NPM cannot continue with the previous interval count and retain synchronization.

**System Action:** NPM adjusts the interval count to retain synchronization.

**Operator Response:** When possible, avoid resetting the clock while NPM is running.

**Programmer Response:** Check for disordered time stamps in the log files.

---

**FNM081E**  LOGON FAILED. UNIT unit_name RELEASED. reason

**Explanation:** During the logon processing of an LU, a detected error prevented the successful connection of the LU to NPM. reason can be one of the following:

- **LU IS IN LOSTERM**–Currently, the LU appears to be in session with NPM and is being processed by the lost terminal routines.
- **LU IS NOT SUPPORTED**–The LU attempting to log on to NPM (for example, the operator ID or the host name) is already known to NPM as another type of resource.
- **NO DYNAMIC NCB(S) ARE AVAILABLE**–NPM is at its maximum number of operators, and no dynamic NCB is available to write a message to the terminal indicating this condition.
- **SESSION PARAMETERS UNAVAILABLE**–The request for session parameters from VTAM failed.
- **SESSION PARAMETERS NOT VALID**–Session parameters associated with this logon attempt indicate that the LU is not LU type 0 or LU type 2, which are the only types supported by NPM for display terminals. Check the screen size parameters.

**System Action:** NPM breaks the connection with the LU.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Check the VTAM MODETAB table entry used for the session. Correct the entry or use another valid entry to create a session.

---

**FNM082E**  unit_name UNCORRECTABLE ERROR. UNIT HAS BEEN SHUT DOWN

**Explanation:** Further access to unit_name is not possible because of an error that is not correctable. The preceding messages describe the error.

**System Action:** NPM issues an UNBIND command for the terminal or the NPALU.

**Operator Response:** Retry the logon if the unit is a terminal. If the unit is an NPALU, try to BIND the NPALU. If the same message is displayed, notify your system programmer.

**Programmer Response:** Check the preceding messages for more information.

---

**FNM083W**  UNIT unit_name HAS BEEN UNBOUND AND DEALLOCATED

**Explanation:** Error conditions disrupted the session between NPM and unit_name. The preceding messages describe the error.

**System Action:** NPM continues processing without the unit.

**Operator Response:** Retry the logon. If the same message is displayed, notify your system programmer.

**Programmer Response:** Check the preceding messages for more information.

---

**FNM084E**  VTAM REQUEST FOR UNIT unit_name IGNORED. UNIT IS OUT OF SERVICE

**Explanation:** VTAM tried to access a unit that is shut down. For example, a unit was shut down because an error could not be corrected. The preceding messages describe the reasons for the unit shutdown.

**System Action:** NPM continues processing without the unit.

**Operator Response:** Retry the logon. If the same message is displayed, notify your system programmer.

**Programmer Response:** Check the preceding messages for more information.

---

**FNM088W**  VTAM EXCEPTION. lu_name REQ= request_code, RTNCD=vtam_return_code SENSE= sense_code

**Explanation:** Errors are found in a VTAM logical unit.

**System Action:** If the resource is a terminal or an LU 6.2 connection, the system unbinds the terminal or the LU 6.2 connection because of unrecoverable errors.

**Operator Response:** If the resource is a terminal and it is unbound, retry the logon. If the message is displayed again, notify your system programmer. If the resource is an NPALU, an LU 6.2 connection, or another NPM, notify your system programmer.

**Programmer Response:** See Chapter 4, Sense Code Problem Determination. Return codes, feedback codes, and system sense
codes are described in VTAM Macro Language Reference or VTAM Programming. System sense codes are also described in VTAM Programming for LU 6.2 and Systems Network Architecture Formats.

If the resource is an NPALU, verify that another NPM does not already have this NPALU bound.

If the resource is a remote NPM, verify that you have not coded ISTATUS=ACTIVE on both the LOCAL and REMOTE ANPM statements.

If the resource is an LU 6.2 connection, the first byte of the vtam_return_code contains the RPL extension primary return code and the second byte contains the RPL extension secondary return code. The sense_code contains the sense code returned by VTAM APPCCMD.

**FNM089I** LOSTERM EXIT DRIVEN FOR NPM

Explanation: The host-to-host session has ended. The host operators with NPM control access have been notified. All of the terminals waiting in this session’s dispatch queue are notified.

System Action: NPM sends message FNM723W to all the terminals waiting in this queue. NPM does not try to reestablish the session.

Operator Response: Reissue the request one time. If it fails, check with an operator who has NPM control access. An operator with NPM control access will be given more specific data.

Programmer Response: This is a normal LOSTERM situation. You will receive message FNM088W with VTAM error codes.

**FNM090I** LOSTERM EXIT DRIVEN FOR LU

Explanation: VTAM called the NPM LOSTERM exit for lu_name.

System Action: NPM ends the session with the LU.

Operator Response: Try reestablishing the session with NPM.

Programmer Response: Check VTAM or NPM messages to determine the cause for the LOSTERM exit.

**FNM091I** LOSTERM EXIT DRIVEN FOR LU

Explanation: VTAM called the NPM LOSTERM exit for lu_name and userid.

System Action: NPM ends the session with the LU.

Operator Response: Try reestablishing the session with NPM.

Programmer Response: Check VTAM or NPM messages to determine the cause for the LOSTERM exit.
NPM Host Messages

FNM096E FILE ddname COULD NOT BE OPENED
Explanation: ddname is missing.
System Action: NPM does not use the file for processing.
Operator Response: Notify your system programmer.
Programmer Response: Supply the missing ddname statement, if required.

FNM097W MEMBER member_name NOT FOUND IN FILE ddname
Explanation: member_name was not found in the partitioned data set ddname. member_name could be misspelled.
System Action: NPM does not process the command.
Operator Response: This message occurs for the FNMPROFS data set when an operator logs on to NPM for the first time. This is a normal condition. You can also see this message if you enter the wrong message number when requesting message help. If ddname is not FNMPROFS, notify your system programmer.
Programmer Response: Verify that member_name was specified correctly when the data set was defined. See NPM Installation and Customization for a description of the ddname data set.

FNM098E I/O ERROR DURING DIRECTORY SEARCH FOR MEMBER member_name IN FILE ddname
Explanation: The find service routine was not completed.
System Action: NPM does not read member_name.
Operator Response: Notify your system programmer.
Programmer Response: Check the allocation of data sets to verify that the partitioned data set is not damaged (for MVS), or ensure that the format of the file is fixed (for VM).

FNM099E STOW FAILED FOR member_name IN FILE ddname, RC=return_code
Explanation: The stow service routine failed to add the specified member to the data set. For VM users, this message may indicate that NPM is saving the operator profile on a read-only disk.
System Action: NPM does not process the command.
Operator Response: Notify your system programmer.
Programmer Response: Check the allocation of data sets to verify that the partitioned data set is not damaged. If you are a VM user, see NPM Installation and Customization for information about the SYS statement in FNMINIT.

FNM101W ERROR REBUILDING HIERARCHY CHAINS FOR ncp_name
Explanation: NPM encountered a logic error in recreating the resource hierarchy chains for ncp_name.
System Action: NPM omits one or more resources from the rebuilt resource hierarchy chains.
Operator Response: Unbind the primary NPALU for NCP. Stop NPM and restart when practical.
Programmer Response: If the problem persists, see the Diagnostic Procedure Flowchart in NPM Diagnosis.

FNM110E ERROR PROCESSING EXEC MEMBER member_name, STATEMENT statement_number, error_cause
Explanation: An error was detected while processing an NPM EXEC. error_cause could be one of the following:
- MEMBER NOT FOUND
- I/O ERROR READING EXEC
- NO VALID COMMANDS FOUND
This message is written in the SYSPRINT data set and message FNM111E is issued for the command that invoked this EXEC.
System Action: NPM stops the EXEC processing without executing any commands.
Operator Response: Take the appropriate action indicated by error_cause:
- MEMBER NOT FOUND
  Verify that the EXEC exists in the named member of the FNMSCMDS data set.
- I/O ERROR READING EXEC
  Notify your system programmer.
- NO VALID COMMANDS FOUND
  Verify that the EXEC in the named member exists and is not empty. Also verify that the EXEC contains commands.
Programmer Response: If the error cause is I/O ERROR READING EXEC, examine the data set that contains the EXEC to determine the cause of the I/O error.

FNM111E EXECUTE PARSE FAILED, MEMBER=member_name
Explanation: The parsing of an NPM EXEC has failed because of a syntax error on one of the commands in the EXEC or because of one of the error causes in message FNM110E.
System Action: NPM does not process any of the commands in the EXEC.
Operator Response: Rerun the EXEC after the problems are corrected.
Programmer Response: Correct the problems that caused the parse failure using the error messages in the SYSPRINT data set. In the VM environment, ensure that the file containing the member has a fixed format.
FNM112E  EXECUTE PROCESSING TERMINATED,
MEMBER=member_name

Explanation: An NCP or EXECUTE command within the
named EXEC failed with a terminating error.

System Action: NPM processes the commands preceding the
command that failed in the EXEC. NPM does not process the
commands following the command that failed.

Operator Response: Rerun the EXEC after the problems are
corrected.

Programmer Response: Correct the problems using the error
messages in the SYSPRINT data set. The commands are also in
SYSPRINT if the EXECUTE command was entered with
PRINTMBR=YES.

FNM113W  EXECUTE COMPLETED WITH
[WARNINGS|ERRORS],
MEMBER=member_name

Explanation: All commands in the named EXEC completed
processing but at least one warning or error message was
detected.

System Action: NPM continues processing.

Operator Response: If necessary, rerun the EXEC after the
problem is corrected.

Programmer Response: Correct the problem using the warning or error messages in the SYSPRINT data set. The commands are also in SYSPRINT if the EXECUTE command was entered with PRINTMBR=YES.

FNM114I  EXECUTE COMPLETE,
MEMBER=member_name

Explanation: The named EXEC successfully completed
processing.

System Action: NPM continues processing.

Operator Response: None.

Programmer Response: None.

FNM115E  IUCV ERROR, R15=return_code,
IPRCODE=reason_code

Explanation: An IUCV error occurred when NPM made a
request to the NetView program-to-program interface running
under the VM operating system.

System Action: NPM ignores the request and continues
processing.

Operator Response: Notify your system programmer.

Programmer Response: Use the return_code and
reason_code in the message to determine the cause of the error
and correct it. See VM/ESA CP Programming Services for more information.

FNM120E  UNABLE TO LOAD NetView_module,
RC=return_code

Explanation: The system load routine could not load the
NetView program module that supports the NPM-to-NetView
interface.

The following list describes the possible return codes:

<table>
<thead>
<tr>
<th>Return Code</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>04</td>
<td>The NetView_module could not be located.</td>
</tr>
<tr>
<td>08</td>
<td>An I/O error was encountered loading NetView_module.</td>
</tr>
</tbody>
</table>

System Action: NPM continues initialization.

Operator Response: Notify your system programmer.

Programmer Response: Use return_code to determine the
cause of the error and proceed accordingly.

FNM121W  ALERT EXCEPTION DESTINATION NOT VALID, ALERT SUPPORT NOT ENABLED, DESTINATION SET TO NO

Explanation: ALERT was specified as one of the default
exception destinations in FNMINIT, but the performance alert
support of NPM has not been enabled.

System Action: The alert destination is set to NO.

Operator Response: None.

Programmer Response: If you require the ALERT exception
destination, enable NPM’s performance alert support. See NPM
Installation and Customization for instructions.

FNM122W  ALERT EXCEPTION DESTINATION NOT VALID, ALERT SUPPORT NOT ENABLED

Explanation: ALERT was specified as one of the exception
destinations for a MONITOR command, but the performance alert
support of NPM is not enabled.

System Action: NPM ignores the ALERT exception
destination.

Operator Response: Notify your system programmer.

Programmer Response: If you require the ALERT exception
destination, enable NPM’s performance alert support. See NPM
Installation and Customization for instructions.

FNM123E  ALERT EXCEPTION DESTINATION NOT VALID, ALERT SUPPORT NOT ENABLED

Explanation: ALERT was specified as the only exception
destination for a MONITOR command, but the performance alert
support of NPM is not enabled.

System Action: NPM does not execute the command.

Operator Response: Notify your system programmer.
**Programmer Response:** If you require the ALERT exception destination, enable NPM’s performance alert support. See NPM Installation and Customization for instructions.

---

**FNM124E** LANMGR OPTION={ADD|REPLACE} ISSUED, SP NAME NOT VALID

**Explanation:** A LANMGR command was issued that specified either OPTION=ADD or OPTION=REPLACE. The LAN Manager service point (SP) name specified on the command was not valid. This error is received when OPTION=ADD and one of the following conditions exists:

- You specified a unique LAN Manager SP name, but you specified the address of an existing LAN Manager.
- You specified a unique address, but you specified an existing LAN Manager SP name.

This error is received when OPTION=REPLACE and the following condition exists:

- You specified an SP name that matched the SP name of a LAN Manager that is different from the LAN Manager whose adapter address you specified.

**System Action:** NPM ignores the command.

**Operator Response:** Ensure that the names on the LANMGR command were entered correctly. Notify your system programmer.

**Programmer Response:** When OPTION=ADD, you must specify a unique address and a unique SP name for the LAN Manager you want to define. When OPTION=REPLACE, you must specify an address and an SP name that match an existing LAN Manager’s address and SP name.

---

**FNM125W** COLLECTION ALREADY command ON ONE OR MORE lan_resource_types

**Explanation:** A START command on all of the LAN resources defined to a LAN Manager is successful, but data collection for one or more of the bridges or segments has already been started by a previous command.

**System Action:** None.

**Operator Response:** None.

**Programmer Response:** None.

---

**FNM126W** NO lan_resource_types DEFINED TO LAN MANAGER lan_manager_name

**Explanation:** A START or STOP command was requested for collection on a LAN Manager that does not have any LAN bridges defined.

**System Action:** None.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Verify that lan_manager_name was specified correctly on the command. Define one or more bridges to the LAN Manager.

---

**FNM127W** UNABLE TO [DEFINE|REFRESH] BRIDGE bridge_name, LAN MANAGER lan_manager_name

**Explanation:** An error occurred during the addition or reconfiguration of bridge_name. If the error occurred during the processing of a LANMGR ADD command, DEFINE is included in the message. If the error occurred during the processing of a RECONFIG command, REFRESH is included in the message.

**System Action:** If the error occurred during a LANMGR ADD command, the bridge is not defined to NPM. If the error occurred during a RECONFIG command, the bridge detail configuration data is not refreshed.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Review the SYSPRINT data set for the reason NPM was unable to define or refresh the named bridge.

---

**FNM129E** NETVIEW COMMUNICATION FOR command_name FAILED, RC=return_code

**Explanation:** The specified command failed. The NetView program sends a return code for the program-to-program interface.

**System Action:** NPM does not collect LAN data.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Use the return code provided to determine the cause of the error. If the return code is 0000001A, the tasks FNMAUTO1, FNMDST or DSISVRT may not be active. Go to NetView to check and activate these tasks. The return code comes from bytes 8 through 11 of the request parameter buffer returned by the NetView program. See NetView Application Programming Guide for information about the program-to-program interface.

---

**FNM130E** support_type SUPPORT NOT ENABLED

**Explanation:** You requested one of the following types of support:

- LAN management
- NetWare resources data collection
- Performance alert

This support is not enabled because the NetView program-to-program interface module did not load successfully or ALERT=NO was specified on the NPM initialization statement.

**System Action:** NPM continues initialization but does not enable performance alert support.

**Operator Response:** Notify your system programmer.

**Programmer Response:** If you require performance alert support, verify that the NetView program-to-program interface module is successfully loaded and that ALERT=YES is specified on the NPM initialization statement. See NPM
**FNM131E**  
**LAN MANAGEMENT SUPPORT NOT ENABLED**

**Explanation:** LAN management support is not enabled because the NetView program-to-program interface module did not load successfully or LANCOLL=NO was specified on the NPM initialization statement.

**System Action:** NPM continues initialization but does not enable LAN management support.

**Operator Response:** Notify your system programmer.

**Programmer Response:** If you require LAN management support, verify that the NetView program-to-program interface module is successfully loaded and that LANCOLL=YES is specified on the NPM initialization statement. See NPM Installation and Customization for more information about installing LAN management support.

<table>
<thead>
<tr>
<th>Command No.</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>130</td>
<td>Query network (QNET) is sent as part of a reconfiguration request</td>
</tr>
<tr>
<td>132</td>
<td>Query network (QNET) is sent as part of a LAN Manager add or replace</td>
</tr>
<tr>
<td>134</td>
<td>Query bridge (QBRG) is sent as part of a reconfiguration request</td>
</tr>
<tr>
<td>136</td>
<td>Query bridge (QBRG) is sent as part of a LAN Manager add or replace</td>
</tr>
<tr>
<td>138</td>
<td>Query bridge (QBRG) is sent at the end of the bridge collection interval</td>
</tr>
<tr>
<td>140</td>
<td>Query segment utilization (QSEG) is sent as part of a reconfiguration request</td>
</tr>
<tr>
<td>142</td>
<td>Query segment utilization (QSEG) is sent as part of a LAN Manager add or replace</td>
</tr>
<tr>
<td>144</td>
<td>Query segment utilization (QSEG) is sent at the end of the interval.</td>
</tr>
</tbody>
</table>

**System Action:** NPM does not collect LAN data.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Use lan_service_point_name and command_number to determine the cause of the error and correct it.

---

**FNM132E**  
**LAN MANAGER COMMUNICATION FAILED, SP=lan_service_point_name, COMMAND=command_number.**

**Explanation:** An error occurred when NPM attempted to query the LAN Manager about LAN resources. lan_service_point_name identifies the LAN Manager. The following list defines the command_number:

<table>
<thead>
<tr>
<th>Command No.</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>130</td>
<td>Query network (QNET) is sent as part of a reconfiguration request</td>
</tr>
<tr>
<td>132</td>
<td>Query network (QNET) is sent as part of a LAN Manager add or replace</td>
</tr>
<tr>
<td>134</td>
<td>Query bridge (QBRG) is sent as part of a reconfiguration request</td>
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</tr>
</tbody>
</table>

**System Action:** NPM does not collect LAN data.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Use the message provided to determine the cause of the error and correct it. See LAN Network Manager User’s Guide for additional information.

---

**FNM133E**  
**NETVIEW COMMUNICATION FAILED, RC=return_code**

**Explanation:** Communication with the LAN Manager failed when the NetView program-to-program interface returned an error code.

**System Action:** NPM does not collect LAN data.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Use return_code to determine the cause of the error and correct it. See NetView Application Programming Guide for additional information about the NetView program-to-program interface.

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**FNM134E**  
**agent_type COMMUNICATION FAILED, TIMER EXPIRED, SP=agent_type_service_point_name, lan_resource_type=lan_resource_id**

**Explanation:** No response was received from the agent_type within the allocated time. If the RUNCMD command times out, the resource_id appears in this message. If a query segment (QSEG) command times out, the segment number appears.

**System Action:** NPM does not collect data_type data.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Check the NetView program for storage shortages. If storage shortages are occurring, restart the NPM program-to-program interface receiver command.
processor in the NetView program when the storage shortage is relieved. Also check the communication path between the NetView program and the agent_type.

**FNM137E**  
**NETVIEW AUTOTASK** autotask_name. NOT ACTIVE  
**Explanation:** The autotask specified by the AUTOTASK parameter on the LANMGR command did not start.  
**System Action:** NPM does not collect LAN data.  
**Operator Response:** Notify your system programmer.  
**Programmer Response:** Ensure that you have specified the proper autotask name and that the autotask is started.

**FNM138E**  
**UTILIZATION DATA UNAVAILABLE FOR SEGMENT** segment_number, **LAN MANAGER** lan_manager_sp_name  
**Explanation:** The specified LAN Manager indicated that the collection of segment utilization statistics is not supported for the specified segment.  
**System Action:** Segment utilization statistics are not collected. Collection for the specified segment is attempted through an alternate LAN Manager, if there is one.  
**Operator Response:** Notify your system programmer.  
**Programmer Response:** See NPM Installation and Customization for the requirements for collecting segment utilization statistics.

**FNM139E**  
**BRIDGE** bridge_name ALREADY EXISTS WITH KEY key_name  
**Explanation:** NPM tried to define a bridge that had the same bridge name as a bridge already defined to NPM, but with a different key name.  
**System Action:** NPM does not define the new bridge. NPM continues processing with the next bridge.  
**Operator Response:** Notify your system programmer.  
**Programmer Response:** Change the bridge_name of the new bridge. Issue the RECONFIG command to define the renamed bridge to NPM.

**FNM140E**  
**ENTER REQUIRED FIELD**  
**Explanation:** The current input field must be completed before NPM can begin processing data.  
**System Action:** NPM waits until the required information is entered.  
**Operator Response:** Type the required information or press the END key.  
**Programmer Response:** None.

**FNM141E**  
TIME FIELD IS INCORRECT AS ENTERED  
**Explanation:** The Time field is either not numeric or exceeds the allowable value. The first field cannot exceed 23 hours. The second field cannot exceed 59 minutes. The third field cannot exceed 59 seconds.  
**System Action:** NPM waits until the error is corrected.  
**Operator Response:** Correct the Time field or press the END key.  
**Programmer Response:** None.

**FNM142E**  
DATE FIELD IS INCORRECT AS ENTERED  
**Explanation:** The Date field is either not numeric or exceeds the allowable value.  
**System Action:** NPM waits until the error is corrected.  
**Operator Response:** Correct the Date field or press the END key.  
**Programmer Response:** None.

**FNM143E**  
NUMERIC FIELD IS INCORRECT AS ENTERED  
**Explanation:** The input field does not contain valid numeric characters or the period is misplaced.  
**System Action:** NPM waits until the error is corrected.  
**Operator Response:** Correct the input field or press the END key.  
**Programmer Response:** None.

**FNM144E**  
NUMERIC VALUE IS OUT OF RANGE  
**Explanation:** The numeric input field falls out of the range of values defined for the field.  
**System Action:** NPM waits until the error is corrected.  
**Operator Response:** Correct the input field or press the END key.  
**Programmer Response:** None.
FNM145E  NAME FIELD IS INCORRECT AS ENTERED

Explanation:  The input field is not a valid Name field. The Name field must start with an alphabetic character or with a national character (@, #, or $). The remaining characters can be alphabetic, national, or numeric.

System Action:  NPM waits until the error is corrected.

Operator Response:  Correct the input field or press the END key.

Programmer Response:  None.

FNM146E  DATE FIELD MUST BE ALL ZERO OR ALL NONZERO

Explanation:  A date has three fields: month, day, and year. If one field is zero, they all must be zero. Normally, blanks are not allowed in a date field, but a date consisting of all blanks is considered all zeros.

System Action:  NPM waits until the error is corrected.

Operator Response:  Correct the error or press the END key.

Programmer Response:  None.

FNM147E  TIME FIELD CANNOT EXCEED 24:00:00

Explanation:  The Time field specified a value greater than 24 hours.

System Action:  NPM waits until the error is corrected.

Operator Response:  Correct the Time field or press the END key.

Programmer Response:  None.

FNM148E  FIELD IS INCORRECT AS ENTERED

Explanation:  An unknown character string was entered for the Key field. The Key field accepts only specific character strings, such as YES or NO.

System Action:  NPM waits until the error is corrected.

Operator Response:  Correct the Key field or press the END key.

Programmer Response:  None.

FNM149E  FIELD MUST BE HEXADECIMAL

Explanation:  Data that is not valid was entered in a field that permits only hexadecimal data. Characters A through F and 0 through 9 are the only valid characters for this field.

System Action:  NPM waits until the error is corrected.

Operator Response:  Correct the input field or press the END key.

Programmer Response:  None.

FNM150I  agent_type COMMUNICATION REESTABLISHED

Explanation:  A response from a timed-out LNM has been received.

System Action:  NPM can process a request from this LNM.

Operator Response:  None.

Programmer Response:  None.

FNM151W  EMULATOR TYPE NOT SUPPORTED

Explanation:  User’s screen size is not supported. For panels accessed by FNM02RVM to see data for NCP and LAN bridge resources, only mode 2 emulator (25x80) is available.

System Action:  NPM rejects the request for access.

Operator Response:  The user has to log on using one of the NPM-supported logmodes in order to access the panel.

Programmer Response:  None.

FNM152I  RECONFIG COMMAND NOT ISSUED FOR SP=agent_type_service_point_name, BECAUSE OF A PREVIOUS PENDING REQUEST

Explanation:  No reconfig command is issued to agent_type because no response has been received for a previous request.

System Action:  NPM does not issue RECONFIG to agent_type

Operator Response:  Notify your system programmer.

Programmer Response:  Check in SYSPRINT to see whether message FNM136E has been issued with no FNM150I correlated. Investigate why LNM did not respond in time.

FNM153W  THERE IS A PENDING REQUEST FOR LNM

Explanation:  No request is sent to LNM, as no response has been received yet for a previous request.

System Action:  NPM does not send the request to LNM.

Operator Response:  Notify your system programmer.

Programmer Response:  Investigate for which reason the LNM appears to be isolated.

FNM170I  support_type SUPPORT ENABLED

Explanation:  You requested one of the following types of support:
- LAN management
- NetWare resources data collection
- Performance alert

The NetView program-to-program interface module is successfully loaded and the type of support you requested is enabled.
FNM171I  LAN MANAGEMENT SUPPORT ENABLED

Explanation: The NetView program-to-program interface module is successfully loaded and LAN management support is enabled.

System Action: NPM continues processing.
Operator Response: None.
Programmer Response: None.

FNM173E  ALERT CREATED BUT NOT SENT, RC=return_code

Explanation: A monitor alert was created, but was not forwarded to the NetView program because of one of the following reasons:

Return Code  Explanation
04   The NMVT was discarded by an installation-wide exit.
22   NPM is not executing in primary addressing mode.
24   The NetView program-to-program interface is not active.
26   The receiver program is not defined.
28   This NetView program does not support the user request.
32   No NetView program storage is available.
33   The buffer length is not valid.
35   The receiver buffer queue is full.
38   The number of connects allowed to the NetView program-to-program interface for the user is exceeded.
39   The number of connects to the NetView program-to-program interface is exceeded.
40   The sender-ID or receiver-ID is not valid.
90   A process error occurred.
95   A data transport error occurred (additional information contained in FNM115E).
120  The NMVT network services (NS) header is not valid.
124  The NMVT major vector key is not valid.
128  The NMVT major vector length is not valid.
132  The NMVT subvector length is not valid.

System Action: NPM discards the alert and continues processing.
Operator Response: Notify your system programmer.
Programmer Response: Use return_code to determine the cause of the error and proceed accordingly.

FNM180S  REQUEST FOR ddname REJECTED. reason

Explanation: A VSAM request for ddname was received but not processed. reason can be:
- FILE IS UNUSABLE–The required VSAM control blocks could not be constructed during initialization.
- FILE IS NOT OPEN–The file must be opened before processing.
- FILE HAS BEEN SHUTDOWN–An unexpected error occurred while processing. Access to the file is denied.

System Action: NPM rejects the request for access.
Operator Response: Use the Data File Management panel to reopen or reset the data set. If unsuccessful, notify your system programmer.
Programmer Response: Check for previous error messages about the file and proceed accordingly.

FNM181S  request_type REQUEST FOR ddname FAILED, KEY: key_value, RTNCD: return_code/feedback_code

Explanation: A VSAM request for the ddname file failed. The following list defines the message variables:

Message Variable  Description
request_type  The type of VSAM request.
ddname  The name of the file where the error occurred.
key_value  The name of the resource from the record when the error occurred. If unknown, the key value is ********. If the error is with the zero record, the key value is 00000000.
return_code  The VSAM return code.
feedback_code  The VSAM feedback code.

System Action: NPM stops processing and closes the data set.
Operator Response: Use the Data File Management panel to reopen or reset the data set. If unsuccessful, notify your system programmer.
Programmer Response: Check for previous error messages.
FNM184S  ZERO RECORD IS MISSING FROM ddname

Explanation: VSAM data sets must be initialized with a 256-byte binary zero record before NPM can access them properly. No zero record was on file.

This data set might not be an NPM VSAM data set.

System Action: NPM denies access to the data set.

Operator Response: Use the IDCAMS REPRO command to copy a zero record into the data set. You can also use the RESET command from the Data File Management panel to create a VSAM data set with a zero record.

Programmer Response: Verify that this is an NPM VSAM data set. If so, use the samples related to VSAM provided with NPM to format the data set with a zero record. See NPM Installation and Customization for more information.

FNM185S  ZERO RECORD THAT IS NOT VALID FOUND FOR ddname

Explanation: A zero record was found that was not valid in a VSAM data set that is not empty. Either NPM did not create the data set, the data set was created by an NPM release earlier than Version 1 Release 5, or the data set is corrupted.

System Action: NPM denies access to the data set.

Operator Response: If the data set is not wanted, use the RESET command from the Data File Management panel to empty it.

Programmer Response: Verify the format of the data set using NPM Reports and Record Formats. If the format is valid for NPM Version 1 Release 5 or a later release, the data set is corrupted. Handle it as you would other corrupted data sets. If the format is from NPM Version 1 Release 4, use a conversion program to create a VSAM data set that can be used by NPM Version 1 Release 5 or a later release. If the format is from NPM Version 1 Release 3 or an earlier release, or if the data set was created by another program, you cannot use it with NPM Version 1 Release 5 or a later release.

FNM186W  FILE ddname IS AN EMPTY DATA SET

Explanation: An error occurred while NPM processed a request to provide access to a VSAM data set. No records are available for processing because the data set is empty. The zero record is not counted as available for processing. This could happen also when a user attempts to do analysis on an empty data set.

System Action: NPM rejects the request for access.

Operator Response: Check the file status panels for a valid for analysis.

Programmer Response: Check for previous error messages about the file and proceed accordingly. See NetView Performance Monitor Diagnosis for more information about message symptoms.

FNM187S  VSAM function_name FAILED. RC= return_code

Explanation: function_name failed during VSAM initialization. Access to any VSAM data set by the online system is denied.

System Action: NPM does not create VSAM control blocks.

Operator Response: Notify your system programmer.

Programmer Response: See NPM Diagnosis and VSAM Administration: Macro Instruction Reference for VSAM return and feedback codes.

FNM188E  FILE ddname reason

Explanation: An error occurred while NPM processed a request to provide access to a VSAM data set. The reason can be:

- IS INOPERATIVE—A previous error that occurred while processing the data set prevents access to the data set.
- HAS BEEN LOCKED FROM ACCESS—The operator with NPM control authority used the LOCK function of the Data File Management panel to prevent access to the data set.
- IS NOT AVAILABLE FOR ACCESS—The data set could not be opened by VSAM. One possible reason is that not enough storage space was available.
- IS AN EMPTY DATA SET—No records are available for processing because the data set is empty. The zero record is not counted as available for processing.
- IS NOT AN NPM DATA SET—An NPM zero record indicated that the data set was not created by NPM or had been created by an earlier release of NPM.
- IS MISSING THE NPM ZERO RECORD—The NPM zero record is not readable.

System Action: NPM rejects the request for access.

Operator Response: Use the Data File Management panel to request to reopen or reset that data set. If you feel that the problem is due to insufficient storage, try to close some other VSAM files before requesting to reopen or reset that data set. If unsuccessful, notify your system programmer.

Programmer Response: Check for previous error messages about the file and proceed accordingly. See NPM Diagnosis for more information about message symptoms.

FNM189W  VSAM INITIALIZATION COMPLETED WITH ERRORS

Explanation: The initialization of NPM and VSAM control blocks could not be completed successfully.

System Action: NPM access to some VSAM data sets might not be available.

Operator Response: Use the Data File Management panel to request to reopen or reset the data set.
**Programmer Response:** Check for previous error messages about the file and proceed accordingly. See the Diagnostic Procedure Flowchart in *NPM Diagnosis*.

**Explanation:** You entered unacceptable threshold parameters on either the Network Gateway Accounting Modification panel or the Network Session Accounting Modification panel.

**System Action:** NPM does not process the command.

**Operator Response:** Correct the threshold values and reissue the command.

**Programmer Response:** None.

**FNM190E ACCOUNTING PDU THRESHOLD NOT LESS THAN OCTET THRESHOLD**

**Explanation:** The accounting collection was deferred because the NPALU was inactive or not bound.

**System Action:** NPM defers the collection until the NPALU is activated and bound so NPM can receive the accounting data.

**Operator Response:** Activate the NPALU if it is not already active and verify that it is bound.

**Programmer Response:** None.

**FNM191I ACCOUNTING COMMAND DEFERRED**

**Explanation:** The accounting collection started when NPM was not receiving accounting data.

**System Action:** The collection is deferred until this NPM receives accounting data.

**Operator Response:** Use the STATUS command to determine which NPM is receiving accounting data.

**Programmer Response:** None.

**FNM192W ACCOUNTING DATA NOT BEING RECEIVED BY THIS NPM**

**Explanation:** A physical I/O error occurred while reading a VSAM file.

**System Action:** NPM ends FNMLGPRT.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Determine the cause of the I/O error and proceed accordingly.

**FNM193E PHYSICAL ERROR READING VSAM**

**Explanation:** A physical error occurred while reading a VSAM file.

**System Action:** NPM ends FNMLGPRT.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Determine the cause of the I/O error and proceed accordingly.

**FNM194W LOGIC CODING ERROR**

**Explanation:** A logic error was encountered; probably an unexpected end-of-file (EOF).

**System Action:** NPM ends FNMLGPRT.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Verify the file status.

**FNM195E QSAM OPEN ERROR**

**Explanation:** An open error was encountered while processing files.

**System Action:** NPM ends FNMLGPRT.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Determine the cause of the open error and proceed accordingly.

**FNM196W PDU RANGES IN NON-ASCENDING ORDER**

**Explanation:** The protocol data unit (PDU) distribution values are not in ascending order on the Network Gateway Accounting Modification panel or the Network Session Accounting Modification panel.

**System Action:** NPM does not process the command.

**Operator Response:** Correct the PDU distributions.

**Programmer Response:** None.

**FNM197W NAME name_vector IS NOT VALID IN RU FROM NCP ncp_name**

**Explanation:** name_vector sent by ncp_name is in an unexpected format.

**System Action:** NPM uses a truncated version of name_vector in the accounting records.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Do a trace on the NPALU and examine the response unit (RU) in question to determine if it is an NPM or NCP problem. See *NPM Diagnosis* for more information.

**FNM198W LENGTH length_value IS NOT VALID IN RU FROM NCP ncp_name**

**Explanation:** The listed length value exceeds allowed values or causes the vector to overrun the buffer.

**System Action:** NPM does not process the vector containing the length that is not valid.

**Operator Response:** Notify your system programmer.

**Programmer Response:** See the Diagnostic Procedure Flowchart in *NPM Diagnosis* and proceed accordingly.
FNM200I FOR resource monitor_type OF value WAS [ABOVE|BELOW] LIMIT OF threshold_valueCriterion for addresses line_addresses for controller bus.

Explanation: A monitor exception occurred for resource. The following list defines the message variables:

Message Variable Description
resource The resource named in the network or LAN collection command.
monitor_type The type of data monitored for the resource.
value The value calculated for the monitor type from the data just received.
threshold_valueCriterion The threshold value set in the network or LAN collection command.
line_addresses The addresses of 3746-900 line processor. This variable is present only for monitors that are related to a 3746-900 line processor.

System Action: NPM displays this message on the operator terminal or the system console.

Operator Response: Follow your site procedures for monitor exception occurrences.

Programmer Response: None.

FNM202I FOR resource monitor_type OF value WAS [ABOVE|BELOW] LIMIT OF monitor_valueCriterion

Explanation: A monitor exception occurred for resource. The following list defines the message variables:

Message Variable Description
resource The resource named in the network or LAN collection command.
monitor_type The type of data monitored for the resource.
value The value calculated for the monitor type from the data just received.
monitor_valueCriterion The monitor limit set in the SESSCOLL or IPCOLL command.

System Action: NPM displays this message on the operator terminal or the system console.

Operator Response: Follow your site procedures for monitor exception occurrences.

Programmer Response: None.

FNM203I FOR resource monitor_type OF value NO LONGER [ABOVE|BELOW] LIMIT OF monitor_valueCriterion

Explanation: A monitor resolution occurred for resource. The following list defines the message variables:

Message Variable Description
resource The resource named in the session monitor or SNMP router monitor.
monitor_type The type of data monitored for the resource.
value The value calculated for the monitor type from the data just received.
monitor_valueCriterion The monitor limit set in the SESSCOLL or IPCOLL command.

System Action: NPM displays this message on the operator terminal or the system console.

Operator Response: Follow your site procedures for monitor resolution occurrences.

Programmer Response: None.
FNM204I FOR DSA destination_subarea, VR virtual_route, TP transmission_priority monitor_type OF value WAS [ABOVE|BELOW] LIMIT OF threshold_value

Explanation: A monitor exception occurred for the specified destination subarea, virtual route, and transmission priority. The following list defines the message variables:

Message Variable Description

destination_subarea The destination subarea number named in the command.
virtual_route The virtual route number named in the command.
transmission_priority The transmission priority number named in the command.
monitor_type The type of data monitored for the resource.
value The value calculated for the monitor type from the data just received.
transmission_priority The threshold value set in the command.

System Action: NPM displays this message on the operator terminal or the system console.

Operator Response: Follow your site procedures for monitor exception occurrences.

Programmer Response: None.

FNM205I FOR DSA destination_subarea, VR virtual_route, TP transmission_priority monitor_type OF value NO LONGER [ABOVE|BELOW] LIMIT OF threshold_value

Explanation: A monitor exception occurred for the specified destination subarea, virtual route, and transmission priority. The following list defines the message variables:

Message Variable Description

destination_subarea The destination subarea number named in the command.
virtual_route The virtual route number named in the command.
transmission_priority The transmission priority number named in the command.
monitor_type The type of data monitored for the resource.
value The value calculated for the monitor type from the data just received.
transmission_priority The threshold value set in the command.

System Action: NPM displays this message on the operator terminal or the system console.

Operator Response: Follow your site procedures for monitor exception occurrences.

Programmer Response: None.

FNM206I FOR resource {POOL TYPE=cisco_pool_type | IF INDEX=interface_index} monitor_type OF value WAS [ABOVE|BELOW] LIMIT OF monitor_value_criterion

Explanation: An IPCOLL monitor exception occurred for the resource POOL TYPE=cisco_pool_type or IF INDEX=interface_index. The following list defines the message variables:

Message Variable Description

resource The resource named in the SNMP router monitor command.
interface_index The interface index for which the SNMP router monitor was exceeded.
cisco_pool_type The Cisco pool type for which the SNMP router monitor was exceeded.
monitor_type The type of data monitored for the resource.
value The value calculated for the monitor type from the data just received.
monitor_value_criterion The monitor limit set in the SESSCOLL command.

System Action: NPM displays this message on the operator terminal or the system console.

Operator Response: Follow your site procedures for monitor exception occurrences.

Programmer Response: None.

FNM207I FOR resource {POOL TYPE=cisco_pool_type | IF INDEX=interface_index} monitor_type OF value NO LONGER [ABOVE|BELOW] LIMIT OF monitor_value_criterion

Explanation: An IPCOLL monitor resolution occurred for the resource POOL TYPE=cisco_pool_type or IF INDEX=interface_index. The following list defines the message variables:

Message Variable Description

resource The resource named in the SNMP router monitor command.
cisco_pool_type The Cisco pool type for which the SNMP router monitor was exceeded.
interface_index The interface index for which the SNMP router monitor was exceeded.
monitor_type  The type of data monitored for the resource.
value  The value calculated for the monitor type from the data just received.

monitor_value_criterion  The monitor limit set in the IPCOLL command.

System Action:  NPM displays this message on the operator terminal or the system console.
Operator Response:  Follow your site procedures for monitor exception occurrences.
Programmer Response:  None.

FNM219I  NO DATA FOR REQUEST
Explanation:  No performance data was found for the requested resources.
System Action:  NPM continues processing.
Operator Response:  None.
Programmer Response:  None.

FNM220I  TIME SPAN MUST BE DECREASED IN ORDER TO CALCULATE SUMMARY
Explanation:  The volume of network data collected is too high for NPM to calculate a summary for the specified time span.
System Action:  NPM continues processing.
Operator Response:  Specify a combination of start date and time, and stop date and time that represents a shorter time span.
Programmer Response:  None.

FNM226W  REQUIRED VECTOR vector_id MISSING IN RU FROM NCP ncp_name
Explanation:  vector_id is required to process data sent from ncp_name.
System Action:  NPM does not process the data in the request unit (RU).
Operator Response:  Notify your system programmer.
Programmer Response:  Do a trace on the NPALU and examine the RU in question to determine if it is an NPM or NCP problem. See NPM Diagnosis for more information.

FNM228W  DATA COLLECTION NOT ACTIVE FOR resource_id ON NCP ncp_name
Explanation:  Data collection was not started for the selected resource. The selected resource might be ineligible for network collection.
Message FNM088W is also received with a sense code of 0835XXXX because of collection for a network address that is not valid. See Chapter 4, Sense Code Problem Determination for more information.
NPM can generate these messages because of a dynamic device configuration being performed on the NCP without notifying NPM.
System Action:  NPM removes the network address from the collect RU and resends the start collection RU if it still contains more elements. Collection is not performed for this resource and processing continues.
Operator Response:  Notify your system programmer.
Programmer Response:  None.

FNM229W  UNKNOWN REQUEST CODE request_code FROM NCP ncp_name
Explanation:  NPALU sent an unidentified RU. The RU contains request_code that is not valid.
System Action:  NPM ignores the RU data and continues processing.
Operator Response:  Notify your system programmer.
Programmer Response:  See the Diagnostic Procedure Flowchart in NPM Diagnosis and proceed accordingly.

FNM231W  NETWORK ADDRESS network_address IS NOT VALID for NCP ncp_name
Explanation:  NPALU sent an response unit (RU) with a vector containing a network address that has no defined resource resolution table (RRT) for NCP.
System Action:  NPM does not process the vector containing the address that is not valid.
Operator Response:  Notify your system programmer.
Programmer Response:  See the Diagnostic Procedure Flowchart in NPM Diagnosis and proceed accordingly.
FNM232E MISMATCHED RESOURCE TYPE FOR resource_name FROM NCP=ncp_name

Explanation: Either a network extension option (NEO) application request unit (RU) for start network collection or a dynamic reconfiguration RU’s type of resource does not match the resource type in NPM’s collection point block.

System Action: NPM stops the collection for start RUs. If dynamic reconfiguration occurs, the system bypasses the request to add or free the network element address.

Operator Response: Notify your system programmer.

Programmer Response: Correct the NEO application from the ncp_name associated with the resource name. Consult the system programmer responsible for NCP generation.

FNM235T OPEN OF file_name UNSUCCESSFUL. NPM TERMINATED

Explanation: The file necessary for initialization could not be opened.

System Action: NPM ends initialization.

Operator Response: Notify your system programmer.

Programmer Response: Check the operating system and the SYSPRINT data set for related messages. Correct the error and reinitialize NPM.

FNM236T SHOWCB UNSUCCESSFUL. NPM TERMINATED

Explanation: NPM cannot generate VSAM or VTAM control blocks if SHOWCB fails.

System Action: NPM ends.

Operator Response: Notify your system programmer.

Programmer Response: See the Diagnostic Procedure Flowchart in NPM Diagnosis and proceed accordingly.

FNM238E VTAM vtam_function for application FAILED. ERROR FIELD SHOWS error_field

Explanation: The requested VTAM function failed. The NPM interface with VTAM could not be initialized. The following list describes some of the possible causes if vtam_function is OPEN ACB:

Error Field | Explanation
--- | ---
24 | The PASSWD parameter on the VTAM statement in FNMINIT does not match the PRTCT parameter on the VTAM application (APPL) statement.
50 | VTAM was not included as part of the operating system.
52 | The VTAM operator has issued a HALT command. Restart NPM when VTAM is active.
56 | The APPLID parameter specified on the VTAM statement in FNMINIT is defined to VTAM, but not as an APPL.
58 | An opened ACB has the same name as the APPLID parameter specified on the VTAM statement in FNMINIT. NPM might have started while it was already active.
5A | There is no active APPL entry in VTAM that matches the APPLID parameter specified on the VTAM statement in FNMINIT.
5C | VTAM is included as part of the operating system but is inactive.
70 | The ACB for NPM is in the process of being closed.

If error_field is not listed above, see the description of the OPEN macroinstruction in VTAM Programming for more information.

System Action: NPM ends for errors other than OPEN ACB. If vtam_function is OPEN ACB and the error_field is 50, 5A, or 5C, the system waits for VTAM to become active. Otherwise, NPM issues message FNM239A.

Operator Response: Notify your system programmer.

Programmer Response: Use error_field to determine the cause of the error. See VTAM Programming and proceed accordingly.

FNM239A REPLY 'TERM' OR 'RETRY' FOR application_id

Explanation: application_id could not be opened. Message FNM238E is issued with a specific error code returned by the VTAM OPEN function.

System Action: NPM waits for a reply to the outstanding WTOR.

Operator Response: Reply with the TERM command to end NPM or the RETRY command to retry opening the VTAM application. If the OPEN function fails after the second try, notify your system programmer.

Programmer Response: See VTAM Programming and proceed accordingly.

FNM240W SYNCH VALUE MUST BE LESS THAN INTERVAL VALUE. SYNCH VALUE SET TO 0

Explanation: Either the LAN bridge collection synchronization time is greater than or equal to the LAN bridge collection interval time or the LAN segment collection synchronization time is greater than or equal to the LAN segment collection interval time.

System Action: The synchronization time is set to 0 and initialization continues.
Operator Response: Notify your system programmer.

Programmer Response: Correct the synchronization or interval value so that the synchronization value is less than the interval value. If you update the initialization data set, you must restart NPM. However, you can update these values online using the LAN Bridge Control or LAN Segment Control panel.

FNM241E SYNCH VALUE MUST BE LESS THAN INTERVAL VALUE.

Explanation: Either the LAN bridge collection synchronization time is greater than or equal to the LAN bridge collection interval time or the LAN segment collection synchronization time is greater than or equal to the LAN segment collection interval time.

System Action: NPM waits until the error is corrected.

Operator Response: Correct the interval synchronization or the interval length so that the interval synchronization value is less than the interval length value.

Programmer Response: None.

FNM242E [START|STOP] COLLECTION REQUESTED FOR LAN MANAGER lan_manager_service_point_name NOT DEFINED TO NPM

Explanation: Collection was requested for bridges attached to a LAN Manager unknown to NPM. The lan_manager_service_point_name from the LBRGCOLL command is included in the message.

System Action: NPM does not process the command.

Operator Response: Check the spelling of the LAN Manager name. If correct, issue the LANMGR command to define the LAN Manager to NPM. If not, correct the spelling and reissue the command.

Programmer Response: None.

FNM243W START COMMAND IGNORED, COLLECTION ON LAN resource_type resource_name ALREADY REQUESTED

Explanation: Collection is requested on a resource type of SEGMENT, BRIDGE, or LAN MANAGER for which collection has already been requested.

System Action: NPM continues processing the previous request. This request is ignored.

Operator Response: Check the resource name. If the collection is on a bridge or a segment, the collection parameters can be altered online.

Programmer Response: None.

FNM244I UPDATED FIELDS ACCEPTED

Explanation: NPM accepted the new values entered in the panel fields.

System Action: NPM continues processing using updated values.

Operator Response: None.

Programmer Response: None.

FNM245E DUPLICATE BRIDGE NAMES EXIST. UPDATE REJECTED. EXISTING ID=bridge_key, REJECTED ID=bridge_key

Explanation: When NPM queried a bridge to collect data, the LAN Manager responded with a bridge that had a different key than the one requested. This indicates that two different bridges have the same bridge name. NPM requires unique bridge names.

System Action: NPM does not process the command.

Operator Response: Notify your system programmer.

Programmer Response: Correct the bridge definitions so the bridge names are unique.

FNM246W LANMGR OPTION=ADD RECEIVED FOR EXISTING LAN MANAGER lan_manager_name, SET TO OPTION=REPLACE

Explanation: A LANMGR command with OPTION=ADD was requested for a LAN Manager that is already defined to NPM.

System Action: NPM treats the command as if OPTION=REPLACE is specified. NPM starts a configuration refresh for the bridges and segments defined to the LAN Manager.

Operator Response: Check the lan_manager_name and OPTION requested.

Programmer Response: None.

FNM247E command_option SPECIFIED FOR A LAN MANAGER NOT DEFINED TO NPM, COMMAND IGNORED.

Explanation: A LANMGR command with OPTION=REPLACE or OPTION=DELETE was specified for a LAN Manager that is not defined to NPM.

System Action: NPM does not process the command.

Operator Response: Check the LAN Manager name and OPTION requested.

Programmer Response: None.
FNM248E UNABLE TO RETRIEVE data_type DATA, COMMAND=command_number,
RC=return_code, SENSE=sense_code

Explanation: NPM attempted to query the data_type about LAN resources. The following lists describe the possible command numbers and return codes:

<table>
<thead>
<tr>
<th>Command</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>130</td>
<td>Query network (QNET) is sent as part of a reconfiguration request.</td>
</tr>
<tr>
<td>132</td>
<td>Query network (QNET) is sent as part of a LAN Manager add or replace.</td>
</tr>
<tr>
<td>134</td>
<td>Query bridge (QBRG) is sent as part of a reconfiguration request.</td>
</tr>
<tr>
<td>136</td>
<td>Query bridge (QBRG) is sent as part of a LAN Manager add or replace.</td>
</tr>
<tr>
<td>138</td>
<td>Query bridge (QBRG) is sent at the end of the bridge collection interval.</td>
</tr>
<tr>
<td>140</td>
<td>Query segment utilization (QSEG) is sent as part of a reconfiguration request.</td>
</tr>
<tr>
<td>142</td>
<td>Query segment utilization (QSEG) is sent as part of a LAN Manager add or replace.</td>
</tr>
<tr>
<td>144</td>
<td>Query segment utilization (QSEG) is sent at the end of the interval.</td>
</tr>
<tr>
<td>145</td>
<td>A start collect (START) command was sent to the NPM NetWare Agent in order to start a collection on some NetWare counters.</td>
</tr>
<tr>
<td>146</td>
<td>NPM has received a response to the NetWare start collect command.</td>
</tr>
<tr>
<td>147</td>
<td>A stop collect (STOP) command was sent to the NPM NetWare Agent in order to stop a collection on some NetWare counters.</td>
</tr>
<tr>
<td>148</td>
<td>NPM has received a response to the NetWare stop collect command.</td>
</tr>
<tr>
<td>149</td>
<td>NPM has issued a command to load the NPM NetWare Agent.</td>
</tr>
<tr>
<td>150</td>
<td>NPM has received a response to the load NPM NetWare Agent command.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Return Code</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>Error completion</td>
</tr>
<tr>
<td>24,28</td>
<td>Error returned by LAN Manager</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sense Code</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>00000000</td>
<td>If RC=8, this sense code indicates that the NetView RUNCMD command failed and no explanatory message was received in response.</td>
</tr>
<tr>
<td></td>
<td>If RC=24, this sense code indicates that no bridges or segments were linked to the specified LAN Manager.</td>
</tr>
</tbody>
</table>

Note: In general, it is possible to encounter all the sense codes described in the SNA Formats manual.

System Action: NPM does not collect LAN resource data.

Operator Response: Notify your system programmer.

Programmer Response: Use the command_number, return_code, and sense_code provided to determine the cause of the error and proceed accordingly. The sense code is composed of a '00000' string and a three digit message number that is sent back from the LAN Network Manager. Refer to your LAN Network Manager messages documentation for information.

FNM249I A DYNAMIC RECONFIGURATION HAS DELETED ALL lan_resource_types. NO DATA TO DISPLAY

Explanation: Since the data was last displayed, another operator deleted all of the LAN Managers. NPM cannot display any LAN resources.

System Action: NPM does not display any data.

Operator Response: None.

Programmer Response: None.

FNM250E NO COLLECTION ACTIVE ON LAN resource_type resource_id command_name IGNORED

Explanation: A STOP, STOP ALL, or STOP DATA FORWARD collection was requested but no collection was active.

System Action: NPM does not process the command.

Operator Response: Verify that you selected the correct LAN resource.

Programmer Response: None.
FNM251W  LAN resource_type resource_name NOT DEFINED TO NPM, command_name COLLECTION COMMAND action_taken

Explanation: A STOP ALL, START, STOP, ALTER, or START DATA FORWARD command is issued for a LAN resource that is not defined to any LAN Manager known to NPM.

If the command is START or ALTER, the collection command is queued pending the definition of the resource to NPM. If the resource is defined to NPM during the next dynamic reconfiguration, the collection begins. Otherwise, the command is discarded.

STOP ALL, STOP, and START DATA FORWARDING commands are ignored.

System Action: NPM queues a START or ALTER command until the next dynamic reconfiguration occurs. If the resource is not defined to NPM during the next dynamic reconfiguration, or you issued a STOP ALL, STOP, or START DATA FORWARDING command, the command is ignored.

Operator Response: Check the spelling of resource_name. If the resource is a LAN Manager, issue the LANMGR command to define the LAN Manager to NPM. If the resource is a bridge or a segment, issue the RECONFIG command to make the resource known to NPM. If collection does not begin after the reconfiguration completes, notify your system programmer.

Programmer Response: None.

FNM255I PREVIOUSLY DISPLAYED lan_resource_type HAVE BEEN DELETED

Explanation: An attempt was made to scroll to a previously displayed LAN resource that has been deleted. The list of LAN resources is refreshed as it is scrolled. If another operator deletes a LAN Manager while you are viewing this data, the resources attached only to that LAN Manager are removed from the list, and you cannot scroll back to them.

System Action: NPM displays the list from the first entry.

Operator Response: From a LAN selection panel, you can do the following if either a RECONFIG or LANMGR DELETE command is issued by another operator while you are displaying a LAN selection panel:
- Press ENTER or scroll when all of the bridges or segments, currently displayed, are deleted.
- Type D or C on a bridge or segment, currently displayed, but actually deleted.

Programmer Response: None.

FNM257I RECONFIG ALREADY IN PROGRESS. NEXT RECONFIG WILL START WHEN CURRENT ONE COMPLETES

Explanation: A dynamic reconfiguration was already in progress when another dynamic reconfiguration was requested.

System Action: The command is deferred until the current reconfiguration is completed.

Operator Response: None.

Programmer Response: None.

FNM258I COLLECTION PARAMETERS HAVE CHANGED SINCE LAST DISPLAY OR COLLECTION ALREADY ACTIVE

Explanation: A collection on a resource is already active or the parameters displayed for the collection have changed during the time they have been displayed (another NPM operator may have changed the collection parameters while they were displayed on your screen).

System Action: Rejects the command.

Operator Response: If you are attempting to start collection and a collection is already active, then you should alter the existing collection or stop it and re-start it. If the collection parameters have changed since the last display of the parameters, then you need to refresh the display by issuing a refresh command or by exiting and re-entering the function.

Programmer Response: None.
FNM259W UPDATE FAILED

Explanation: Since the data was last displayed, another operator has changed one or more of the values.

System Action: NPM does not update the fields with the values entered.

Operator Response: If the new values entered by the other operator are not satisfactory, update the values again and press ENTER.

Programmer Response: None.

FNM260E I/O ERROR WHILE READING MEMBER member_name IN FILE ddname

Explanation: The request for data failed with an I/O error while attempting to read from the member in the ddname.

System Action: NPM stops the processing of the member. This message is followed by message FNM261S.

Operator Response: See message FNM261S for specific information about the error.

Programmer Response: None.

FNM261S I/O ERROR synad_message_text

Explanation: The message text created by the operating system's SYNAD routine is displayed. In MVS, this message might be issued when members of FNMSCMDS data set are written in extents that are not known to NPM.

System Action: NPM stops the processing. If this is an output file, NPM switches to the next data set.

Operator Response: See Data Administration: Macro Instruction Reference VSAM Administration: Macro Instruction Reference, or Group Control System Macro Reference for the format and content of the SYNAD message text.

Programmer Response: Verify that the data set is allocated correctly.

FNM262E 'option' OPTION IS NOT VALID FOR SEGMENT 'segment_number'

Explanation: The COLLECT or STOP option from an online panel, or the START or STOP option from an execute or console command was specified for a segment that was currently unavailable for collection. A segment can be unavailable for collection for the following reasons:

- The segment is a Token-Ring, but it does not have the required hardware to collect segment utilization statistics.
- The segment is a Token-Ring that has the required hardware but is not defined to NPM using LAN Network Manager 1.1.
- The query segment (QSEG) command that was issued to determine if a segment can report utilization statistics has failed.

System Action: NPM does not process the command.

Operator Response: Correct the segment name (only for the execute or console command), the specified option, or both.

Programmer Response: None.

FNM263I command_name COMMAND STARTED

Explanation: The named command starts processing.

System Action: The command continues processing.

Operator Response: None

Programmer Response: None.

FNM264E MEMBER member_name NOT FOUND IN FILE file_name

Explanation: member_name could not be found.

System Action: NPM returns control to the operator and places the cursor on the field in error.

Operator Response: Verify the spelling of member_name and that the file exists.

Programmer Response: None.

FNM266W COLLECTION ALREADY REQUESTED FOR ALL lan_resource_type KNOWN TO THE LAN MANAGER lan_manager_sp_name.

Explanation: You requested collection for all of the specified LAN resource types known to the LAN Manager. However, collection has already been requested for all resources of that type known to the LAN Manager.

System Action: The command is processed. If another resource of the specified type is added to the LAN Manager, collection is automatically requested according to the parameters of the collection command.

Operator Response: If you to alter the collections on all of the specified type resources known to the LAN Manager, stop the collection on all the specified resource types and then reissue the collection command.

Programmer Response: None.
FNM269I SESSION COLLECTION REQUEST
FOR ID=resource_name IS ACCEPTED
EVEN IF THE RESOURCE IS NOT
DEFINED TO VTAM.

Explanation: A session collection was started for a resource that is still not defined to VTAM. After the resource has been defined to VTAM, NPM starts collecting data for the resource.

System Action: The request is processed.

Operator Response: Verify that the resource name is correct.

Programmer Response: None.

FNM270E EXECUTE COMMAND FAILED,
MEMBER member_name
Explanation: The parsing of an NPM EXEC for a VTAM command has failed. The cause for the error is written to the SYSPRINT data set.

System Action: NPM does not process any command in the EXEC.

Operator Response: Correct all errors found in the message of the SYSPRINT data set causing the failure.

Programmer Response: None.

FNM271E vtam_command PARAMETER parameter NOT VALID
Explanation: An error was detected while processing an NPM EXEC for one of the following VTAM commands:
- VGBLCOLL
- VDEVCOLL
- VVRCOLL

The specified parameter caused the failure of the EXEC because it is not valid. The error is written to the SYSPRINT data set.

System Action: NPM does not process any command in the NPM EXEC.

Operator Response: Correct all errors causing the failure found in the SYSPRINT data set.

Programmer Response: None.

FNM272E VTAM STATISTICS COLLECTION NOT ENABLED
Explanation: VTAM statistics was not enabled for one or both of the following reasons:
- VTAMCOLL=NO was specified in FNMINIT.
- The task FNMVDC00 was not active.

System Action: None.

Operator Response: Correct the FNMINIT data set in order to have in the NPM statement both VTAMCOLL=YES and, if you have redefined the task statements, a task statement for FNMVDC00. Then, restart NPM.

Programmer Response: None.

FNM273E SESSION COLLECTION REQUEST
REJECTED BY VTAM–
vtam_message_number FOR
ID=resource_id
Explanation: The request to start or stop session collection was rejected by VTAM for the specified network resource. The resource name on the MODIFY command is not defined to VTAM or is not eligible for collection.

System Action: The SESSCOLL or STOP collection command fails.

Operator Response: Verify the spelling of the resource name. If the spelling is correct, notify your system programmer.

Programmer Response: Use vtam_message_number to identify the problem and proceed accordingly.

FNM274E command_name SESSCOLL COMMAND TERMINATED WITH ERRORS status
Explanation: The SESSCOLL or STOP collection command encountered an error and ended. The message specifies whether you can retry the command or if the error is unrecoverable.

System Action: NPM continues processing.

Operator Response: If the error is recoverable, reissue the command. See the NPM User’s Guide for more information.

Programmer Response: None.

FNM275E command_name COMMAND COMPLETED
Explanation: The named command was accepted and processed. For a VTAM command that is issued from an NPM 3270 panel, the replacement string, for example VTAM COLLECTION START, will appear instead of the actual command name, for example VAPLCOLL.

System Action: NPM continues processing.

Operator Response: None.

Programmer Response: None.

FNM276W DDR FUNCTION HAS BEEN DISABLED FOR resource1/resource2
Explanation: Session collection started with the session statistics parameter (SESSH=R) for resource1, and two session intervals have passed without a definite response from resource2. The message indicates that the SLU is not responding to definite response requests.

System Action: If resource2 is defined to NPM, NPM disables dynamic definite response (DDR) for resource2 by changing SESSH=R to SESSH=Y. If the response is sent by resource2 outside the two session intervals (this means that resource2 is DDR capable), then NPM resets back the SESSH flag and enables DDR for resource2. If resource2 is not defined to NPM, then resource1 is disabled by changing SESSH=R to SESSH=Y.
Operator Response: See NPM Concepts and Planning for restrictions on the use of DDR.

Programmer Response: None.

FNM277W  command_name COMMAND FAILED
Explanation: The named command failed completely. An attempt was made to enter an interval number for a resource or virtual route that is not identified to NPM or has not been started. Read the following messages for more information about the failure. For a VTAM command that is issued from an NPM 3270 panel, the replacement string, for example VTAM COLLECTION START, will appear instead of the actual command name, for example VAPLCOLL.

If NPM terminated and there were active NetWare collections and this message occurred during restart, checkpoint processing has taken place. See NPM Diagnosis for more information.

System Action: NPM does not process the command.

Operator Response: Based on the message information you have received, correct the condition and retry the command.

Programmer Response: None.

FNM278W  command_name COMMAND COMPLETED WITH ERRORS
Explanation: The named command completed, but errors were encountered. All required operations might not have completed. Subsequent messages identify the errors.

System Action: NPM continues processing.

Operator Response: Check the preceding and succeeding messages. If no errors are displayed, see the SYSPRINT log for syntax errors.

Programmer Response: None.

FNM279W  SOME SESSION DATA LOST DUE TO INSUFFICIENT BUFFERS (SESSNO)
Explanation: NPM was unable to process a session PIU as there were no free session buffers. Data from this PIU is lost. This message is issued once only, on the first occurrence.

System Action: NPM continues processing.

Operator Response: Stop all unnecessary session collections, to avoid losing data from more important session collections.

Programmer Response: Increase the value of SESSNO on the NPM START procedure/exec, or in the BUFFERS statement of FNMINIT. Monitor NPM’s buffer usage from panel FNM02OPC for precise tuning.

FNM280I  ERRORS ENCOUNTERED IN GROUP MEMBER, SEE SYSPRINT LOG FOR DETAILS
Explanation: The SYSPRINT log contains information about the specific errors causing this message.

System Action: NPM does not process the individual statements containing the errors in the group member.

Operator Response: Notify your system programmer.

Programmer Response: Correct the errors in the group member statements listed in the SYSPRINT log.

FNM281W  SOME SESSION DATA LOST DUE TO INSUFFICIENT BUFFERS (BUFFNO)
Explanation: NPM was unable to process a session PIU as there were no free buffers. Data from this PIU is lost. This message is issued once only, on the first occurrence.

System Action: NPM continues processing.

Operator Response: Stop all unnecessary session collections, to avoid losing data from more important session collections.

Programmer Response: Increase the value of BUFFNO on the NPM START procedure/exec, or in the BUFFERS statement of FNMINIT. Monitor NPM’s buffer usage from panel FNM02OPC for precise tuning.

FNM284I  PARAMETERS FROM MEMBER member_name IN FILE ddname
Explanation: Before each member is read for processing during initialization, this message is displayed to identify the source of the parameters.

System Action: NPM continues processing.

Operator Response: None.

Programmer Response: None.

FNM285E  ERROR PROCESSING GROUP group_name, STATEMENT statement_number, error_description member_name
Explanation: An error exists in a group definition. The following list defines the variables:

Message Variable Description

- group_name: The name of the group where the error was found
- statement_number: The line number in the group definition where the error occurred
- member_name: The name of the member in the group
- error_description: The following list describes the possible error descriptions:
GROUP MEMBER NOT FOUND
An group partitioned data set (PDS) member or the VM file was not found.

I/O ERROR READING DATA
An I/O error occurred when NPM tried to read the PDS or VM file.

SYNTAX ERROR IN STATEMENT
A syntax error was found in the statement. Check the GROUP command syntax.

NO RESOURCE DEFINED IN GROUP
A group must contain at least one resource member.

NO LUS DEFINED IN GROUP
An LU group did not contain at least one LU member.

DUPLICATE LU DEFINED IN GROUP
The same LU was defined more than once in the LU group.

RESOURCE IS NOT AN LU
The LU member name listed is not defined to NPM as an LU, or the LU group name is the same as an LU member name.

LU IS NOT DEFINED IN NODE
The data collection request for an LU group also specified a node name. Delete the node name.

System Action: NPM does not process the entire group if the group contains even one invalid name.

Operator Response: Notify your system programmer.

Programmer Response: Check the LU group definition. Correct the error described by the message.

FNM286E ERROR PROCESSING SMFCNTL LIST MEMBER member name. STATEMENT statement_name. error_cause.

Explanation: A syntax error was detected while processing a SMFCNTL list member. The error_cause could be one of the following:
- SMFCNTL LIST MEMBER NOT FOUND
- I/O ERROR READING DATA
- I/O ERROR READING DATA - SYNTAX ERROR
- NO VALID SMFTYP IN MEMBER LIST.

System Action: NPM does not update the SMF control table with the information in the SMFCNTL list member.

Operator Response: Notify your system programmer.

Programmer Response: Correct the statement in error. See NPM Installation and Customization for the SMFCNTL list member description and proceed accordingly.

FNM287W SMF CONTROL IS NOT ACTIVE
Explanation: An SMFCNTL statement is in the initialization deck. However, CONTROL SMF=NO is also specified.

System Action: NPM does not process the SMFCNTL LIST member.

Operator Response: Notify your system programmer.

Programmer Response: Remove the SMFCNTL statement or set CONTROL SMF=YES.

FNM288W SMFCNTL IS NOT SUPPORTED BY THIS NPM
Explanation: The SMFCNTL command is not valid for this NPM. Either SMF=NO was specified or defaulted for the CONTROL initialization statement in the FNMINIT data set, or the operating system does not support SMF.

System Action: NPM does not process the command.

Operator Response: Notify your system programmer.

Programmer Response: For MVS, set SMF=YES on the CONTROL initialization statement in the FNMINIT data set to enable the SMFCNTL command, or delete the SMFCNTL command. For VM, delete the SMFCNTL command.

FNM289I command_name COMMAND DEFERRED UNTIL REQUESTED TIME
Explanation: The requested start time is later than the current time.

System Action: NPM queues the request for processing to the requested start time.

Operator Response: Verify the requested start time.

Programmer Response: None.

FNM290E COMMAND FAILED: INSUFFICIENT STORAGE
Explanation: There is not enough storage to build the response to the command.

System Action: NPM does not process the command.

Operator Response: If the command was a request for VSAM stored data, narrow the number of records included in the response by changing the Time and Date fields and retry the command. If the command was a request for a list of collections, try to issue it again at a later time.

Programmer Response: For VM users, you can stop NPM and increase the virtual machine storage.
FNM292I RTM DATA COLLECTION IS status

**Explanation:** Either response time monitor (RTM) data collection was started or stopped, or RTM data collection status was requested. RTM data collection is not available on VM. NPM displays either message NOT SUPPORTED ON THIS HOST or message UNAVAILABLE ON VM when an attempt is made to start RTM data collection on VM. The RTM data collection status can be one of the following:

- ENABLED
- DISABLED
- ACTIVE
- INACTIVE
- UNAVAILABLE ON VM
- NOT SUPPORTED ON THIS HOST

**System Action:** NPM continues processing.

**Operator Response:** None.

**Programmer Response:** None.

FNM295E NO RESOURCES SPECIFIED FOR COLLECTION

**Explanation:** The command did not specify a resource, the specified resources are not defined to NPM, or no collection is active.

**System Action:** NPM does not process the command.

**Operator Response:** Ensure that the specified command included at least one resource name and that the name was spelled correctly. Notify your system programmer.

**Programmer Response:** Verify that the NCPs have been defined to NPM and check the resource names against NCP definitions. If the command is a network command, verify that the resources are eligible for network data collection.

FNM296W BRIDGE AND LANMGRNM KEYWORDS ARE MUTUALLY EXCLUSIVE. THE LAN MANAGER NAME IS IGNORED.

**Explanation:** On the LBRGCOLL command, if you code both the BRIDGE and LANMGRNM keywords, the LAN Manager name is ignored.

**System Action:** NPM processing continues as if the LAN Manager name had not been specified.

**Operator Response:** If you want to collect data on all of the bridges known to the specified LAN Manager, remove the BRIDGE keyword and reissue the command.

**Programmer Response:** None.

FNM297E SEGMENT AND LANMGRNM KEYWORDS ARE MUTUALLY EXCLUSIVE.

**Explanation:** On the LSEGCOLL command, if you code both the SEGMENT and LANMGRNM keywords, the command fails.

**System Action:** NPM does not process the command. The command fails.

**Operator Response:** If you want to collect data on a segment or list of segments, remove the LANMGRNM keyword and reissue the command. If you want to collect data on all of the segments known to a LAN Manager, remove the SEGMENT keyword and reissue the command.

**Programmer Response:** None.

FNM298E TERMINATION OF VTAM BUFFER TRACE FAILED

**Explanation:** While NPM was ending, the MODIFY command was issued to VTAM to stop the buffer trace for the network resource on which session collection was still occurring. The command failed.

**System Action:** NPM discontinues further stop trace commands for the subarea.

**Operator Response:** Determine what resources are being traced and end the trace from the operator console by using the VTAM MODIFY command.

**Programmer Response:** None.

FNM299I BUFFER TRACE MAY STILL BE ACTIVE FOR SOME RESOURCES

**Explanation:** While NPM was ending, the VTAM buffer trace command to end tracing failed. Further stop trace commands could not be issued for the resources on which NPM might have been collecting. This message always follows message FNM298E.

**System Action:** NPM continues ending normally.

**Operator Response:** Determine what resources are being traced and end the trace from the operator console by using the VTAM MODIFY command.

**Programmer Response:** None.

FNM305T module_name NOT LOADED, RC=return_code

**Explanation:** NPM cannot load the VTAM module or NPM intercept module. The following list describes the possible return codes:

<table>
<thead>
<tr>
<th>Return Code</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>04</td>
<td>The module was not found by system load routine</td>
</tr>
</tbody>
</table>
The system load routine encountered an I/O error

12

The module was not found in MVS SYS1.LPALIB or VM as a shared segment

16

The module was not loaded into the common storage area (CSA)

20

The page fix for the module failed

24

The load module is not valid or the NPM load library is not concatenated with the VTAMLIB in the VTAM startup procedure.

28

RMODE=31 is not supported for this module

System Action: NPM ends.
Operator Response: Notify your system programmer.
Programmer Response: Check the link-edit of the NPM intercept module to verify that each module is at the correct level and accessible to VTAM.

FNM306T VTAM NOT ACTIVE OR HALTING
Explanation: VTAM is not currently available.
System Action: NPM ends.
Operator Response: Restart NPM when VTAM is available.
Programmer Response: None.

FNM307W NPM INITIALIZATION WAITING ON VTAM ACTIVATION
Explanation: VTAM is not active.
System Action: NPM issues this message and waits 30 seconds before retrying. NPM repeats the procedure until VTAM is active.
Operator Response: Verify that VTAM has been started.
Note: A CANCEL command is required to end NPM. The STOP command cannot end NPM at this time.
Programmer Response: None.

FNM312T VTAM ENDED OR IN HALTING STATUS. NPM TERMINATED
Explanation: During NPM execution, VTAM ended or was halted.
System Action: NPM ends.
Operator Response: Restart NPM when VTAM is available.
Programmer Response: None.

FNM313T ESTAE ROUTINE ENTERED. INTERCEPT ADDRESS SWITCH SUCCESSFUL/UNSUCCESSFUL
Explanation: NPM ended abnormally. The FNMPVLOG ESTAE routine attempted to replace the VTAM intercepts.
System Action: NPM continues ending.
Operator Response: Notify your system programmer.
Programmer Response: See related messages.

FNM316W SESSION COLLECTION DISABLED. AUTH=CNM OMITTED FROM VTAM APL DEFINITION
Explanation: Session collection is disabled.
System Action: NPM continues without collecting session statistics.
Operator Response: Notify your system programmer.
Programmer Response: Add AUTH=CNM to the NPM’s VTAM APL definition and restart NPM.

FNM320I program_name ENDED, RC=return_code
Explanation: program_name completed normally with a return code in register 15 for each listed task.
This message is part of a sequence of messages issued when NPM ends or when you are running FNMCNLUP.
FNMCNLUP issues a return code after it runs. The following list describes the possible return codes for FNMCNLUP:

Return Code Meaning
00 All storage was freed. FNMCNLUP completed normally, freeing all NPM CSA storage.
04 Error in FREEMAIN or PAGE FREE. FNMCNLUP was not able to free some CSA storage.
08 The monitor address table and NPM anchor control block are not defined. No storage was freed. This condition can occur if FNMCNLUP is run twice.
12 NPM is still active. No storage is freed.
16 The communications vector table (CVT) does not point to the monitor address table. There is an error in the definition of the NPM control blocks. No storage is freed.
20 FNMCNLUP is not authorized. FNMCNLUP must be link-edited in an APF-authorized library to release the CSA control blocks.

System Action: NPM ends.
Operator Response: None.
Programmer Response: None.

FNM322T  program_name FAILED TO ATTACH
Explanation: The program_name startup by the ATTACH system service failed.
System Action: NPM ends.
Operator Response: Notify your system programmer.
Programmer Response: See the ATTACH return code in message FNM320I and proceed accordingly.

FNM324I  NPM IS WAITING FOR DDR TO QUIESCE
Explanation: NPM ended normally while a dynamic definite response (DDR) was enabled for an application with a parameter for response, RSP=YES. NPM must ensure there are no outstanding DDVs when it ends.
System Action: NPM delays ending for two minutes to receive outstanding DDVs. NPM then ends.
Operator Response: Wait for NPM to end normally.
Programmer Response: None.

FNM325T  program_name ENTERED ESTAE, CODE=abend_code
Explanation: program_name abended and ESTAE was entered.
System Action: NPM calls the appropriate ESTAE routines (if any) and frees common storage area (CSA). NPM continues with an abnormal end.
Operator Response: Notify your system programmer.
Programmer Response: Determine the cause of the program abnormal end based on abend_code. See Chapter 3, Abend Code.

FNM327W  SMF IS NOT RECORDING FOR record_name, RC=return_code
Explanation: SMF is not recording for record_name. return_code is from the SMFRTEST macro.
System Action: NPM continues processing.
Operator Response: Notify your system programmer.
Programmer Response: Check the SMF parameter in SYS1.PARMLIB for the record types that a started-task (STC) subsystem can write. Record types 28 and 39 should be included.

FNM328A  NPM (job_name) IS ALREADY ACTIVE, ENTER R FOR RETRY, T TO TERMINATE, OR N TO CONTINUE WITH HOSTCOLL=NO
Explanation: An attempt is made to start a second copy of NPM with HOSTCOLL=YES while the first copy is either currently executing with HOSTCOLL=YES, or currently executing with HOSTCOLL=YES but in the process of ending.
More than one copy of NPM can be run at a time in the host, but only one copy can have HOSTCOLL=YES specified. The second copy must wait until the first copy ends, or the second copy can be started with HOSTCOLL=NO. If HOSTCOLL=NO, NPM does not perform session data collection or RTM data collection. Real time graphics and SMF control are also disabled.
For MVS: job_name is the name of the NPM job that has HOSTCOLL=YES.
For VM: job_name is the group control system (GCS) operator ID that has HOSTCOLL=YES.
System Action: NPM waits for the system console operator to reply to the outstanding message.
If the reply is R, the system attempts to start the second copy of NPM again.
If the reply is T, the system ends the second copy’s session.
If the reply is N, the system sets HOSTCOLL=NO and the second copy’s session continues.
Operator Response: Reply to the system console message with one of the following responses:
- R to retry
- T to end this NPM
- N to continue with HOSTCOLL=NO
Programmer Response: If multiple copies of NPM are running in the same host, change the NPM initialization statement to specify HOSTCOLL=NO on all but one copy of NPM.
For MVS: If NPM was ended using the MVS FORCE command the last time it was executing, then NPM cannot clean up its control blocks. Run the procedure FNMCLNPJ. See NPM Installation and Customization for more information.

FNM329T  FNMAIN IS NOT AUTHORIZED
Explanation: NPM is not authorized to operate under MVS. NPM requires FNMAIN to be APF-authorized and execute in VTAM’s key 6.
System Action: NPM ends.
Operator Response: Notify your system programmer.
Programmer Response: Check the authorization of the other libraries. Provide the correct authorized environment through the primary-program operator interface task (PPT).
FNM330T CONTROL BLOCK STRUCTURE IS NOT VALID

Explanation: The control block pointed to from the communication vector table (CVT) is not correct. The control block has been modified inadvertently or another version of NPM has been executed.

System Action: NPM ends.

Operator Response: Notify your system programmer.

Programmer Response: Follow the appropriate course of action:
- Use the correct version of NPM.
- For MVS: If another version of NPM has been used or the previous NPM ended abnormally (for example, because of an abend or an MVS CANCEL command) run the procedure FNMCLNPJ before starting a different version of NPM. See NPM Installation and Customization for more information.

FNM332W NO ACTIVE NPALU FOUND ON NCP ncp_name

Explanation: The network or accounting command sequence was issued when neither the primary nor the backup NPALU for NCP was active.

System Action: NPM holds the command until the primary or backup session is established.

Operator Response: Use the NPM control function to bind one of the NPALUs.

Programmer Response: None.

FNM333W HOST COLLECTION INACTIVE, RC=return_code

Explanation: NPM cannot collect data from the host. The following list describes the possible return codes:

Return Code Explanation
08 NPM is not authorized. See message FNM329T.
12 NPM is not executing in key 6. See message FNM329T.
16 NPM is already active or a version of NPM is already active on this operating system with HOSTCOLL=YES. See message FNM328W.
32 The Session Data table (SDT) is already defined. The last execution of NPM did not clean up one of the common storage area (CSA) control blocks.
36 Session control blocks (SCBs) are already defined. The last execution of NPM did not clean up one of the CSA control blocks.

40 VTAM has ended or is halting. See message FNM312T.

System Action: NPM resets initialization parameters to disable NPM functions that require HOSTCOLL=YES. These include session collection and RTM.

Operator Response: Notify your system programmer.

Programmer Response: For return codes 08, 12, 16, and 40, see the referenced messages. For return codes 32 and 36, verify that no other version of NPM is currently running. If none are running, run FNMCLNUP.

FNM334E RESOURCE resource_name DUPLICATED IN SESSION CONTROL BLOCKS

Explanation: resource_name is already defined to NPM.

System Action: NPM rejects the request.

Operator Response: Check the resource name with your system programmer.

Programmer Response: If the same resource name is used in more than one NCP, use the SNI parameter of the NCP command to define a separate symbol table for the NCP.

FNM339W SNMPACCT FUNCTION INACTIVE, RC=return_code

Explanation: NPM cannot collect data for routers. The following return codes explain the reason:

Return Code Explanation
08 The minimum Operating System level must be an OS/390 V2R5.
12 NPM is not authorized. See message FNM329T.

System Action: NPM continues processing.

Operator Response: Notify your system programmer.

Programmer Response: If SNMPACCT function is required, restart NPM on a correct Operating System. See NPM Installation and Customization for more information about the SNMPACCT parameter.

FNM340W TELNET FUNCTION INACTIVE, RC=return_code

Explanation: NPM cannot collect data from the host specifying an IP address. The following list describes the possible return codes:

Return Code Explanation
04 HOSTCOLL=NO was specified.
06 VTAMCOLL=NO was specified.
08 The minimum Operating System level must be OS/390 V2R5.

System Action: NPM continues processing.
NPM Messages and Codes

FNM341E • FNM346E

1. NPM Host Messages

Operator Response: Notify your system programmer.

Programmer Response: If TELNET function is required, restart NPM with the correct initialization parameters and/or on a correct Operating System. See NPM Installation and Customization for more information about the TELNET parameter.

FNM341E ATTACH OF FNMSNM00 TASK FAILED

Explanation: The primary task of NPM-SNMP function has failed.

System Action: NPM continues processing. It will try to reattach FNMSNM00.

Operator Response: If the problem persists, notify your system programmer.

Programmer Response: Restart NPM specifying TCPIPT parameter to YES and TCPIPO parameter to SYSPRINT (or SYSLOG) in PDET member. Look at messages and records to determine the cause of error. If the error persists, contact Customer Support.

FNM342E ATTACH OF FNMTLN00 TASK FAILED

Explanation: The primary task of NPM-TELNET function has failed.

System Action: NPM continues processing. It will try to reattach FNMTLN00.

Operator Response: If the problem persists, notify your system programmer.

Programmer Response: Restart NPM specifying TELNET trace options TCPIPT parameter to YES and TELNEPT parameter to SYSPRINT (or SYSLOG) in PDET member. Look at messages and records to determine the cause of error. If the error persists, contact Customer Support.

FNM343E FNMSNM06 FAILED INITIALIZATION

Explanation: NPM was unsuccessful in attempting to attach and initialize the NPM SNMP component subtask FNMSNM06. Enable an FNMSNM06 trace by setting the PDET TCPIPT parameter to 7, ensure that an FNMSNM06 DD exists in the JCL used to start NPM, and restart NPM to collect trace information that should be forwarded to Customer Support.

System Action: NPM continues processing without SNMP support.

User Response: Notify your system programmer.

Programmer Response: Enable the FNMSNM06 trace and restart NPM to determine why FNMSNM06 failed to initialize. Contact Customer Support, if the trace information is insufficient.

FNM344W DUB CALL FAILED

Explanation: An attempt by NPM to call the OpenEdition service BPX1MSS has failed. NPM prior to attaching a POSIX, enabled subtask calls the BPX1MSS service to dub any POSIX subtasks that are attached as processes. This enables each subtask to handle its own signal handling. Failure to successfully issue the BPX1MSS DUB process call can result in the failure to attach either of the three POSIX subtasks (FNMTLN00, FNMSNM00, FNMSNM06), within NPM.

System Action: NPM continues processing, however the NPM subtasks FNMTLN00, FNMSNM00, and FNMSNM06 may not complete successfully their initialization or recovery from an abend.

User Response: Notify your system programmer.

Programmer Response: Examine the trace information that is collected to determine why the BPX1MSS service call failed. OpenEdition will write error messages to the SYSPUT data set. Examine the return and reason codes in these messages.

FNM345E FNMTLN00 FAILED INITIALIZATION

Explanation: NPM was unsuccessful in attempting to attach and initialize the NPM telnet component subtask FNMTLN00. Enable an FNMTLN00 trace by setting the PDET TCPIPT parameter to 2, ensure that an FNMTLN00 DD exists in the JCL used to start NPM, and restart NPM to collect trace information that should be forwarded to Customer Support.

System Action: NPM continues processing without Telnet IP to LU mapping support.

User Response: Notify your system programmer.

Programmer Response: Enable the FNMTLN00 trace and restart NPM to determine why FNMTLN00 failed to initialize. Contact Customer Support, if the trace information is insufficient.

FNM346E FNMSNM00 FAILED INITIALIZATION

Explanation: NPM was unsuccessful in attempting to attach and initialize the NPM SNMP component subtask FNMSNM00. Enable an FNMSNM00 trace by setting the PDET TCPIPT parameter to 7, ensure that an FNMSNM00 DD exists in the JCL used to start NPM, and restart NPM to collect trace information that should be forwarded to Customer Support.

System Action: NPM continues processing without SNMP support.

User Response: Notify your system programmer.

Programmer Response: Enable the FNMSNM00 trace and restart NPM to determine why FNMSNM00 failed to initialize. Contact Customer Support, if the trace information is insufficient.
FNM347E  FNMSNM06 FAILED INITIALIZATION

Explanation: NPM was unsuccessful in attempting to attach and initialize the NPM SNMP component subtask FNMSNM06. Enable an FNMSNM06 trace by setting the PDET TCPIPT parameter to 7, ensure that an FNMSNM00 DD exists in the JCL used to start NPM, and restart NPM to collect trace information that should be forwarded to Customer Support.

System Action: NPM continues processing without the IP to LU mapping support.

User Response: Notify your system programmer.

Programmer Response: Enable the FNMSNM06 trace and restart NPM to determine why FNMSNM06 failed to initialize. Contact Customer Support, if the trace information is insufficient.

FNM350E  PARM FLAGGED WITH * IS NOT VALID

Explanation: The indicated entry is not a valid selection parameter.

System Action: NPM does not process the archived file.

Operator Response: Notify your system programmer.

Programmer Response: See NPM Installation and Customization for additional information about archiving files.

FNM351E  THE ABOVE LINE CONTAINS A PARM WITHOUT A COMMA

Explanation: No comma was found for this parameter in the preceding line.

System Action: NPM does not process the archived file.

Operator Response: Notify your system programmer.

Programmer Response: Check the entry for missing commas.

FNM352E  THE ABOVE LINE CONTAINS NO PARM VALUES

Explanation: No values were found for parameters in the preceding line.

System Action: NPM does not process the archived file.

Operator Response: Notify your system programmer.

Programmer Response: Check the entry for missing parameter values.

FNM353E  VALUE LENGTH EXCEEDS LIMIT FOR THIS PARM

Explanation: The number of characters found for the parameter value exceeds the allowable limit.

System Action: NPM does not process the archived file.

Operator Response: Notify your system programmer.

Programmer Response: See NPM Installation and Customization for additional information about archiving files.

FNM354E  VIRTUAL ROUTE VALUE GREATER THAN SEVEN

Explanation: The value specified for the virtual route (VR) exceeds the allowable limits. Valid entries are 0 through 7.

System Action: NPM does not process the archived file.

Operator Response: Notify your system programmer.

Programmer Response: Correct the VR value and resubmit.

FNM355E  TRANSMISSION PRIORITY GREATER THAN TWO

Explanation: The value specified for the transmission priority (TP) exceeds the allowable limits. Valid entries are 0, 1, and 2.

System Action: NPM does not process the archived file.

Operator Response: Notify your system programmer.

Programmer Response: Correct the TP value and resubmit.

FNM356E  CORRECT ERRORS IN ENTRIES AND RESUBMIT

Explanation: Errors were found during the processing of the selection control statements.

System Action: NPM does not process the archived file.

Operator Response: Notify your system programmer.

Programmer Response: Correct the errors indicated in the SYSPRINT data set and resubmit.

FNM357E  selection_restrictor CANNOT BE SPECIFIED WITH PRIMARY PARM parameter

Explanation: The specified parameter cannot be used as a primary selector parameter for restricting the records to include in the active file.

System Action: NPM does not process the archived file.

Operator Response: Notify your system programmer.

Programmer Response: See NPM Installation and Customization for additional information about archiving files.
FNM358E  

**keyword MUST NOT BE SPECIFIED AS A PRIMARY PARAMETER**

**Explanation:** *keyword* is not a valid primary selector.

**System Action:** NPM does not process the archived file.

**Operator Response:** Notify your system programmer.

**Programmer Response:** See *NPM Installation and Customization* for additional information about archiving files.

---

FNM359W  

**BLOCK SIZE SPECIFIED IS NOT VALID, DEFAULT TAKEN**

**Explanation:** The BLOCKSIZE parameter specified in the user data control block (DCB) information must be at least 4100 bytes long. If you specify a value that is not valid, the default value of 4100 is used.

**System Action:** NPM processes the archived file using the default value of 4100 for the block size of the output file.

**Operator Response:** Notify your system programmer.

**Programmer Response:** If a different block size is needed, specify a valid BLOCKSIZE value (at least 4100) and resubmit.

---

FNM360I  

**records_read RECORDS READ, records_written RECORDS WRITTEN, records_ignored RECORDS IGNORED**

**Explanation:** This message is displayed at the end of the file conversion, showing the numbers of records read, written, and ignored.

**System Action:** NPM completes the program.

**Operator Response:** None.

**Programmer Response:** None.

---

FNM361E  

**ERROR resource_name data set_name, RETURN CODE FROM VSAM IS return_code**

**Explanation:** A bad return code was received from VSAM.

**System Action:** NPM ends.

**Operator Response:** Notify your system programmer.

**Programmer Response:** See *VSAM Data Management Programming* for more information about *return_code*.

---

FNM362E  

**OPEN FAILED, data set ddname NOT OPEN**

**Explanation:** NPM cannot open the *ddname* data set.

**System Action:** NPM ends.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Investigate the *ddname* data set.

---

FNM363E  

**RETURN CODE ON vsam_operation IS return_code, FDBK FIELD FROM VSAM IS feedback_field, RECORD NUMBER record_number**

**Explanation:** A bad return code was received from VSAM.

**System Action:** NPM ends.

**Operator Response:** Notify your system programmer.

**Programmer Response:** See *VSAM Data Management Programming* for more information about *return_code*.

---

FNM364E  

**ERROR ON operation, RECORD NUMBER record_number**

**Explanation:** An error was encountered in *record_number*.

**System Action:** NPM ends.

**Operator Response:** Check the record in error.

**Programmer Response:** None.

---

FNM367E  

**RECORD THAT IS NOT VALID AT module_name, KEY: command**

**Explanation:** The message displays the record number where the key of the record is not valid.

**System Action:** NPM ends.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Correct the format of the key in the record.

---

FNM370I  

**nnnnnn RECORDS PROCESSED**

**Explanation:** *nnnnnn* records have been processed by the transit analysis program (FNMTAP).

**System Action:** NPM continues processing.

**Operator Response:** None.

**Programmer Response:** If you do not want to see this message as often, change the RCDINTVL parameter on the TAP statement to change the interval between messages.

---

FNM371T  

**NO TRACE RECORDS FOUND. PROCESSING TERMINATED**

**Explanation:** No VTAM or NPM buffer trace records were found when the input trace file was read.

**System Action:** NPM ends FNMTAP processing.

**Operator Response:** If there are no trace records in the file, use a greater value for the RCDINTVL parameter to cause FNMTAP to read the entire file. The greatest value for RCDINTVL is 1000000.

**Programmer Response:** None.
FNM380S  PS ERROR error_code, PANEL: panel_name, USER: userid

Explanation: While attempting to display a panel, presentation services found the definition of panel_name to be incorrect. The values for error_code are the following:

<table>
<thead>
<tr>
<th>Error Code</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1001</td>
<td>Missing panel name pointer in presentation services request block (PSRB)</td>
</tr>
<tr>
<td>1002</td>
<td>Missing pointer to panel directory</td>
</tr>
<tr>
<td>1003</td>
<td>No available entries were found</td>
</tr>
<tr>
<td>1004</td>
<td>Panel not found in the panel data set</td>
</tr>
<tr>
<td>1005</td>
<td>I/O error occurred while reading the panel data set</td>
</tr>
<tr>
<td>1006</td>
<td>Panel data that is not valid was read</td>
</tr>
<tr>
<td>1007</td>
<td>The panel does not support variable-size screens</td>
</tr>
<tr>
<td>1012</td>
<td>The screen lacks room to display the panel</td>
</tr>
<tr>
<td>1013</td>
<td>The screen lacks room to display one entry</td>
</tr>
<tr>
<td>1022</td>
<td>The screen lacks room to display the panel</td>
</tr>
<tr>
<td>1023</td>
<td>The screen lacks room to display one entry</td>
</tr>
<tr>
<td>1024</td>
<td>The field name was not found</td>
</tr>
<tr>
<td>1025</td>
<td>The edit of the field is not supported</td>
</tr>
<tr>
<td>1026</td>
<td>The input field length is too long for the variable in storage</td>
</tr>
<tr>
<td>1027</td>
<td>The field was defined in error</td>
</tr>
<tr>
<td>1028</td>
<td>A key value that is not valid was specified for the field</td>
</tr>
<tr>
<td>1029</td>
<td>The output field data is too long</td>
</tr>
</tbody>
</table>

System Action: NPM displays an error panel in place of the requested panel and waits for the ENTER or END key to be pressed.

Operator Response: Press ENTER to clear the screen. Inform your system programmer of this message.

Programmer Response: See NPM Diagnosis for a list of documentation you should gather before contacting Customer Support.

FNM381S  PS ERROR: TRANSFORM TARGET NOT FOUND

Explanation: While processing the selection panel, NPM presentation services could not find the target in which to save the selection result.

System Action: NPM displays an error panel in place of the requested panel and waits for the ENTER or END key to be pressed.

Operator Response: Use the END key to end this process.

Programmer Response: None.

FNM382E  PANEL DOES NOT SUPPORT A LIST OR PANEL NOT FOUND

Explanation: Either the list function was requested on an NPM panel that did not support the function or a panel that was called was missing from the NPM panel data set.

System Action: NPM displays an error panel in place of the requested panel and waits for the ENTER or END key to be pressed.

Operator Response: Press ENTER to clear the screen. Inform your system programmer of this message.

Programmer Response: Verify that the panel data set has been correctly unloaded from the installation tape.

FNM383E  LOCATE TARGET: target_name NOT FOUND

Explanation: The target of the LOCATE command was not found.

System Action: NPM continues processing.

Operator Response: Verify the spelling of the resource to be located.

Programmer Response: None.

FNM384E  FUNCTION function_name IS NOT VALID

Explanation: An unsupported command function was entered.

System Action: NPM does not process the command. NPM waits for the use of a valid function or the END key.

Operator Response: Use a valid program function key (shown on the bottom of the panel).

Programmer Response: None.

FNM385E  FUNCTION function_name IS NOT SUPPORTED

Explanation: The function requested is not currently supported for the panel being processed.

System Action: NPM does not process the command. NPM waits for the use of a valid function or the END key.

Operator Response: Use a valid program function key (shown on the bottom of the panel).

Programmer Response: None.
**FNM386E**  
**FUNCTION function_name IS NOT ACTIVE**

**Explanation:** The function is valid for the panel being displayed but is not currently active.

**System Action:** NPM does not process the command. NPM waits for the use of a valid function or the END key.

**Operator Response:** Use an active program function key (shown on the bottom of the panel).

**Programmer Response:** None.

---

**FNM387E**  
**PARAMETERS ARE NOT VALID**

**Explanation:** The parameters for the command just entered are not valid.

**System Action:** NPM does not process the command. NPM waits for change or removal of the parameters.

**Operator Response:** Remove or correct the parameters and reenter.

**Programmer Response:** None.

---

**FNM388E**  
**FUNCTION IS NOT SUPPORTED FOR PROGRAM FUNCTION KEY**

**Explanation:** The function name entered for the program function key is not a defined function of NPM.

**System Action:** NPM does not process the command. NPM waits for the change or removal of the function name that is not valid.

**Operator Response:** Use a valid program function key or enter blanks for the default function assigned to the program function key.

**Programmer Response:** None.

---

**FNM389E**  
**ONE 'END' FUNCTION IS REQUIRED**

**Explanation:** At least one function key must be designated as END to enable proper processing.

**System Action:** NPM waits for a PF key to be designated as END.

**Operator Response:** Designate a program function key as END.

**Programmer Response:** None.

---

**FNM390E**  
**UNABLE TO PERFORM COMMAND. MAXIMUM NESTING LEVEL REACHED**

**Explanation:** NPM is not able to process the command because the maximum nesting level allowed has been reached.

**System Action:** NPM does not process the command.

**Operator Response:** Release a nesting level by exiting the main menu, or try another command.

**Programmer Response:** None.

---

**FNM400I**  
**snmp_task: unable to open message catalog fnmsnmsg.cat - error**

**Explanation:** FNMSNM00 or FNMSNM06 attempted to open its message catalog, fnmsnmsg.cat, in the message catalog directory. The SNMP component message catalog should have been installed in the /usr/lib/nls/msg/C HFS directory.

**System Action:** The SNMP component will use the internal default messages instead of the external message catalog.

**User Response:** If use of the external message catalog is desired, correct the indicated error. If the default messages are acceptable, no action is necessary.

**System Programmer Response:** If use of the external message catalog is desired, correct the indicated error. If the default messages are acceptable, no action is necessary.

---

**FNM401I**  
**snmp_task: Internal Error code**

**Explanation:** An SNMP task encountered an internal programming error.

<table>
<thead>
<tr>
<th>CODE</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>SNMP task (FNMSNM00 or FNMSNM06) could not get FNMSNM address</td>
</tr>
<tr>
<td>02</td>
<td>SNMP task (FNMSNM06) was started when TELNET=NO was set</td>
</tr>
<tr>
<td>03</td>
<td>SNMP task (FNMSNM06) could not allocate IP to LU Map Table</td>
</tr>
<tr>
<td>04</td>
<td>SNMP task (FNMSNM00) received a bad SNMY CB type</td>
</tr>
<tr>
<td>05</td>
<td>SNMP task (FNMSNM00) could not allocate a targetListEntry</td>
</tr>
<tr>
<td>06</td>
<td>SNMP task (FNMSNM06) could not allocate new hash table entries</td>
</tr>
<tr>
<td>07</td>
<td>SNMP task (FNMSNM00) could not find a targetListEntry to delete</td>
</tr>
<tr>
<td>08</td>
<td>SNMP task (FNMSNM00) could not allocate a WinSnmpWorkAreaCb</td>
</tr>
<tr>
<td>09</td>
<td>SNMP task (FNMSNM00) could not allocate a 2nd TargetListEntry</td>
</tr>
<tr>
<td>0A</td>
<td>SNMP task (FNMSNM00) could not allocate a MemMib CB</td>
</tr>
<tr>
<td>0B</td>
<td>SNMP task (FNMSNM00) could not allocate a ProteonMib CB</td>
</tr>
</tbody>
</table>
CODE  Meaning
0C  SNMP task (FNMSNM00) could not allocate a SysGroup CB
0D  SNMP task (FNMSNM00) could not allocate a ifTableEntry CB
0E  SNMP task (FNMSNM00) could not allocate a ciscoMemoryMib CB
0F  SNMP task received more than 1 varbin when only 1 expected
10  SNMP task (FNMSNM00) could not allocate a ThreadStruct CB
11  SNMP task (FNMSNM06) could not get FNMSNM address
12  SNMP task (FNMSNM06) could not get FNMTLN address
13  SNMP task (FNMSNM06) received a bad SNM6 CB
14  SNMP task (FNMSNM06) could not allocate an ipLuTargetEntry to delete
15  SNMP task (FNMSNM06) could not allocate an ipLuTargetEntry
16  SNMP task (FNMSNM04) could not allocate an ipLuColEntry
17  SNMP task (FNMSNM06) could not allocate the ipToLuMapEntry
18  SNMP task (FNMSNM06) could not allocate hash entries

System Action: An automatic restart of the affected SNMP component is attempted.

User Response: If possible, recreate the problem with the SNMP component’s trace enabled. Contact the NPM administrator.

System Programmer Response: Error information will be written to either the Syslog Daemon (syslogd) output file as specified in the syslog.conf file or to the SYSPRINT DD. The NPM startup option, sysout, controls which output destination is used by the SNMP component. Contact Customer Support with trace output collected.

FNM402I  snmp_task: sigaction() failed for signal: reason

Explanation: FNMSNM00 or FNMSNM006 encountered an error attempting to set up the signal handler for the signal specified by signal. reason is the error returned by the C runtime library for the failing sigaction() call. If the signal handler is not correctly enabled, the SNMP task will continue processing, but certain functions controlled by the failing signal will not function properly. Functions controlled by the signals are:

SIGABND  Handler controls error reporting and cleanup functions when an abend occurs. If sigaction fails for SIGABND and an abend occurs, trace information on the abend will be lost and certain resources may not be properly cleaned up. The SNMP task may not be automatically restarted.

SIGTERM  Handler controls cleanup of resources during termination. If sigaction fails for SIGTERM, the SNMP task will not be automatically restarted when a SIGTERM is received.

SIGPIPE  Handler allows the SNMP component to detect when the connection to has been terminated for some unusual reason. If sigaction fails for SIGPIPE, the SNMP task may either hang or terminate without restart.

System Action: Processing continues; however, the functions controlled by the failing signal will not function properly.

User Response: None.

System Programmer Response: None.

FNM403I  snmp_task; RESTART SCHEDULED

Explanation: An attempt has been made to automatically restart either FNMSNM00 or FNMSNM006 following a severe error which caused the SNMP task to end. This message is preceded by an error message indicating why the task was ended.

System Action: An automatic restart of the SNMP task is attempted.

User Response: None.

System Programmer Response: None.

FNM404I  snmp_task; SHUTDOWN IN PROGRESS

Explanation: FNMSNM00 or FNMSNM006 is permanently ending. This could be caused by a STOP command being issued for the NPM address space. The SNMP task end also occurs if FNMSNM00 or FNMSNM006 encounters an error too severe to attempt automatic restart.

System Action: FNMSNM00 or FNMSNM006 ends.

User Response: If the message is issued due to a STOP command, no action is necessary. If this message occurs following an unrecoverable SNMP task error, it will be preceded by one or more error messages indicating the error that caused the SNMP task to be ended. Correct the errors listed by the previous error messages.

System Programmer Response: If the message is issued due to a STOP command, no action is necessary. If this message occurs following an unrecoverable SNMP task error, it will be preceded by one or more error messages indicating the error that caused the SNMP task to be ended. Correct the errors listed by the previous error messages. NPM must be ended and restarted to restart the SNMP task.
**FNM405I**  
*snmp_task: INITIALIZATION COMPLETE*

**Explanation:**  
FNMSNM00 or FNMSNM006 has completed its initialization and is ready to start normal processing.

**System Action:**  
The SNMP task begins processing.

**User Response:**  
None.

**System Programmer Response:**  
None.

---

**FNM406I**  
*snmp_task: possible restart loop detected*

**Explanation:**  
An error occurred in FNMSNM00 or FNMSNM006 that caused a restart to be attempted. The restart processing determined that the SNMP task had already been restarted multiple times within a short time span and therefore ended the restart processing to prevent a restart loop from occurring.

**System Action:**  
FNMSNM00 or FNMSNM006 stops. In order to restart the task, NPM must be stopped and restarted.

**User Response:**  
This message will be preceded by several error messages which will indicate the errors that occurred in FNMSNM00 or FNMSNM006 to cause the SNMP task to be restarted. Correct the errors indicated by the previous error messages, then stop and restart NPM.

**System Programmer Response:**  
This message will be preceded by several error messages which will indicate the errors that occurred in FNMSNM00 or FNMSNM006 that caused the task to be restarted. Correct the errors indicated by the previous error messages, then stop and restart NPM.

---

**FNM407I**  
*FNMSNM00: Could not determine ip address for target hostname*

**Explanation:**  
A gethostbyname call within FNMSNM00 failed to resolve a target hostname to an IP address.

**System Action:**  
Insure that your system’s resolver function is properly configured. The function requiring determination of an IP address will not be completed.

**User Response:**  
Contact network administer.

**System Programmer Response:**  
None.

---

**FNM408I**  
*FNMSNM00: Could not determine hostname for target ipAddress*

**Explanation:**  
A gethostbyaddr call within FNMSNM00 failed to resolve a target IP address to hostname.

**System Action:**  
Insure that your system’s resolver function is properly configured. This is not a severe error. Processing for the function requesting determination of the corresponding hostname for an IP address will continue.

**User Response:**  
Check the hostname or IP address associated with a target to insure that it is correct. If the hostname or IP address is correct then there may be a configuration problem. Notify your system programmer of the problem.

**System Programmer Response:**  
Check the configuration of your default TCP/IP transport provider. If your default transport provider is TCP/IP, check the TCPIP.DATA data set for a valid HOSTNAME keyword. If your default TCP/IP transport provider is AnyNet, check the AnyNet ENVV AR data set for a valid HOSTNAME keyword.

---

**FNM409I**  
*Error return from api*

**Explanation:**  
The call to the specified routine failed. This is an internal error.

**System Action:**  
FNMSNM00 ends.

**User Response:**  
Restart NPM with debug enable for the SNMP component Collect the trace output and report the problem to the system programmer.

**System Programmer Response:**  
Check that TCPIP is running. Restart TCPIP if necessary. Make sure your system is configured correctly. Normally primary reason for SnmpStartup() to fail is that the system defined hostname is not resolving to an IP address. This can be verified by examining a SNMP component trace. For configuration information, refer to the *eNetwork Communications Server IP User’s Guide* (GC31-8514). If your system is configured correctly, then contact Customer Support for assistance.

---

**FNM410I**  
*Error finding local host name, errno = errmsg Using loopback address 127.0.0.1*

**Explanation:**  
A call to gethostid() failed. The loopback IP address 127.0.0.1 will be used as the host address.

**System Action:**  
None.

**User Response:**  
Inform the system programmer of the problem.

**System Programmer Response:**  
Check the configuration of your default TCP/IP transport provider. If your default transport provider is TCP/IP, check the TCPIP.DATA data set for a valid HOSTNAME keyword. For more information about errno, refer to the *eNetwork Communicatons Server Application Programming Interface (API)* (SC31-8516).

---

**FNM411I**  
*Error converting name to Entity*

**Explanation:**  
An error occurred when attempting to convert the destination name for a target to an internal destination Entity.

**System Action:**  
None.

**User Response:**  
Check the hostname or IP address associated with a target to insure that it is correct. If the hostname or IP address is correct then there may be a configuration problem. Notify your system programmer of the problem.

**System Programmer Response:**  
Check the configuration of your default TCP/IP transport provider. If your default transport provider is TCP/IP, check the TCPIP.DATA data set for a valid HOSTNAME keyword. If your default TCP/IP transport provider is AnyNet, check the AnyNet ENVV AR data set for a valid HOSTNAME keyword.
FNM412I Memory Allocation failed

Explanation: An allocation of C heap storage failed. There is insufficient memory to continue processing.

System Action: FNMSNM00 ends.

User Response: Contact system programmer.

System Programmer Response: If possible, recreate problem with the SNMP component trace enabled and contact your support group.

FNM413I variable is not a valid variable.instance

Explanation: The syntax of a variable name or ObjectID is not correct or a variable name, not an instance of the variable was entered. The correct syntax is as follows:

\[ \text{var\_name.n} \]
\[ n.n...n \]

where var\_name is alphanumeric and starts with a letter (a-z) and n is a digit. For example, sysDescr.0 or 1.3.6.1.2.1.1.1.0

System Action: FNMSNM00 ends.

User Response: Contact system programmer.

System Programmer Response: This error should not occur. If it does, attempt to collect NPM SNMP component trace information and contact NPM support.

FNM414I Variable variable is not found in any local MIB

Explanation: The variable specified was not found in any of the MIBs available

System Action: None.

User Response: The symbolic name of an object will not be used, instead its object identifier will be used.

System Programmer Response: None.

FNM415I value is not numeric

Explanation: The value must be numeric.

System Action: The request fails.

User Response: Collect trace information and contact support group.

System Programmer Response: None.

FNM416I value value is out of range

Explanation: The value entered is outside the range defined by the SMI type.

System Action: The request ends.

User Response: Collect trace information and contact support group.

System Programmer Response: None.

FNM417I value is not a valid IP address

Explanation: The IP address specified is not syntactically correct.

System Action: The request ends.

User Response: Collect trace information and contact support group.

System Programmer Response: None.

FNM418I value is not a valid OID

Explanation: The OID specified is not syntactically correct.

System Action: The request ends.

User Response: Collect trace information and contact support group.

System Programmer Response: None.

FNM420I Report received: exception counter MIB object

Explanation: A report PDU was received, indicating than an exception condition has occurred. The name of the MIB object incremented for this exception is displayed. Reports are typically issued when the configuration at FNMSNM00 is not consistent with the configuration at the target agent. For example, the user name in the request may not be configured at the agent or the authentication and/or privacy keys may not be valid.

System Action: FNMSNM00 displays error messages and ends.

User Response: Contact the system programmer.

System Programmer Response: Correct the configuration file. For information about configuring the FNMSNM00, refer to the eNetwork Communications Server IP User’s Guide (GC31-8514).
FNM421I Unrecognized value in file filename (Line linenumber)

Explanation: An unrecognized value was encountered while processing the specified configuration file at the indicated line.

System Action: The line is ignored, and FNMSNM00 continues processing.

User Response: Contact the system programmer.

System Programmer Response: Correct the configuration file. For information about configuring FNMSNM00, refer to the eNetwork Communications Server IP User's Guide (GC31-8514).

FNM422I Line number linenumber in the filename file has a port number which is not valid.

Explanation: The port number at the specified line number is not valid.

System Action: The line is ignored, and FNMSNM00 continues processing.

User Response: Contact the system programmer.

System Programmer Response: Correct the configuration file. For information about configuring FNMSNM00, refer to the eNetwork Communications Server IP User's Guide (GC31-8514).

FNM423I Value too long in file filename (Line linenumber)

Explanation: An error was encountered processing the specified configuration file at the indicated line. The value for the indicated field is too long.

System Action: The line is ignored, and FNMSNM00 continues processing.

User Response: Contact the system programmer.

System Programmer Response: Correct the configuration file. For information about configuring FNMSNM00, refer to the eNetwork Communications Server IP User's Guide (GC31-8514).

FNM424I Entry in file filename (Line linenumber) should have at least number fields.

Explanation: An entry in the configuration file should have at least as many fields as indicated. Different administrative models require different number of fields.

System Action: The line is ignored, and FNMSNM00 continues processing.

User Response: Contact the system programmer.

System Programmer Response: Correct the configuration file. For information about configuring FNMSNM00, refer to the eNetwork Communications Server IP User's Guide (GC31-8514).

FNM425I Value too short in file filename (Line linenumber)

Explanation: An error was encountered processing the specified configuration file at the indicated line. The value for the indicated field is too short.

System Action: The line is ignored, and FNMSNM00 continues processing.

User Response: Contact the system programmer.

System Programmer Response: Correct the configuration file. For information about configuring FNMSNM00, refer to the eNetwork Communications Server IP User's Guide (GC31-8514).

FNM426I Keytype in filename (Line linenumber) has an incorrect length.

Explanation: The indicated key is not the correct length.

System Action: The line is ignored, and FNMSNM00 continues processing.

User Response: Contact the system programmer.

System Programmer Response: Correct the configuration file. For information about configuring FNMSNM00, refer to the eNetwork Communications Server IP User's Guide (GC31-8514).

FNM427I Error in filename (Line linenumber) - Line too long.

Explanation: While the command processor was reading the command configuration file, it encountered a line that was too long.

System Action: The line is ignored, and FNMSNM00 continues processing.

User Response: Contact the system programmer.

System Programmer Response: Correct the configuration file. For information about configuring FNMSNM00, refer to the eNetwork Communications Server IP User's Guide (GC31-8514).

FNM428I Error processing filename (Line linenumber).

Explanation: FNMSNM00 encountered an error while processing the specified line.

System Action: The line is ignored, and FNMSNM00 continues processing.

User Response: Contact the system programmer.

System Programmer Response: Correct the configuration file. For information about configuring FNMSNM00, refer to the eNetwork Communications Server IP User's Guide (GC31-8514).
FNM429I  Line number linenumber in the filename file has a network address or host name which is not valid.

Explanation: The network address at the specified line number is not in dotted decimal notation (xxx.xxx.xxx.xxx), or the host name specified is not valid.

System Action: The line is ignored, and FNMSNM00 continues processing.

User Response: Contact the system programmer.

System Programmer Response: Correct the configuration file. For information about configuring FNMSNM00, refer to the eNetwork Communications Server IP User's Guide (GC31-8514).

FNM430I  Error in /etc/mibs.data file, lineno: error

Explanation: While the command processor was reading the /etc/mibs.data file, it encountered an error in the file on the line specified. The possible errors are:

Line too long
  Each line in the file must be no longer than 2048. The line specified is longer.

Missing fields
  One or more fields are missing from the file. The format of the file is shortname objectID type

Unrecognized type
  The value in the "type" field is one of the expected types. For a list of types, see the eNetwork Communications Server IP User's Guide (GC31-8514).

System Action: The line is ignored and FNMSNM00 continues.

User Response: Correct the error indicated and reissue the command.

System Programmer Response: None.

FNM431I  ADD OF TARGET dnsName (ipAddress) REJECTED, TARGET ALREADY EXISTS

Explanation: An attempt was made to add a target that already exists. Either the dnsName or ipAddress associated with the new target matches that of an existing one.

System Action: The target definition fails.

User Response: Check dnsNames and the corresponding ipAddresses of the existing targets.

System Programmer Response: None.

FNM432I  DATA COLLECTION STARTED FOR TARGET dnsName (ipAddress)

Explanation: Data collection was started for the specified target after the target has completed its initialization.

System Action: None.

User Response: None.

System Programmer Response: None.

FNM433I  DATA COLLECTION START FAILED FOR TARGET dnsName (ipAddress)

Explanation: Starting data collection for the specified target failed. This message is generated as the result of a target failing its initialization when one or more start collection requests where received for it by FNMSNM00. The normal reasons for a target failing to initialize are: bad ipAddress, wrong hostname specified, incorrect SNMPv1 community string (these are case sensitive), or in general incorrect SNMP authentication specification.

System Action: Reproduce the problem with trace enabled by deleting and redefining the corresponding target.

User Response: None.

System Programmer Response: None.

FNM434I  INITIALIZATION HAS FAILED FOR TARGET dnsName (ipAddress)

Explanation: NPM was unable to initialize the indicated target. The normal reasons for a target failing to initialize are: bad ipAddress, wrong hostname specified, incorrect SNMPv1 community string (these are case sensitive), or in general incorrect SNMP authentication specification.

System Action: Reproduce the problem with trace enabled by deleting and redefining the corresponding target.

User Response: None.

System Programmer Response: None.

FNM435I  AN INITIALIZATION ATTEMPT HAS FAILED FOR TARGET dnsName (ipAddress)

Explanation: NPM was unable to initialize the indicated target. NPM will repeat this process 4 times with a 15 minute wait between attempts.

System Action: None.

User Response: None.

System Programmer Response: None.
**FNM436I**  
**COULD NOT FIND TARGET ipAddress**  
**IN ORDER TO START A COLLECTION.**

**Explanation:** The NPM SNMP component received a start collect for a target that does not exist.

**System Action:** None.

**User Response:** None.

**System Programmer Response:** None.

---

**FNM437I**  
**START COLLECT REQUEST HAS FAILED FOR TARGET dnsName (ipAddress)**

**Explanation:** NPM was unable to retrieve the data required for the data collection on the indicated target.

**System Action:** None.

**Operator Response:** None.

**Programmer Response:** None.

---

**FNM438I**  
**IP/LU MAP DATA RETRIEVAL HAS FAILED FOR TARGET dnsName (ipAddress)**

**Explanation:** NPM was unable to collect IP to LU map data from the indicated target. The normal reasons for a target failing to initialize are:

- Bad ipAddress (it is case sensitive)
- Wrong hostname specified (it is case sensitive)
- Incorrect SNMPv1 community string (it is case sensitive)
- Incorrect SNMP authentication specification
- The target does not support collection of this type of data

**System Action:** Reproduce the problem with trace enabled by deleting and redefining the corresponding target.

**User Response:** None

**System Programmer Response:** None.

---

**FNM439I**  
**AN IP/LU MAP DATA RETRIEVAL ATTEMPT HAS FAILED FOR TARGET dnsName (ipAddress)**

**Explanation:** NPM was unable to retrieve IP/LU map data from the indicated target. NPM will repeat this process four times with a 15 minute wait between attempts.

**System Action:** None

**User Response:** None

**System Programmer Response:** None.

---

**FNM440I**  
**snmp_task: FAILED TO OPEN ITS DD ddName FOR TRACE OUTPUT**

**Explanation:** FNMSNM00 or FNMSNM06 was unable to open its DD when trace output was requested.

**System Action:** NPM will have to be stopped and restarted with the indicated DD defined, if trace is desired from this task.

**Operator Response:** None.

**Programmer Response:** None.

---

**FNM441I**  
**snmp_task: SELECTEX ERROR**

**Explanation:** The snmp_task encountered an error in its use of the selectex socket call. The primary reason for this is that the INET Physical File System (PFS) that was being used by NPM was stopped.

**System Action:** NPM must be stopped and restarted after the INET PFS has been restarted. For more information, refer to the OS/390 OpenEdition File System Interface Reference Version 2.5.

**User Response:** None

**Programmer Response:** None.

---

**FNM442I**  
**SOCKET ERROR ENCOUNTERED FOR TARGET dns_name (ip_address)**

**Explanation:** A socket level error was detected for the indicated SNMP target. The primary reason for this is that there is no longer a path to the target. This can occur when the device/adapter associated with the route to the target becomes unavailable.

**System Action:** After the system administrator has resolved the problem, he must delete and redefine the target in order for NPM to reattempt data collection.

**User Response:** Contact the system administrator.

**Programmer Response:** None.

---

| **FNM443I**  |
| snmp_task LOST COMMUNICATION WITH UNIX SYSTEM SERVICES |

**Explanation:** FNMSNM00 or FNMSNM06 has lost its communication path to UNIX System Services. The most likely reason is that TCP/IP has been stopped.

**System Action:** The indicated task will wait 5 minutes and then will attempt to reinitialize itself.

**Operator Response:** None.

**Programmer Response:** None.
FNM500I NCP ncp_name, PUNAME=pu_name, IS NOW DEFINED TO NPM npm_name.

RC=return_code

Explanation: ncp_name is now defined to NPM. If the return code is not zero, problems were encountered defining the NCP to NPM. Messages about the problems can be found in the SYSPRINT data set.

System Action: NPM continues processing.

Operator Response: If the return code is not zero, notify your system programmer.

Programmer Response: Examine the error messages in the SYSPRINT data set and proceed accordingly.

FNM501I NCP ncp_name, PUNAME=pu_name, IS NO LONGER DEFINED TO NPM npm_name

Explanation: ncp_name has been deleted from NPM.

System Action: NPM no longer recognizes the NCP or its resources. NPM stops all collection commands for resources in the NCP.

Operator Response: None.

Programmer Response: None.

FNM502I NCP old_ncp_name HAS BEEN REPLACED BY NCP new_ncp_name, PUNAME=pu_name, ON NPM npm_name.

RC=return_code

Explanation: old_ncp_name is replaced with new_ncp_name. If the return code is not zero, problems were encountered replacing the NCP. Messages can be found in the SYSPRINT data set about the errors.

System Action: NPM replaces old_ncp_name with new_ncp_name. If possible, NPM carries over collection commands for resources in the old NCP to the same resources in the new NCP.

Operator Response: If the return code is not zero, notify your system programmer.

Programmer Response: Examine the error messages in the SYSPRINT data set and proceed accordingly.

FNM503E NCP ncp_name, PUNAME=pu_name, IS ALREADY DEFINED TO NPM npm_name

Explanation: Either the NCP command to add an NCP was issued for an NCP that is already defined to NPM, or an NCP command to replace NCP parameters was issued where the NCP name is known to NPM but the PU name is different.

System Action: NPM ignores the NCP command.

Operator Response: Correct the NCP command and reenter it.

FNM504E NCP ncp_name IS NOT DEFINED TO NPM npm_name

Explanation: The NCP command with OPTION=DELETE was issued for an NCP that is not known to NPM.

System Action: NPM ignores the NCP command.

Operator Response: Correct the NCP command and reenter it.

Programmer Response: None.

FNM505E ERROR LOADING NCP RRT rrt_name

Explanation: rrt_name could not be loaded by NPM. NPM needs this resource resolution table (RRT) to construct its configuration information.

System Action: The NCP is not defined to NPM.

Operator Response: Notify your system programmer.

Programmer Response: For MVS systems, verify that rrt_name exists in one of the FNMLLIB or STEPLIB data sets for NPM. For VM systems, verify that rrt_name exists on a LOADLIB accessible to NPM.

FNM506E RESOURCE resource_name IN VTAMLST MEMBER member_name DOES NOT MATCH RESOURCE resource_name IN THE NCP RRT

Explanation: resource_name has conflicting definitions in VTAMLST and the NCP resource resolution table (RRT).

System Action: NPM continues processing without the named resource.

Operator Response: Notify your system programmer.

Programmer Response: Verify that the NCP GEN in VTAMLST and the NCP RRT match. If they do not match, you might need to correct the NCP GEN in VTAMLST or regenerate the NCP.

FNM507E ERROR ENCLOSED DEFINING NCP ncp_name, PUNAME=pu_name, TO NPM npm_name.

RC=return_code

Explanation: An error was encountered while an NCP was being defined to NPM. The return code identifies the problem:

<table>
<thead>
<tr>
<th>Return Code</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>VTAMLST error</td>
</tr>
<tr>
<td>16</td>
<td>NCP RRT error</td>
</tr>
<tr>
<td>20</td>
<td>NCP command error</td>
</tr>
<tr>
<td>24</td>
<td>Storage allocation error</td>
</tr>
<tr>
<td>28</td>
<td>Dynamic node control block (NCB) pool depleted</td>
</tr>
</tbody>
</table>

System Action: The NCP is not defined to NPM.

Operator Response: Notify your system programmer.
Programmer Response: Examine return_code and any error messages in the SYSPRINT data set and proceed accordingly.

FNM508E MAXIMUM NUMBER OF NCPS ALREADY DEFINED TO NPM npm_name

Explanation: The maximum number of NCPS that can be defined to NPM simultaneously has been exceeded.

System Action: The NCP is not defined to NPM.

Operator Response: Delete any NCPS no longer needed by NPM and notify your system programmer.

Programmer Response: Increase the value of the MAXNCPS parameter on the NPM initialization statement in the FNMINIT data set and recycle NPM, if necessary.

FNM509E ERROR ENCOUNTERED PROCESSING NCP RRT rrt_name, reason

Explanation: The rrt_name is not valid. The reason can be:
- RRT NOT IN SEGMENT FORMAT
- UNKNOWN SEGMENT FOUND
- SEGMENT 1 NOT FOUND
- SEGMENT 4 or 8 NOT FOUND
- NEWNAME ON VTAMLST NOT EQUAL TO NCP NAME IN RRT

System Action: The NCP is not defined to NPM.

Operator Response: Notify your system programmer.

Programmer Response: Correct the NCP resource resolution table (RRT) and regenerate the NCP, if necessary.

FNM510E SUBAREA subarea_number ALREADY IN USE BY resource_name

Explanation: The subarea_number is identical to one already being used for the host, a cross-domain resource manager (CDRM), or another NCP. Only unique subarea numbers can be defined to NPM.

System Action: The NCP is not defined to NPM.

Operator Response: Notify your system programmer.

Programmer Response: If the NCP belongs to your network, correct its subarea number. If the NCP belongs to another network and its subarea number duplicates a subarea number in your network, use the SUBAREA keyword on the NCP command to specify a valid subarea number for your network.

FNM511E SUBAREA subarea_number EXCEEDS THE MAXIMUM SUBAREA

Explanation: subarea_number is larger than the value of the MAXSUBA parameter on the NPM initialization statement in FNMINIT.

System Action: The NCP is not defined to NPM.

Operator Response: Notify your system programmer.

Programmer Response: Increase the value of the MAXSUBA parameter on the NPM initialization statement.

FNM512E RESOURCE resource_name IN VTAMLST MEMBER member_name WAS NOT FOUND IN THE NCP RRT

Explanation: resource_name was found in the NCP GEN in VTAMLST but not in the NCP RRT.

System Action: resource_name is not defined to NPM.

Operator Response: Notify your system programmer.

Programmer Response: Verify that the NCP GEN in VTAMLST and the NCP RRT match. If they do not match, correct the NCP GEN in VTAMLST or regenerate the NCP.

FNM513E INSUFFICIENT STORAGE AVAILABLE TO DEFINE NCP ncp_name

Explanation: There is not enough private storage available to completely define the NCP to NPM.

System Action: The NCP is not defined to NPM.

Operator Response: Notify your system programmer.

Programmer Response: Increase the region size, increase the value of the BUFSEGS parameter on the BUFFERS initialization statement in the FNMINIT data set, or delete the NCPS from NPM that are no longer needed.

FNM514E INSUFFICIENT CSA STORAGE AVAILABLE FOR SESSION COLLECTION FOR NCP ncp_name

Explanation: There is not enough common storage area (CSA) available to allow session collection for ncp_name and its resources.

System Action: NPM disables the session collection for ncp_name and its resources.

Operator Response: Notify your system programmer.

Programmer Response: Increase the amount of CSA storage available to NPM.
FNM515E  MAXCOLL VALUE EXCEEDED FOR ncp_name DURING REPLACE

Explanation: The MAXCOLL value for the new NCP in a REPLACE operation was exceeded when network collection was being restarted for the eligible resources.

System Action: NPM continues processing. Network collection will not be restarted for any resources processed after the MAXCOLL value was reached for the new NCP.

Operator Response: Notify your system programmer.

Programmer Response: Verify that the MAXCOLL value for the new NCP is compatible with the MAXCOLL value for the NCP being replaced.

FNM516W  INTTRACE=YES SPECIFIED ON NPM STATEMENT. SESSION COLLECTION IS NOT VALID FOR ANY NCPS

Explanation: INTTRACE=YES was specified on the NPM initialization statement that prevents NPM from collecting session data for any NCPs defined to NPM.

System Action: NPM disables the session collection for all of the NCPs and their resources.

Operator Response: Notify your system programmer.

Programmer Response: Change the NPM initialization statement to INTTRACE=NO if you want to collect session data for the NCPs and their resources.

FNM517E  MISSING OR INVALID BUILD STATEMENT IN VTAMLST MEMBER member_name

Explanation: The BUILD statement was not found or the BUILD statement was not valid in the NCP GEN in the named VTAMLST member.

System Action: The NCP is not defined to NPM.

Operator Response: Notify your system programmer.

Programmer Response: Correct the NCP GEN in the named VTAMLST member.

FNM518E  PUNAME pu_name IN VTAMLST MEMBER member_name DOES NOT MATCH PUNAME ON NCP STATEMENT

Explanation: The PU name found in the VTAMLST member was not the same as the PU name specified in the NPM NCP command statement.

System Action: The new NCP is not defined. If OPTION=REPLACE, the NCP being replaced is not affected.

Operator Response: Check that the command was entered correctly. Notify your system programmer.

Programmer Response: Enter the correct PU name in the VTAMLST member.

FNM519E  NEWNAME name IN VTAMLST MEMBER member_name DOES NOT MATCH THE NCP NAME ON THE NCP STATEMENT

Explanation: The NEWNAME value on the BUILD statement in the named VTAMLST member is not the same as the NCP name coded on the NCP command being processed.

System Action: The NCP is not defined to NPM.

Operator Response: Notify your system programmer.

Programmer Response: Correct the NCP GEN in the named VTAMLST member.

FNM520E  DYNAMIC NCB POOL HAS BEEN DEPLETED

Explanation: The pool of dynamic node control blocks (NCBs) is exhausted. The NCBs are used by NPM to communicate with the NPALU in the NCP.

System Action: The NCP is defined to NPM without an NPALU.

Operator Response: If possible, delete any unused NCPs from NPM and define the NCP again.

Programmer Response: Increase the value of the MAXNCPS parameter on the NPM initialization statement.

FNM521E  resource_name IS NOT AN NCP OR CCU

Explanation: An NCP command was entered for resource_name that is already defined to NPM as something other than an NCP or CCU.

System Action: NPM does not process the command.

Operator Response: Verify that the resource specified is correct.

Programmer Response: Ensure that the resource names in your network are unique.

FNM522E  lu_group_name IS NOT AN LUGROUP

Explanation: The LU group definition member identified by lu_group_name in an LUGROUP command does not comply with the syntax requirements and is not recognized as a valid LU group member.

System Action: The LU group is not defined to NPM.

Operator Response: Check that the member identified by lu_group_name is really the group you want to define. Notify your system programmer.

Programmer Response: Correct the syntax errors in the LU group definition member.
FNM523E  ERROR ENCOUNTERED DEFINING LUGROUP lu_group_name TO NPM npm_name, RC=return_code

Explanation: An error was detected while an LU group was being defined to NPM. This message will usually be accompanied by another message that describes the error in more detail.

System Action: The LU group is not defined to NPM.
Operator Response: Notify your system programmer.
Programmer Response: Examine the SYSPRINT data set for other messages and proceed accordingly.

FNM524I  LUGROUP lu_group_name IS NO LONGER DEFINED TO NPM npm_name

Explanation: The definition for LU_group_name has been removed from NPM as the result of an LUGROUP command with OPTION=DELETE or OPTION=REPLACE.

System Action: NPM no longer creates summarized session data records for the group.
Operator Response: None.
Programmer Response: None.

FNM525E  LUGROUP lu_group_name IS NOT DEFINED TO NPM npm_name

Explanation: The LUGROUP command with OPTION=DELETE was issued for a group that was not known to NPM.

System Action: NPM ignores the LUGROUP command.
Operator Response: Correct the command and reenter it.
Programmer Response: None.

FNM526I  LUGROUP lu_group_name IS NOW DEFINED TO NPM npm_name

Explanation: lu_group_name is now defined to NPM. If the return code is not zero, problems were encountered during the definition. Messages about the problems can be found in the SYSPRINT data set.

System Action: NPM continues processing.
Operator Response: If the return code is not zero, notify your system programmer.
Programmer Response: Examine the messages in the SYSPRINT data set and proceed accordingly.

FNM527I  LUGROUP COMMAND NOT ENABLED

Explanation: The LUGROUP command was issued, but HOSTCOLL=NO or LUGRPNUM=0 is coded on the NPM statement of FNMINIT, and no storage has been allocated for LU group support.

System Action: NPM ignores the LUGROUP command.
Operator Response: Notify your system programmer.
Programmer Response: Specify HOSTCOLL=YES and an appropriate non-zero value for LUGRPNUM and restart NPM.

FNM528E  LU lu_name IS ALREADY DEFINED IN AN LUGROUP

Explanation: An LUGROUP command was issued to define a new LU group to NPM, but the group definition member contains lu_name, which is already defined in another LU group.

System Action: lu_name is not defined in this LU group.
Operator Response: Notify your system programmer.
Programmer Response: Remove lu_name from one of the group definition members if they are both to be defined simultaneously.

FNM529W  NCP ncp_name, PUNAME=pu_name, DEFINED WITHOUT AN NPALU

Explanation: The NPALU was not defined in this NCP or its definition is not valid.

System Action: NPM does not allow network collection for ncp_name or its resources.
Operator Response: Notify your system programmer.
Programmer Response: If necessary, correct the NCP GEN and regenerate the NCP.

FNM530E  resource_name IS NOT AN APPLICATION

Explanation: A SESSAPPL command was entered for resource_name that is already defined to NPM as something other than an application.

System Action: NPM does not process the command.
Operator Response: Verify that the resource specified is correct.
Programmer Response: Ensure that the resource names in your network are unique.
**FNM531I**  
**SESSAPPL COMMAND NOT ENABLED**

**Explanation:** The SESSAPPL command was issued, but HOSTCOLL=NO is coded on the NPM statement of FNMINIT.

**System Action:** NPM ignores the SESSAPPL command.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Specify HOSTCOLL=YES and restart NPM.

---

**FNM532E**  
**ERROR ENCOUNTERED DEFINING APPLICATION application_name TO NPM npm_name. RC=return_code**

**Explanation:** An error was detected while an application was being defined to NPM by using the SESSAPPL command. This message will usually be accompanied by another message that describes the error in more detail.

**System Action:** The application is not defined to NPM.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Examine the SYSPRINT data set for other messages and proceed accordingly.

---

**FNM533I**  
**APPLICATION application_name IS NO LONGER DEFINED TO NPM npm_name.**

**Explanation:** The definition for application_name has been removed from NPM as the result of a SESSAPPL command with OPTION=DELETE or OPTION=REPLACE.

**System Action:** NPM no longer recognizes the application. NPM stops all collection commands for the application.

**Operator Response:** None.

**Programmer Response:** None.

---

**FNM534W**  
NPSIXI is a reserved NPM name, your NEO application named NPSIXI has been renamed to {$NPSI|XI}.

**Explanation:** A network extension option (NEO) application was defined with the name NPSI or XI. NPM uses these names when it refers to a NPSI or XI application.

**System Action:** NPM renames the NEO application to $NPSI or $XI and continues processing.

**Operator Response:** None.

**Programmer Response:** Change the name of your NEO application to something other than NPSI or XI.

---

**FNM535E**  
**THE ABOVE NEO APPL IS NOT DEFINED**

**Explanation:** The NEO application name specified in the NSAMDFY command is not defined to the related NCP.

**System Action:** NPM does not process the command.

**Operator Response:** Verify the spelling of the NEO application name for this NCP and notify your system programmer.

**Programmer Response:** Verify that the NCP resource resolution table (RRT) used to define this NCP to NPM is correct.

---

**FNM536E**  
**APPLICATION application_name IS NOT DEFINED TO NPM npm_name**

**Explanation:** The SESSAPPL command with OPTIONS=DELETE was issued for a group that was not known to NPM.

**System Action:** NPM ignores the SESSAPPL command.

**Operator Response:** Correct the command and enter it again.

**Programmer Response:** None.

---

**FNM537I**  
**APPLICATION application_name IS NOW DEFINED TO NPM npm_name. RC=return_code**

**Explanation:** application_name is now defined to NPM. If the return code is not zero, problems were encountered during the definition. Messages about the problems can be found in the SYSPRINT data set.

**System Action:** NPM continues processing.

**Operator Response:** If the return code is not zero, notify your system programmer.

**Programmer Response:** Examine the messages in the SYSPRINT data set and proceed accordingly.

---

**FNM538E**  
**APPLICATION application_name CANNOT BE REPLACED OR DELETED**

**Explanation:** A SESSAPPL application_name was entered for an application that was statically defined to NPM by the APPL statement in FNMINIT. This type of application cannot be replaced or deleted by using the SESSAPPL command.

**System Action:** NPM does not process the command.

**Operator Response:** Verify that the application specified is correct.

**Programmer Response:** To replace or delete this application, change the APPL statement of FNMINIT and restart NPM.
FNM539I APPLICATION application_name HAS BEEN REPLACED ON NPM npm_name.

Explanation: application_name has been replaced on NPM. If the return code is not zero, problems were encountered during the definition. Messages about the problems can be found in the SYSPRINT data set.

System Action: NPM continues processing.
Operator Response: If the return code is not zero, notify your system programmer.
Programmer Response: Examine the messages in the SYSPRINT data set and proceed accordingly.

FNM540I ROUTER router_name IS NOW DEFINED TO NPM npm_name

Explanation: router_name is now defined to NPM.
System Action: NPM continues processing.
Operator Response: None.
Programmer Response: None.

FNM541I ROUTER router_name HAS BEEN DELETED FROM NPM npm_name

Explanation: router_name has been deleted from NPM.
System Action: NPM continues processing.
Operator Response: None.
Programmer Response: None.

FNM542E ROUTER router_name IS NOT DEFINED TO NPM npm_name- COMMAND REJECTED

Explanation: The router router_name is not defined to NPM, so NPM cannot process the command you requested.
System Action: NPM ignores the command.
Operator Response: Verify the spelling of the resource name and notify your system programmer.
Programmer Response: None.

FNM543E ROUTER NAME router_name IS NOT VALID - COMMAND REJECTED

Explanation: The router name you used in the command is not valid because it is not resolved into a valid IP address, so NPM cannot process the command you requested.
System Action: NPM ignores the command.
Operator Response: Verify the spelling of the resource name and notify your system programmer.
Programmer Response: Verify that you used a valid router name.

FNM544E SNMP COMPONENT WAS TERMINATED - COMMAND REJECTED

Explanation: The NPM SNMP component (FNMSNM00) was terminated and the whole SNMPACCT function was disabled, so NPM cannot process the command you requested.
System Action: NPM ignores the command.
Operator Response: Notify your system programmer.
Programmer Response: See NPM Diagnosis for a list of the documentation you should gather before contacting Customer Support.

FNM545E ROUTER router_name IS ALREADY DEFINED TO NPM npm_name- COMMAND REJECTED

Explanation: The router router_name is already defined to NPM, so NPM cannot process the command you requested.
System Action: NPM ignores the command.
Operator Response: Verify the spelling of the resource name and notify your system programmer.
Programmer Response: None.

FNM546I RODM DISCOVERY ACTIVE

Explanation: The task of NPM-RODM is successfully started and performing the auto-discovery of network resources.
System Action: NPM continues processing.
Operator Response: None.
Programmer Response: None.

FNM547W RODM DISCOVERY INACTIVE. RC=return_code

Explanation: NPM-RODM is inactive. No auto-discovery of network resources is performed. The following list describes the possible return codes:

<table>
<thead>
<tr>
<th>Return Code</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>RODMDISC=NO was specified, or RODMDISC=YES was specified but the connection or notification to RODM failed.</td>
</tr>
<tr>
<td>08</td>
<td>An error occurred during NPM-RODM initialization. See the previous messages to identify the error.</td>
</tr>
<tr>
<td>12</td>
<td>RODMDISC=YES was specified but RODM is not installed on your system.</td>
</tr>
</tbody>
</table>

System Action: NPM does not perform the auto-discovery of network resources.
Operator Response: Notify your system programmer.
Programmer Response: If NPM-RODM is required, verify that RODM is installed on your system and restart the NPM with the appropriate initialization parameters.
FNM548E  RODM FUNCTION function_name TERMINATED WITH RETURN CODE=return_code, REASON CODE=reason_code.

Explanation: The RODM function function_name terminated with an error.

System Action: NPM continues processing.

Operator Response: Notify your system programmer.

Programmer Response: Examine the error codes by using the Resource Object Data Manager and GMFHS Programmer’s Guide and proceed accordingly.

FNM550I  NSI IS UNAVAILABLE ON VM

Explanation: NSI=YES was coded on the NPM initialization statement on a VM system. The NetView synergy interface (NSI) is supported only on MVS systems. See NPM Installation and Customization for more information.

System Action: NPM sets NSI=NO and continues processing.

Operator Response: None.

Programmer Response: To avoid receiving this message, code NSI=NO on the NPM initialization statement for VM systems.

FNM551I  NSI START UP IN PROGRESS

Explanation: The NetView synergy interface (NSI) received control and has begun its initialization.

System Action: NSI processing begins.

Operator Response: None.

Programmer Response: None.

FNM552I  NSI STARTED, USE “STOP” COMMAND TO TERMINATE NSI

Explanation: The NetView synergy interface (NSI) successfully built its data structure and set up the system linkages to process the requests.

System Action: NSI requests begin processing.

Operator Response: Issue the STOP command to stop NSI.

Programmer Response: None.

FNM553I  “STOP” ACCEPTED, NSI TERMINATION IN PROGRESS.

Explanation: The NetView synergy interface (NSI) begins its termination procedure by waiting for all the outstanding NSI requests to complete processing.

System Action: NSI requests stop processing.

Operator Response: None.

Programmer Response: None.

FNM554E  NSI ALREADY STARTED, THIS START IS IGNORED

Explanation: The NetView synergy interface (NSI) initialization routine detected that NSI has already started.

System Action: The request to start NSI is ignored. NSI continues running.

Operator Response: Verify that the NSI subsystem has been previously started.

Programmer Response: If a previous execution of NSI has failed to reset the NSI subsystem control blocks, re-IPL the system before you start NSI again.

FNM555E  NSI IS NOT APF-AUTHORIZED

Explanation: The NetView synergy interface (NSI) address space is not authorized program facility (APF) authorized. The NSI address space must be APF-authorized before NSI can start.

System Action: The NSI ends.

Operator Response: Notify your system programmer.

Programmer Response: Update the IEAAPFx member in SYS1.PARMLIB to include the STEPLIB data set that contains the NSI routines. You may have to re-IPL the system.

FNM556E  VIRTUAL STORAGE ALLOCATION FAILED, MACRO (macro_name) RC=return_code

Explanation: There was not enough storage in the extended private area to build the NetView synergy interface (NSI) control tables. macro_name is the name of the supervisor macro that failed with return_code.

System Action: The NSI ends.

Operator Response: Notify your system programmer.

Programmer Response: When starting NSI, perform one of the following:
- Decrease the value of the number of sessions in the EXEC parameters
- Increase the value on the REGION parameter

See NPM Installation and Customization for information about determining the amount of virtual storage NSI requires.

FNM557E  COMMON STORAGE ALLOCATION FAILED, MACRO (macro_name) RC=return_code

Explanation: There was not enough storage in the common storage area (CSA) to build the NetView synergy interface (NSI) control tables. macro_name is the name of the supervisor macro that failed with return_code.

System Action: The NSI ends.

Operator Response: Notify your system programmer.
Programmer Response: Update the CSA parameter in the IEASYSxx member in SYS1.PARMLIB to increase the size of the extended CSA.

FNM558E NSI SUBSYSTEM COMMUNICATION VECTOR TABLE MISSING
Explanation: The subsystem entry for the NetView synergy interface (NSI) could not be found in the system control blocks that were initialized when the system was started.
System Action: The NSI ends.
Operator Response: Notify your system programmer.
Programmer Response: Update the member IEFSSNxx in SYS1.PARMLIB to include a record for the NSI subsystem. Re-IPL the system.

FNM559E CROSS MEMORY AUTHORIZATION/LINKAGE MACRO FAILED, MACRO (macro_name) RC=return_code
Explanation: The NetView synergy interface (NSI) could not initialize the program call linkages. NSI uses these linkages to process requests in the NSI address space.
System Action: The NSI ends.
Operator Response: Notify your system programmer.
Programmer Response: See NPM Diagnosis for a list of the documentation you should gather before contacting Customer Support.

FNM560E EXEC PARAMETERS NOT VALID
Explanation: The NetView synergy interface (NSI) execution parameters are not valid.
System Action: The NSI ends.
Operator Response: Notify your system programmer.
Programmer Response: Correct the EXEC parameters used to start the NSI. See NPM Installation and Customization for information about the NSI start parameters.

FNM561E NSI SUBSYSTEM TERMINATED ABNORMALLY
Explanation: The NetView synergy interface (NSI) detected an abnormal end request.
System Action: The NSI continues to end.
Operator Response: Notify your system programmer.
Programmer Response: See NPM Diagnosis for a list of the documentation you should gather before contacting Customer Support.

FNM562E NSI ESTAE FAILED, RC=return_code
Explanation: A request to establish an abnormal end exit failed. return_code is the return code from ESTAE supervisor service.
System Action: NSI ends.
Operator Response: Notify your system programmer.
Programmer Response: See NPM Diagnosis for a list of the documentation you should gather before contacting Customer Support.

FNM563W NSI HAS NOT BEEN LOADED
Explanation: The NetView synergy interface (NSI) was not initialized.
System Action: The session collection continues.
Operator Response: You should start NSI and restart NPM.
Programmer Response: If the operator response does not solve the problem, see NPM Diagnosis for a list of the documentation you should gather before contacting Customer Support.

FNM580I VTAM STATISTICS COLLECTION NOT ENABLED ON TARGET NPM
Explanation: A VTAM collection command was issued to an NPM for which VTAM statistics was not enabled. No VTAM commands can be processed.
System Action: The command fails.
Operator Response: Check the host name. If it is correct, notify your system programmer.
Programmer Response: Correct the FNMINIT data set in order to have in the NPM statement both VTAMCOLL=YES and, if you have redefined the task statements, a task statement for FNMVDC00. Then, stop and restart NPM on the target host system.

FNM581I UNABLE TO COLLECT DATA FROM VTAM
Explanation: A collection command failed because NPM was unable to collect the initial counter values from VTAM.
System Action: The command fails.
Operator Response: Retry the command. If the problem persists, notify your system programmer.
Programmer Response: Check the system definitions for NPM and VTAM. Particular attention should be taken to definitions that permit the NPM address space to access the VTAM address space cross-memory.
### FNM582I
**VTAM COUNTERS HAVE APPARENTLY BEEN RESET. RECORD FOR RESOURCE resource_name WAS ADJUSTED.**

**Explanation:** When counters that are supposed to increase steadily suddenly appear to return to zero, they probably were reset by the user during the interval. NPM adjusts the counter values to minimize the disruption in the normal data, and continues processing.

**System Action:** Processing continues after the counters are adjusted.

**Operator Response:** None.

**Programmer Response:** Instruct operators to not reset the VTAM counters to prevent this message from being generated.

---

### FNM583I
**COMMAND FOR RESOURCE resource_name FAILED BECAUSE RESOURCE DELETED**

**Explanation:** A VTAM or NetWare collection command was received for a resource that has been deleted since NPM last refreshed its view of the VTAM or NetWare configuration.

**System Action:** The command fails.

**Operator Response:** Reactivate the resource or reissue the command if the resource is now available.

**Programmer Response:** None.

---

### FNM584I
**THE COMMAND FAILED FOR RESOURCE resource_name BECAUSE NO VALID DESTINATIONS SPECIFIED**

**Explanation:** A VTAM collection command was received for which none of the specified destinations are valid on the target NPM.

**System Action:** The command fails.

**Operator Response:** Reissue the command using destinations that are valid on the target NPM.

**Programmer Response:** None.

---

### FNM585I
**THE COMMAND FAILED FOR RESOURCE resource_name BECAUSE NO VALID EXCEPTION DESTINATIONS SPECIFIED**

**Explanation:** A VTAM collection command was received that specified one or more monitors, and none of the specified exception destinations are valid on the target NPM.

**System Action:** The command fails.

**Operator Response:** Reissue the command using destinations that are valid on the target NPM, or without the monitors.

**Programmer Response:** None.

---

### FNM586I
**THE COMMAND FAILED BECAUSE NPM IS TERMINATING**

**Explanation:** NPM is in the process of ending. No commands are accepted during this process.

**System Action:** The command fails.

**Operator Response:** Reissue the command after NPM is restarted.

**Programmer Response:** None.

---

### FNM587I
**NPM IS NOT RUNNING UNDER AUTHORIZATION MODE: VTAM STATISTICS CANNOT PROCEED FURTHER**

**Explanation:** NPM is not authorized to operate under MVS. NPM requires FNMMAIN to be APF-authorized and execute in VTAM’s key 6.

**System Action:** NPM ends. VTAM STATISTICS is not initialized.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Check the authorization of the other libraries. Provide the correct authorized environment through the primary-program operator interface task (PPT).

---

### FNM588E
**PMI KEYWORD MISSING**

**Explanation:** The ACB name was not specified on the PMI keyword in FNMINIT.

**System Action:** VTAM statistics is not initialized.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Stop NPM, specify the ACB name in FNMINIT, and restart NPM.

---

### FNM590W
**VTAM COLLECTION INTERFACE INACTIVATED**

**Explanation:** The PMI exit has been deactivated.

**System Action:** VTAM statistics is suspended.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Reactivate the PMI exit.

---

### FNM591I
**VTAM COLLECTION INTERFACE REACTIVATED**

**Explanation:** The PMI exit has been reactivated.

**System Action:** VTAM statistics will restart.

**Operator Response:** None.

**Programmer Response:** None.
**FNM592E** PMI INITIALIZATION FAILED

SC=sense_code

**Explanation:** NPM failed to initialize the PMI exit.

**System Action:** VTAM statistics is not initialized.

**Operator Response:** None.

**Programmer Response:** Check the sense_code in the sense code table to determine the problem.

---

**FNM599W** KEYWORD keyword_name IS NOT VALID

**Explanation:** keyword_name is not valid for the statement.

**System Action:** NPM ignores the keyword and processes the next keyword in the statement.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Remove keyword_name from the statement. See NPM Installation and Customization for the correct syntax of the statement.

---

**FNM600E** COMMAND command_name IS NOT VALID

**Explanation:** The command entered from the console or by EXEC is not defined to NPM.

**System Action:** NPM does not process the command.

**Operator Response:** None.

---

**FNM601E** STATEMENT statement_name IS UNKNOWN

**Explanation:** statement_name is not defined in the set of statements.

**System Action:** NPM discards the entire statement.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Correct statement_name or move it to the appropriate set of statements. See NPM Installation and Customization for the correct syntax of the statement.

---

**FNM602E** MISSING REQUIRED POSITIONAL VARIABLE variable_number

**Explanation:** A positional variable on the command or statement was missing.

**System Action:** NPM stops processing the statement at the first keyword.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Correct the statement or command by supplying the required positional variable. See NPM Installation and Customization for the correct syntax.

---

**FNM603E** KEYWORD keyword_name IS UNKNOWN

**Explanation:** keyword_name is not valid for the statement.

**System Action:** NPM stops processing the statement at the keyword that is not valid.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Correct keyword_name or reposition the keyword and its parameters to correct the statement. See NPM Installation and Customization for the correct syntax of the statement.

---

**FNM604E** keyword_name IS NOT A KEYWORD

**Explanation:** The syntax of keyword_name requires an equal sign (=) after the keyword name.

**System Action:** NPM stops processing the statement at the incorrect keyword.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Correct the syntax of the statement by adding an equal sign after the keyword. See NPM Installation and Customization for the correct syntax of the statement.

---

**FNM605E** keyword_name IS A REQUIRED KEYWORD

**Explanation:** The syntax of the statement or console command requires keyword_name.

**System Action:** NPM does not process the statement or console command.

**Operator Response:** Verify the syntax of a console command. Console commands are described in the NPM User’s Guide. Notify your system programmer for problems with statements.

**Programmer Response:** Add the required keyword to the statement. See NPM Installation and Customization for the correct syntax of the statement.

---

**FNM606E** KEYWORD keyword_name SPECIFIED MORE THAN ONCE

**Explanation:** keyword_name was used more than once on the statement. A duplicate alias can also cause this message to appear.

**System Action:** NPM stops processing the statement at the duplicate keyword.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Remove the duplicate keyword and its parameters from the statement, or, if possible, add the parameters to the previous keyword. You should also check aliases for possible duplications. See NPM Installation and Customization for the correct syntax of the statement.
FNM607E KEYWORD keyword_name MISSING REQUIRED POSITIONAL VARIABLE

Explanation: The positional variable for keyword_name is missing.

System Action: NPM stops processing the statement at the missing keyword variable.

Operator Response: Notify your system programmer.

Programmer Response: Correct the statement by supplying the required positional variable. See NPM Installation and Customization for the correct syntax of the statement.

FNM608E TOO MANY VARIABLES FOR KEYWORD keyword_name

Explanation: More parameters were specified than defined for keyword_name.

System Action: NPM stops processing the statement at the incorrect keyword.

Operator Response: Notify your system programmer.

Programmer Response: Remove the extra variables. See NPM Installation and Customization for the correct syntax of the statement.

FNM609E SYNTAX OF STATEMENT AFTER string IS NOT VALID

Explanation: The required delimiter in the syntax statement is missing. The variable string is the start of the string containing the bad delimiter.

System Action: NPM stops processing the statement.

Operator Response: Notify your system programmer.

Programmer Response: Add the required delimiter to correct the statement. See NPM Installation and Customization for the correct syntax of the statement.

FNM610E STATEMENT CONTAINS TOO MANY VARIABLES

Explanation: There are too many positional parameters in the statement.

System Action: NPM does not process the statement.

Operator Response: Notify your system programmer.

Programmer Response: Remove the additional positional parameters. See NPM Installation and Customization for the correct syntax of the statement.

FNM611E statement_string IS A STRING SEGMENT THAT IS NOT VALID

Explanation: The statement contains a string segment that is not valid.

System Action: NPM stops processing the statement.

Operator Response: Notify your system programmer.

Programmer Response: Correct the statement by supplying a valid string segment. See NPM Installation and Customization for the correct syntax of the statement.

FNM612E NULL STRING SEGMENT FOUND

Explanation: A zero-length string segment was found, possibly because of incorrect delimiters.

System Action: NPM stops processing the statement.

Operator Response: Notify your system programmer.

Programmer Response: Correct the statement by supplying a valid string segment. See the NPM Installation and Customization and NPM User’s Guide for the correct syntax of the statement.

FNM613E keyword_name IS A KEYWORD VALUE THAT IS NOT VALID

Explanation: keyword_name is not a valid NPM parameter or operand.

System Action: For statements that can be used more than once (such as APPL and PROFILE), NPM ignores the entire statement. For statements that can be used only once (such as PFKEYS and NPM), NPM stops processing the rest of the statement and uses the default operand values for all remaining parameters. NPM then continues processing the next statement. See NPM Installation and Customization for more information.

Operator Response: Save the FNMILOG and SYSPRINT data sets. Notify your system programmer.

Programmer Response: Review the FNMILOG and SYSPRINT data sets to find the message. See NPM Diagnosis for information about diagnosing problems using the FNMILOG and SYSPRINT data sets. See NPM Installation and Customization for the correct operands and parameters to use for the statement.

FNM614E numeric_string IS A NUMERIC STRING THAT IS NOT VALID

Explanation: The parameter can contain only characters 0 through 9 and one period.

System Action: NPM stops processing the statement.

Operator Response: Notify your system programmer.

Programmer Response: Correct the numeric parameter. See NPM Installation and Customization for the correct operands and parameters to use for the statement.
FNM615E  numeric_parameter IS NOT WITHIN SPECIFIED LIMIT
Explanation: The numeric limit for this parameter was exceeded.
System Action: NPM stops processing the statement.
Operator Response: Notify your system programmer.
Programmer Response: Enter a valid numeric parameter. See NPM Installation and Customization for the correct operands and parameters to use for the statement.

FNM616E  character_parameter IS TOO LONG
Explanation: The character limit for this parameter was exceeded.
System Action: NPM stops processing the statement.
Operator Response: Notify your system programmer.
Programmer Response: Reenter the parameter with the correct number of characters. See NPM Installation and Customization for the correct operands and parameters to use for the statement.

FNM617E  character_string IS A NAME PARAMETER THAT IS NOT VALID
Explanation: One or both of the following conditions occurred:
For NPM parameter:
■ Another character in the string is not alphanumeric.
■ The first character of the string does not start with a letter from A to Z or with a national character (@, #, $).
For NetWare parameter, valid characters are alphanumerics, dashes, and underscores.
System Action: NPM stops processing the statement.
Operator Response: Notify your system programmer.
Programmer Response: Verify that the characters are correct. See NPM Installation and Customization for the correct operands and parameters to use for the statement.

FNM618E  time_value PARAMETER IS NOT VALID
Explanation: The format used for time_value differs from that specified in this NPM. The acceptable time parameter is: HH.MM.SS. The allowable values for the hours, minutes, and seconds are:
HH 0 to 23
MM 0 to 59
SS 0 to 59
System Action: NPM stops processing the statement.
Operator Response: Notify your system programmer.
Programmer Response: Correct the time parameter.

FNM619E  hex_string IS NOT A VALID HEXADECIMAL VALUE
Explanation: A character in a hexadecimal string was not A to F or 0 to 9.
System Action: NPM stops processing the statement.
Operator Response: Notify your system programmer.
Programmer Response: Correct the string. See NPM Installation and Customization and proceed accordingly.

FNM620E  MISSING CONTINUATION RECORD
Explanation: The end of the data is reached, but the last logical record indicated that the last statement would continue.
System Action: NPM does not process the statement.
Operator Response: Notify your system programmer.
Programmer Response: Remove the continuation request or supply the missing information.

FNM621E  STATEMENT IS TOO LONG
Explanation: The maximum length for a statement is 1980 significant characters.
System Action: NPM does not process the statement.
Operator Response: Notify your system programmer.
Programmer Response: Reduce the size of the statement.

FNM622E  SYNTAX ON STATEMENT IS NOT VALID
Explanation: The statement was not recognized.
System Action: NPM does not process the statement.
Operator Response: Notify your system programmer.
Programmer Response: Verify the parameters and correct the statement.

FNM623W  parameter_name PARAMETER IGNORED
Explanation: parameter_name is not valid in this release of NPM.
System Action: NPM ignores the parameter.
Operator Response: Notify your system programmer.
Programmer Response: Remove the keyword and parameter from the statement.
**FNM624E** DATE character_string PARAMETER IS NOT VALID

**Explanation**: While scanning the parameter for the date value, a syntax error in the date parameter was found. The correct syntax is YYY/MM/DD. The allowable values for year, month, and day are:

- **YYY**: 080 to 099 for years in 1900
- **100 to 130** for years in 2000
- **MM**: 01 to 12
- **DD**: 01 to 31

**System Action**: NPM stops processing the current statement.

**Operator Response**: Notify your system programmer.

**Programmer Response**: Correct the date parameter.

---

**FNM625W** MULTIPLE DEFINITIONS FOR statement STATEMENT, FIRST STATEMENT FOUND WILL BE USED

**Explanation**: You can specify some of the statements in FNMINIT only once. This message is issued if a statement that should only be specified one time, is specified more than once.

**System Action**: Processing continues. The first definition of the specified statement is used.

**Operator Response**: None.

**Programmer Response**: None.

---

**FNM626E** character_parameter IS TOO SHORT

**Explanation**: The parameter you typed is not complete.

**System Action**: NPM stops processing the statement.

**Operator Response**: Notify your system programmer.

**Programmer Response**: Reenter the parameter with the correct number of characters. See NPM Installation and Customization for the correct operands and parameters to use for the statement.

---

**FNM627I** PARAMETER IPADDR ipaddress_value IS NOT VALID

**Explanation**: The format used for the value in the IPADDR parameter differs from the format used in this occurrence of NPM. A valid ipaddress_value is an IP address string truncated by the wildcard character asterisk (*).

**System Action**: NPM stops processing the statement.

**Operator Response**: Notify your system programmer.

**Programmer Response**: Correct the IPADDR parameter.

---

**FNM632E** RESOURCE resource_name DUPLICATED IN resource_name, STATEMENT statement_number

**Explanation**: resource_name is a duplicate of another resource in the HOST, CDRM, or APPL initialization statement or NCP command. The message indicates the statement or command in which the resource was originally defined. NPM requires that all resource names be unique.

**System Action**: NPM ignores the initialization statement or the command that contains the duplicate resource.

**Operator Response**: Notify your system programmer.

**Programmer Response**: Correct the IPADDR parameter.

---

**FNM633E** CDRM cdrm_name WAS NOT FOUND FOR APPLICATION application_name

**Explanation**: A cross-domain resource manager (CDRM) definition was not found for application_name.

**System Action**: NPM does not process the application initialization statement.

**Operator Response**: Notify your system programmer.

**Programmer Response**: Verify the spelling of the CDRM name. Enter a CDRM statement for the missing CDRM.

---

**FNM634T** VTAM APPLID NOT SPECIFIED

**Explanation**: The required VTAM application name was not supplied on the VTAM initialization statement.

**System Action**: NPM ends after processing the remaining initialization statements.

**Operator Response**: Notify your system programmer.

**Programmer Response**: Enter a valid VTAM application name for NPM.

---

**FNM635W** BOUNDARY VALUES NOT ASCENDING–DEFAULTS USED

**Explanation**: The BOUNDARY values on the THRESHOLD initialization statement are not in ascending order.

**System Action**: NPM replaces the values with the defaults: 5, 10, 20, and 30.

**Operator Response**: Notify your system programmer.

**Programmer Response**: Rearrange the parameters in ascending order.
<table>
<thead>
<tr>
<th>Code</th>
<th>Message Description</th>
<th>Explanation</th>
<th>System Action</th>
<th>Operator Response</th>
<th>Programmer Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>FNM636W</td>
<td><strong>HIGH AND LOW TRANSIT THRESHOLDS INVERTED</strong></td>
<td>The operator, host, or network set of values for the THRESHOLD initialization statement are not in ascending order.</td>
<td>NPM places the low value first, followed by the higher value.</td>
<td>Notify your system programmer.</td>
<td>Correct the statement so that the parameters are in ascending order.</td>
</tr>
<tr>
<td>FNM637W</td>
<td><strong>BASE INTERVAL TOO LOW - RESET TO 25 SECONDS</strong></td>
<td>The value of the INTERVAL keyword indicates a base interval that is less than 25 seconds. NPM cannot execute correctly with such a small interval.</td>
<td>NPM resets the interval to 25 seconds.</td>
<td>Notify your system programmer.</td>
<td>Change the NPM base interval to a value of 25 seconds or greater.</td>
</tr>
<tr>
<td>FNM638W</td>
<td><strong>SESSINT NUMBER TOO HIGH - RESET TO 1</strong></td>
<td>The value of the SESSINT keyword specified in the NPM initialization statement is too big. This value is used by NPM to calculate the width of the session interval as follows: session interval = base interval * sessint The session interval cannot exceed 24 hours.</td>
<td>NPM resets the SESSINT to be 1. So the session interval is equal to one base interval.</td>
<td>Notify your system programmer.</td>
<td>Change the SESSINT to a value that multiplied for the base interval does not exceed 24 hours.</td>
</tr>
<tr>
<td>FNM639W</td>
<td><strong>BASE INTERVAL TOO HIGH - RESET TO 225 SECONDS</strong></td>
<td>The value of the INTERVAL keyword specified in the NPM initialization statement is too big. This value is used by NPM to calculate the seven collection intervals (for Network, VTAM, NetWare) as follows: interval(i) = base interval * 2***(i-1) The seventh interval cannot exceed 24 hours.</td>
<td>NPM resets the INTERVAL to be (225,sec).</td>
<td>Notify your system programmer.</td>
<td>Change the INTERVAL to a lesser value.</td>
</tr>
<tr>
<td>FNM640E</td>
<td><strong>RESOURCE resource_name PREVIOUSLY DEFINED</strong></td>
<td>resource_name has been previously defined. Duplicate resource names are not supported by NPM.</td>
<td>NPM discards the duplicate resource definition.</td>
<td>Notify your system programmer.</td>
<td>Remove the definition of the duplicate resource. All resources in the network must have a unique name.</td>
</tr>
<tr>
<td>FNM641W</td>
<td><strong>PROFILE profile_definition NOT FOUND FOR USER userid</strong></td>
<td>The OPERATOR initialization statement defined a valid profile for this operator ID, but NPM cannot locate profile_definition.</td>
<td>NPM continues the definition of the operator but does not access the profile.</td>
<td>Notify your system programmer.</td>
<td>Add the definition of the profile to the profile member or remove the reference to the profile from the OPERATOR statement. Ensure that the profile name is not used as the name of some other resource that was defined to NPM.</td>
</tr>
<tr>
<td>FNM642E</td>
<td><strong>SUBAREA subarea_number DUPLICATED IN resource_name, STATEMENT statement_number</strong></td>
<td>subarea_number was used by the HOST statement or another CDRM statement or NCP command. You can use only unique subarea numbers for nodes defined for session collection in any one NPM host.</td>
<td>NPM discards the statement.</td>
<td>Notify your system programmer.</td>
<td>If the message is produced for an NCP command and the NCP resources are not used for session collection, code SESSCOLL=NO on the NCP command. Unique subarea numbers are required for all HOST and CDRM initialization statements and NCP commands that are defined for session collection.</td>
</tr>
<tr>
<td>FNM643E</td>
<td><strong>SYNMASK mask_value IS NOT VALID</strong></td>
<td>The character string used to generate synonym application names is not valid. The mask name contains either less than two or too many numeric digits.</td>
<td>NPM does not generate synonym names.</td>
<td>Notify your system programmer.</td>
<td></td>
</tr>
</tbody>
</table>
Programmer Response: Remove the SYNMASK keyword from the APPL statement or issue a valid mask name. See *NPM Installation and Customization* for the correct syntax of the statement.

**FNM644I** THERE ARE *number_of_resources* RESOURCES THAT MATCH GENERIC *mask_value*

Explanation: The *mask_value* specified in the GENERIC command has *number_of_resources* matches.

System Action: NPM continues processing.

Operator Response: If the number of resources is zero, notify your system programmer.

Programmer Response: If no resources match the GENERIC character string, verify the string.

**FNM645E** LUMASK *lu_mask* IS NOT VALID

Explanation: The syntax of an LU group mask was invalid, and the LU names cannot be generated by NPM.

System Action: The LU names that should be generated by the mask will not be defined in the LU group.

Operator Response: Notify your system programmer.

Programmer Response: Correct the syntax of the mask in the LU group definition member.

**FNM646W** BACKUP NPALU *npalu_name* IS NOT DEFINED IN *ncp_name*

Explanation: The NCP command specified a backup NPALU name that is not defined to NCP.

System Action: NPM does not process the operand.

Operator Response: Notify your system programmer.

Programmer Response: Verify that the NCP generation used a valid NPALU name.

**FNM647W** LINE SPEED FOR *line_name* IS NOT DEFINED OR DEFINED INCORRECTLY

Explanation: Either the LINE command for *line_name* does not specify a line speed parameter or the speed defined is too low.

System Action: NPM does not calculate the line use for network collections or monitors. NPM sets the line speed to zero (0).

Operator Response: Notify your system programmer.

Programmer Response: If required, either specify the SPEED or NPM.SPEED on the NCP LINE command and redefine the NCP to NPM, or add an NPM LINE command to FNMSCMDS with the SPEED parameter.

**FNM650T** NO PANEL DATA SETS DEFINED

Explanation: Panel data sets are not defined or initialized. Without panel data sets, terminal support is denied.

System Action: NPM ends.

Operator Response: Notify your system programmer.

Programmer Response: Verify that the MVS JCL includes definitions for FNMSPLNx data sets. Also verify that the FNMLNLSox load modules are correctly installed. If there are no FILE statements, then you should define FNMSPLN0. See messages FNM651E and FNM652E for more information.

**FNM651E** LOAD FAILED FOR NLS TABLE *nls_table_name*

Explanation: The National Language Support (NLS) Feature table could not be loaded into storage.

System Action: NPM continues without the NLS table. If NLS tables are not successfully initialized, NPM issues message FNM650T and ends.

Operator Response: Notify your system programmer.

Programmer Response: Verify that the FILE statements for FNMSPLNx reference an installed NLS feature. Verify that the correct NLS tables are installed in the load module library. The NAME parameter of the FILE statement must match the name of the NLS table load module. Check the operator console for any operating system messages indicating the cause of the load failure.

**FNM652E** NLS TABLE *nls_table_name* IS INCORRECTLY GENERATED

Explanation: The National Language Support (NLS) Feature table either was generated from a previous release or was link-edited incorrectly.

System Action: NPM stops processing for the NLS table. If panel data sets are not valid, NPM issues message FNM650T and ends.

Operator Response: Notify your system programmer.

Programmer Response: Check the NLS table to ensure that it was generated properly. This message can occur if the module was not link-edited with the correct entry point or if the message table was not included in the link-edit of the NLS table.

**FNM654T** INSUFFICIENT STORAGE FOR PANEL INITIALIZATION

Explanation: There is not enough virtual storage to complete panel initialization.

System Action: NPM ends.

Operator Response: Notify your system programmer.

Programmer Response: Consider increasing the region size for NPM. Decrease the PNLBUF value on the BUFFERS...
initialization statement. The amount of storage is determined by multiplying the number of panel data sets by the PNLBUF value.

**FNM655E**  
*language* IS NOT SUPPORTED FOR YOUR TERMINAL

**Explanation:** *language* is not defined to NPM through its National Language Support (NLS) Feature tables or is a language not supported at your terminal. For example, you might have attempted to use a double-byte character set (DBCS) language, such as Japanese, at a terminal that does not support this character set.

**System Action:** NPM does not switch to the national language you selected.

**Operator Response:** Select a national language that is supported by your terminal or logon to NPM with a terminal that supports the selected language.

**Programmer Response:** Check the NLS table to ensure that it was generated properly. This message can occur if the module was not link-edited with the correct entry point or if the message table was not included in the link-edit of the NLS table.

**FNM656E** GRAPhICS INITIALIZATION FAILED,  
**RC=**return_code

**Explanation:** The graphics initialization routine failed to set up the control blocks needed to process requests for the graphics monitor.

**System Action:** NPM continues initialization but rejects requests from the graphic subsystem. The following list describes the possible return codes:

<table>
<thead>
<tr>
<th>Return Code</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>04</td>
<td>Function requested is not valid</td>
</tr>
<tr>
<td>08</td>
<td>Multiple initializations attempted</td>
</tr>
<tr>
<td>12</td>
<td>Must be in extended control (EC) mode (VM only)</td>
</tr>
<tr>
<td>16</td>
<td>Communication disabled</td>
</tr>
<tr>
<td>20</td>
<td>Insufficient storage</td>
</tr>
<tr>
<td>24</td>
<td>ESTAE/ABNEXIT failed</td>
</tr>
<tr>
<td>28</td>
<td>SET extended exit failed</td>
</tr>
<tr>
<td>32</td>
<td>Communication is not initialized</td>
</tr>
<tr>
<td>36</td>
<td>Request is outstanding</td>
</tr>
<tr>
<td>40</td>
<td>NPM has ended</td>
</tr>
<tr>
<td>44</td>
<td>No request is outstanding</td>
</tr>
<tr>
<td>52</td>
<td>Graphics ID is not valid</td>
</tr>
<tr>
<td>68</td>
<td>Graphics initialization has aborted; IGX00041 was not installed in SYS1.LPALIB</td>
</tr>
</tbody>
</table>

**FNM660W** NO FILE SERVICE TASKS DEFINED,  
UNSOLICITED DATA NOT AVAILABLE

**Explanation:** There are no TASK statements defined for program FNMFST00.

**System Action:** NPM does not log any data to session, review, NPMLOG, VTAMLOG, or SMF data sets. Communication between NPM and NPM’s Console interface is partially disabled.

**Operator Response:** Notify your system programmer.

**Programmer Response:** If you desire data logging, add one or more TASK statements for program FNMFST00. See *NPM Installation and Customization* for more information about the TASK initialization statement.

**FNM661E**  
**function_name** FAILED FOR **file_name**,  
**RC=**return_code

**Explanation:** **function_name** failed for **file_name**.

**System Action:** NPM does not log the data to the file or any related files.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Determine the cause of the VSAM failure. See the appropriate VSAM programming manuals for descriptions of the return codes.

**FNM662I**  
**file_name** IS NOW RECORDING ON **data_setvolume**

**Explanation:** The data is now recorded in **file_name** using **data_setvolume**. For the system management facility (SMF), the volume name is SMF ID.

**System Action:** None.

**Operator Response:** None.

**Programmer Response:** None.

**FNM663I**  
**file_name** DATA SET FILLED AT **datetime**

**Explanation:** The data set specified for the collected data is full.

**System Action:** NPM attempts to switch to the next available data set.

**Operator Response:** Dump the data set that is full. Follow your site procedures for dumping or archiving data sets, or notify your system programmer. Prepare the file for reuse by
using the Data File Display and Management panel to reset the
data set. See NPM Operation for additional information about
managing data files.

**Programmer Response:** If the data sets are being filled too
quickly, consider reducing the amount of collected data or
increasing the size of the data sets. See NPM Installation and
Customization for information about dumping BSAM files
using the NPM exit routine and for archiving and building
VSAM files.

---

**FNM664E**  
**file_name RECORDING ERROR,**  
**CODE=return_code**

**Explanation:** The system management facility (SMF) failed to
write a record to the SMF data set. Return code 48 indicates
that NPM encountered an unauthorized condition.

**System Action:** NPM discards the record, or if the return code
is 48, NPM issues message FNM329T and ends.

**Operator Response:** Check the status of SMF recording and
notify your system programmer.

**Programmer Response:** Investigate the cause of return_code.
If the return code is 48, see message FNM329T. You can also
see the appropriate SMF publication for a description of the
return codes.

---

**FNM665E**  
**RECORDING SUSPENDED FOR ddname**

**Explanation:** NPM can no longer write to this file.

**System Action:** NPM discontinues writing records to this file.

**Operator Response:** Dump the data set. Follow your site
procedures for dumping or archiving data sets, or notify your
system programmer. Prepare the file for reuse by using the Data
File Display and Management panel to reset the data set. See
the NPM User’s Guide for additional information about
managing data files.

**Programmer Response:** Verify that files with
ISTATUS=LOCK have an UNLOCK status. See NPM
Installation and Customization for information about dumping
BSAM files using the NPM exit routine and for archiving and
building VSAM files.

---

**FNM666E**  
**file_name IS NOT SUPPORTED FOR FILE SERVICES**

**Explanation:** The file is not on a direct access or tape device.

**System Action:** NPM does not use the file.

**Operator Response:** Verify the data set is allocated to a valid
device.

**Programmer Response:** None.

---

**FNM667W**  
**file_name IS NOT AVAILABLE**

**Explanation:** The data set defined by the file is not allocated
in OS/MVS JCL or VM/GCS EXEC. Write access is
unavailable to this file, or the file has a LOCKED status.

**System Action:** NPM continues without the file.

**Operator Response:** Check the allocation of the data set.

**Programmer Response:** If the file is not defined, remove the
FILE initialization statement.

---

**FNM668E**  
**file_name IS NOT EMPTY**

**Explanation:** The direct access data set is not empty. NPM
records data only in an empty BSAM data set.

**System Action:** NPM does not write over this file.

**Operator Response:** Use DISP=MOD with the definition of
the data set or reset the data set so it is empty.

**Programmer Response:** Add a procedure to dump and reset
the data sets before starting NPM.

---

**FNM669E**  
**OPEN COMPLETED FOR data_set**  
**WITH RC=return_code**

**Explanation:** data_set could not be opened by the system
OPEN routines.

**System Action:** NPM uses the next data set defined for
recording data unless return code 116 or 118 is issued. These
two return codes are warning errors.

**Operator Response:** Notify your system programmer

**Programmer Response:** Verify that the data set is allocated
correctly and is defined correctly in your NPM startup
procedure. See NPM Installation and Customization for more
information.

---

**FNM670W**  
**NO NPM OPERATORS WERE DEFINED**

**Explanation:** The member containing operator definitions was
not found or did not contain valid operator statements.

**System Action:** NPM continues processing, but operators are
not allowed to log on.

**Operator Response:** Restart NPM when the member is
corrected.

**Programmer Response:** See NPM Installation and
Customization for the correct syntax of the OPERATOR
statements.
**FNM671W**  
**NO NPM PROFILES WERE DEFINED**

**Explanation:** The member containing profile definitions was not found or did not contain valid PROFILE statements.

**System Action:** NPM continues processing, but operators are not allowed to log on.

**Operator Response:** Restart NPM when the member is corrected.

**Programmer Response:** See *NPM Installation and Customization* for the correct syntax of the PROFILE statements.

---

**FNM673E**  
**FUNCTION function_name NOT SUPPORTED FOR FILE file_name**

**Explanation:** *function_name*, for example RESET or SWITCH, is not supported for *file_name*.

**System Action:** NPM makes no change to the data file.

**Operator Response:** Choose a valid function for this file.

**Programmer Response:** None.

---

**FNM674I**  
**ALERT INTERFACE IS NOW OPEN**

**Explanation:** The alert interface is now sending alerts to the NetView program.

**System Action:** None.

**Operator Response:** None.

**Programmer Response:** None.

---

**FNM676E**  
**file_request FAILED FOR file_name, RC=return_code**

**Explanation:** A data management file request failed for *file_name*. If the file is VSAM, *return_code* is one of the following:

<table>
<thead>
<tr>
<th>Return Code</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>04</td>
<td>An incorrect zero record was found in the intended data set.</td>
</tr>
<tr>
<td>08</td>
<td>The data set was found closed during close processing. The requested function is not supported.</td>
</tr>
<tr>
<td>12</td>
<td>An attempt was made to perform a temporary close for a file other than the primary file, or to reset an open primary data set.</td>
</tr>
<tr>
<td>16</td>
<td>No eligible data set was found, therefore recording is suspended.</td>
</tr>
<tr>
<td>24</td>
<td>An attempt was made to reset a data set that is defined as USE=READONLY.</td>
</tr>
<tr>
<td>28</td>
<td>There was an error opening the access method control block (ACB).</td>
</tr>
<tr>
<td>32</td>
<td>Unknown I/O error.</td>
</tr>
</tbody>
</table>

If the file is a sequential data set, *return_code* is one of the following:

<table>
<thead>
<tr>
<th>Return Code</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>04</td>
<td>The data set was found closed during close processing.</td>
</tr>
<tr>
<td>08</td>
<td>The requested function is not supported.</td>
</tr>
<tr>
<td>12</td>
<td>An error was found in switch or reset processing.</td>
</tr>
</tbody>
</table>

**System Action:** NPM does not process the command.

**Operator Response:** Verify that no other resources are defined using this name.

**Programmer Response:** See the Diagnostic Procedure Flowchart in *NetView Performance Monitor Diagnosis* and proceed accordingly.

---

**FNM677W**  
**NO file_type FILES WERE DEFINED TO NPM**

**Explanation:** NPM found no FILE statements for *file_type*.

**System Action:** NPM continues operation without the files and resets the parameters that were coded for the data destination.

**Operator Response:** Notify your system programmer.

**Programmer Response:** If the FILE statements are in error, correct the statements and restart NPM.

---

**FNM680E**  
**transaction_program_name IS A DUPLICATE TRANSACTION PROGRAM**

**Explanation:** While building an NPM list of transaction programs, a duplicate program name was found. NPM uses transaction programs to execute processes that run in this copy of NPM and for NPM-to-NPM processes.

**System Action:** NPM does not process the transactions with this name.

**Operator Response:** Verify that no other resources are defined using this name.

**Programmer Response:** See the Diagnostic Procedure Flowchart in *NetView Performance Monitor Diagnosis* and proceed accordingly.

---

**FNM681E**  
**TOO MANY TRANSACTION PROGRAMS DEFINED**

**Explanation:** Too many transaction programs are defined by this NPM.

**System Action:** NPM defines up to a maximum of 48 programs. NPM continues processing.

**Operator Response:** Notify your system programmer.

**Programmer Response:** See the Diagnostic Procedure Flowchart in *NPM Diagnosis* and proceed accordingly.
FNM682E UNABLE TO LOAD module_name FOR TRANSACTION PROGRAM

Explanation: module_name is an unresolved external reference in the NPM FNMONL00 load module. NPM attempted to load the module for a transaction program, but the operating system was unable to locate it.

System Action: NPM continues without transaction_program_name.

Operator Response: Verify that NPM was link-edited correctly.

Programmer Response: See the Diagnostic Procedure Flowchart in NetView Performance Monitor Diagnosis and proceed accordingly.

FNM683W REFRESH GREATER THAN BASE - RESET TO BASE

Explanation: The value of the refresh interval keyword is greater than the base interval value.

System Action: NPM resets the refresh interval to the base interval value.

Operator Response: Notify your system programmer.

Programmer Response: Change the refresh interval to a value less than or equal to the NPM base interval.

FNM684W REFRESH CHANGED - MADE DIVISOR OF BASE

Explanation: The value of the REFRESH keyword has been changed to make it an even divisor of the NPM base interval.

System Action: NPM changes the refresh interval.

Operator Response: None.

Programmer Response: None.

FNM685W REFRESH INTERVAL TOO LOW - RESET TO 25 SECONDS

Explanation: The value of the REFRESH keyword indicates a refresh interval that is less than 25 seconds. NPM cannot execute correctly with such a small interval.

System Action: NPM resets the interval to 25 seconds.

Operator Response: Notify your system programmer.

Programmer Response: Change the REFRESH keyword to a value of 25 seconds or greater.

FNM686W VTAM sampling_interval SAMPLING INTERVAL SET TO NPM REFRESH INTERVAL

Explanation: If the VTAM sampling interval is larger than the refresh interval, this message is issued. The message contains one of the following variables.

Message Variable | SAMP Statement
-----------------|------------------
VIRTUAL ROUTE    | SAMPVVLW
RTP              | SAMPVVLW
DEVICE           | SAMPVMD
BUFFER POOL      | SAMPVMD
CSM              | SAMPVMD
ADDRESS SPACE    | SAMPVHI
APPLICATION      | SAMPVHI
APPN             | SAMPVHI
GLOBAL           | SAMPVHI
MNPS             | SAMPVHI

System Action: Sets the indicated VTAM sampling interval equal to the NPM refresh interval.

Operator Response: Notify your system programmer.

Programmer Response: Stop NPM, set the sampling interval in the keywords of the appropriate file in FNMINIT to less than or equal to the NPM refresh interval, and restart NPM.

FNM687I INTERVAL CHANGED

Explanation: The named command was accepted and processed.

System Action: NPM continues processing.

Operator Response: None.

Programmer Response: None.

FNM688W NO INTERVAL CHANGED

Explanation: An interval command was entered for a task that is not active. Possible cases:
- SESSINT modification with HOSTCOLL=NO
- VTAM sampling interval modification with VTAMCOLL=NO

System Action: NPM does not process the command.

Operator Response: Reissue the command after you start the related task.

Programmer Response: None.
1. NPM Host Messages

FNM699E SNMPACCT FUNCTION IS NOT ACTIVE IN THIS NPM

Explanation: The initialization file is set to SNMPACCT=NO or the FNMSNM00 task is not active.

System Action: NPM does not process the request.

Operator Response: Notify your system programmer.

Programmer Response: Ensure that the initialization file is set to SNMPACCT=YES, and check that the FNMSNM00 task has been initialized and it is active.

FNM700E SNMPTGT COMMAND CANNOT BE EXECUTED IN THIS NPM

Explanation: This instance of NPM is not available for network collection on routers.

System Action: NPM does not process the request.

Operator Response: Notify your system programmer.

Programmer Response: To execute SNMPTGT, ensure that the initialization file is set to SNMPACCT=YES and the FNMSNM00 task has been initialized.

FNM701E OPTION SELECTED IS NOT VALID

Explanation: The option specified is not supported.

System Action: NPM waits until the field in error is corrected.

Operator Response: Change the incorrect field or press the END key.

Programmer Response: None.

FNM702E A VALID IDENTIFIER MUST BE SPECIFIED

Explanation: An identifier name was not entered.

System Action: NPM sends the cursor back to the identifier field. NPM does not process this menu until a valid identifier is entered.

Operator Response: Enter a valid identifier.

Programmer Response: None.

FNM703E DATE/TIME QUALIFIER FORMAT ERROR

Explanation: An error occurred because of one of the following conditions:

- The start time is greater than or equal to the stop time for all collections other than VTAM. (The start time can be greater than the stop time for VTAM collections if the start date is greater than the stop date.)
- You have a blank or zero in the start time or the stop time, but not both.
- The start date is greater than the stop date.

System Action: NPM positions the cursor on the field in error and waits for the error to be corrected.

Operator Response: Correct the error and press ENTER or the END key.

Programmer Response: None.

FNM704E VR NUMBER IS OUTSIDE VALID RANGE

Explanation: The data entered in the identifier field for option 5, Virtual Route, is not within the valid range. Valid entries are 0 through 7. This message applies to either NPM or RTM Session Analysis Summary panels.

System Action: NPM sends the cursor back to the identifier field.

Operator Response: Enter a valid VR number.

Programmer Response: None.

FNM705E TP NUMBER IS VALID ONLY WHEN VR NUMBER IS SPECIFIED

Explanation: A TP qualifier was entered without a VR number. This message applies to either NPM or RTM Session Analysis Summary panels.

System Action: NPM sends the cursor back to the TP field.

Operator Response: Enter a valid combination of qualifier fields.

Programmer Response: None.

FNM706E A NODE NAME MUST BE ENTERED FOR LU lu_name

Explanation: lu_name is unknown to NPM. An LU name can be added but an owning node must be specified.

System Action: NPM does not process the command.

Operator Response: Reenter the command with the node name in the area provided.

Programmer Response: None.

FNM707E RESOURCE resource_name IS NOT THE SAME TYPE AS INDICATED IN THE OPTION FIELD

Explanation: Session collection was requested on a particular type of resource, LU, application, or NCP, but the name entered is not defined to NPM as that type.

System Action: NPM does not process the command.

Operator Response: Correct either the name or the type specification.

Programmer Response: None.
**FNM708E**  
**THE HIGH LEVEL RESOURCE IS NOT VALID FOR THE RESOURCE ENTERED**

**Explanation:** An error occurred because of one of the following conditions:

- The resource entered in the Node field is known to NPM but is not a valid high-level node.
- The resource entered in the Node field is an NCP with all its resources identified and is not a cross-domain node.
- NPM attempted to start collection on an NCP, but NPM knows this resource as a node, not as an NCP.
- This is not a high-level node, yet the LU points to its high level. This is a system error.

**System Action:** NPM does not process the command.

**Operator Response:** Identify which of the previous conditions applies and take the appropriate action. Notify your system programmer.

**Programmer Response:** Verify that the resource and high-level node are defined correctly in the NPM initialization statements. See *NPM Installation and Customization* for more information about defining resources.

---

**FNM709E**  
**ALL COLLECTION POINT BLOCKS IN THE NODES POOL ARE IN USE–COLLECTION CANNOT BE STARTED**

**Explanation:** In NPM, the node entered has a pool of available LU control blocks that is exhausted.

**System Action:** NPM does not process the request.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Increase the MAXL value for this node using the MAXL parameter in the CDRM or HOST statement or NCP command.

---

**FNM710E**  
**DATA COLLECTION NOT ACTIVE FOR ANY OF THE LUs DEFINED TO THIS NODE**

**Explanation:** A STOP or NETCOLL command was entered for a node that is not defined to NPM, and data collection has not started for any of the LUs defined to that node.

**System Action:** NPM ignores the request.

**Operator Response:** Start data collection for each LU defined to the node.

**Programmer Response:** None.

---

**FNM711E**  
**RESOURCE resource_name IS UNKNOWN TO THE SYSTEM, PLEASE RE-ENTER**

**Explanation:** resource_name is unknown to NPM.

**System Action:** NPM does not process the request.

**Operator Response:** Verify that resource_name is entered correctly. If the resource is an NCP or an NCP resource, verify that the NCP has not been deleted or replaced.

**Programmer Response:** Verify that resource_name has been correctly defined to NPM. See *NPM Installation and Customization* for more information about defining resources.

---

**FNM712E**  
**THERE ARE NO SESSION CONTROL BLOCKS FOR NODE node_name**

**Explanation:** Session control blocks are not available for node_name.

**System Action:** NPM does not process the request.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Increase the MAXL value for this node using the MAXL parameter in the CDRM or HOST statement or NCP command.

---

**FNM713E**  
**SESSION COLLECTION IS NOT VALID FOR THIS RESOURCE resource_name**

**Explanation:** resource_name was not available for session collection.

**System Action:** NPM does not process the request.

**Operator Response:** Notify your system programmer.

**Programmer Response:** If the resource should be available for session collection but is not, correct the initialization file.

---

**FNM714E**  
**SESSION COLLECTION IS NOT ACTIVE IN THIS NPM**

**Explanation:** This copy of NPM is not available for session collection.

**System Action:** NPM does not process the request.

**Operator Response:** Notify your system programmer.

**Programmer Response:** If session collection should be active in this NPM but is not, correct the initialization file.
FNM715E STOP COMMAND SHOULD BE USED TO STOP SESSION COLLECTION

Explanation: All session collection options were changed so that no data would be collected.

System Action: NPM redisplay the panel.

Operator Response: Use the STOP command to stop collection. You must change a collection option so that data is collected. Use the Alter command to either change SESSH to a value different than N, set a value for VLOG greater than 0, or set GTF=YES.

Programmer Response: None.

FNM716E THE HIGH THRESHOLD MUST BE GREATER THAN LOW THRESHOLD

Explanation: Thresholds for the component indicated by the cursor are not in ascending order.

System Action: NPM waits for the error to be corrected.

Operator Response: Enter the thresholds in the correct order.

Programmer Response: None.

FNM717E BOUNDARY VALUES MUST BE UNEQUAL AND IN ASCENDING ORDER

Explanation: You must enter the boundary values in ascending sequence and they must be unique.

System Action: NPM waits for the error to be corrected.

Operator Response: Enter unequal values in an ascending sequence.

Programmer Response: None.

FNM718W RSP WAS NOT ENABLED FOR APPL application_name. THE DEFAULT VALUE SESSH=Y WAS USED

Explanation: Dynamic definite response (DDR) session collection (SESSH=R) was attempted for an application that is not enabled for DDR.

System Action: NPM starts session collection with SESSH=Y rather than SESSH=R.

Operator Response: Notify your system programmer.

Programmer Response: See NPM Installation and Customization for an description of the RSP=YES option in the APPL statement.

FNM719W THE DYNAMIC DEFINITE RESPONSE TABLE IS FULL

Explanation: The dynamic definite response (DDR) table used to track transactions having definite responses caused by DDR is filled because of the number of outstanding definite responses.

System Action: NPM discontinues DDR activity until the table is empty.

Operator Response: Notify your system programmer.

Programmer Response: Increase the value for the DDRBUF keyword in the BUFFERS initialization statement. See NPM Installation and Customization for more information.

FNM720E ENTER OPTION

Explanation: An option was not selected on the NPM Control Function menu.

System Action: NPM holds the menu until an option is selected.

Operator Response: Select and enter an option.

Programmer Response: None.

FNM721E YOU ARE NOT AUTHORIZED TO USE THIS FUNCTION

Explanation: An error occurred because of one of the following conditions:

- A match for a profile name cannot be found.
- The user’s security profile is not authorized to use the function provided by this transaction program.

This message can be issued when the SECURITY keyword in the SYS initialization statement is defined as either NORMAL or RACF™.

System Action: NPM does not execute the transaction.

Operator Response: Verify that your security profile allows you to access the function requested.

Programmer Response: If the user should have access to the function requested but does not, change the security profile or assign the user to a different security profile.

FNM722E command_name IS NOT A VALID COMMAND

Explanation: The command entered is not valid.

System Action: NPM waits for a valid command.

Operator Response: Correct the command entry or remove it from the Command field.

Programmer Response: None.
FNM723W  HOST  host_name IS NOT AVAILABLE NOW, TRY LATER

Explanation:  An error was issued by NPM-to-NPM modules because of one of the following conditions:
- A transaction was entered to another host and NPM cannot create a session
- The transaction is waiting to be processed on a session that is ended.

System Action:  NPM does not try to reconnect the session and notifies all of the involved users of the outage.

Operator Response:  Reenter the request once. If it fails, check with an operator who has NPM control access. The operator with NPM control access will be given more specific data.

Programmer Response:  None.

FNM724E  HOST NAME  host_name IS UNKNOWN, PLEASE RE-ENTER

Explanation:  host_name was checked against the system resource table and no match was found. Possible reasons include the following:
- The host name is misspelled.
- The host name does not match HOST= name in the ANPM initialization statement.

System Action:  NPM waits for a valid name.

Operator Response:  Notify your system programmer.

Programmer Response:  If a session with another host is authorized, check the mismatch in the names. For both the source and the target hosts, verify that the names match in the HOST= name initialization statements.

FNM725W  THESE PERFORMANCE STATUS DISPLAYS ARE TAKEN FROM THE PRIMARY FILE ONLY

Explanation:  Performance status statistics were requested for a nonprimary NPM session file.

System Action:  NPM displays the performance status statistics from the primary session file.

Operator Response:  None.

Programmer Response:  None.

FNM726E  TRANSACTION PROGRAM  transaction_program_name IS NOT DEFINED

Explanation:  transaction_program_name is not defined to this NPM and NPM cannot process the request. This can be caused by using the NPM-to-NPM function between two different releases of NPM. One release of NPM might have an added function that is not supported by the other. NPM also issues this message if you issue an NPM console command before NPM has completed initialization.

System Action:  NPM does not process the request.

FNM727E  UNAUTHORIZED NPM TO NPM ACCESS ATTEMPTED FROM VTAM APPLID  host_name

Explanation:  A bind was attempted by another system. The host name in the bind does not match the host name defined in the ANPM statement of the system resource table.

System Action:  NPM rejects the bind and notifies the target system.

Operator Response:  Notify your system programmer.

Programmer Response:  If a session with another host is authorized, check the mismatch in the names. For both the source and the target hosts, verify that the names match in the HOST= name initialization statements.

FNM728E  ACCESS TO THIS HOST HAS BEEN STOPPED

Explanation:  An NPM operator with control authority locked the node through the control function of NPM, or NPM locked the node because the host for that node is running an NPM release that does not support NPM-to-NPM communication with the NPM release running in the local host.

System Action:  If the target host is running an incompatible NPM release, an unbind is issued for the session.

Operator Response:  If an operator with control authority locked the node, wait until that operator unlocks it. Ask your system programmer to verify that the target host is running the correct release of NPM.

Programmer Response:  If the message is displayed because this NPM is trying to establish NPM-to-NPM communication with an incompatible NPM release, remove the ANPM statement that defines the incompatible NPM.

FNM729E  OPERATOR ID  userid IS NOT KNOWN ON TARGET HOST

Explanation:  NPM is attempting to process a request in another host’s NPM. Your operator ID is not defined to this NPM. When SECURITY=YES is defined, the specified operator ID must be the same as the operator ID specified in the console ID or the TSO System Display and Search Facility (SDSF) ID.

System Action:  NPM does not process the request.

Operator Response:  Notify your system programmer.

Programmer Response:  Assign an operator ID in the target NPM.
FNM730E  NCP ncp_name IS NOT KNOWN ON TARGET HOST  

Explanation:  The accounting collection was issued with the name of an NCP that is not defined to the specified host.  
System Action:  NPM does not process the command.  
Operator Response:  Reissue the accounting collection with a blank communication control unit (CCU) name. A selection menu of NCPs that support accounting on the target host is displayed.  
Programmer Response:  None.  

FNM731E  ACCOUNTING NOT SUPPORTED FOR NCP ncp_name  

Explanation:  The accounting collection was issued for an NCP that does not support accounting data.  
System Action:  NPM does not process the command.  
Operator Response:  Replace ncp_name with a name from the communication control unit (CCU) list. A selection menu of NCPs that support accounting is displayed.  
Programmer Response:  Verify that the NCP is defined and that it has either accounting capability or a backup NPALU defined.  

FNM732W  NPM-TO-NPM COMMUNICATION WITH npm_applid IS NOT SUPPORTED  

Explanation:  NPM-to-NPM communication was attempted between this NPM and npm_applid. However, this NPM release does not support communication with the other NPM release.  
System Action:  An unbind is issued for the session.  
Operator Response:  Ask your system programmer to verify that both NPMs are running the correct release.  
Programmer Response:  Remove any ANPM initialization statements that define NPMs running an incompatible release.  

FNM733E  NO NCPs FOUND THAT SUPPORT ACCOUNTING  

Explanation:  The accounting command was requested, but no NCPs are defined to the specified NPM that supports accounting.  
System Action:  NPM does not process the accounting commands.  
Operator Response:  Verify that the host name is correct. If not, notify your system programmer.  
Programmer Response:  Check the NCP commands for NCPs that support accounting.  

FNM734E  YOUR PROFILE profile_name IS NOT VALID WITH YOUR USER ID ON TARGET HOST  

Explanation:  The operator ID and profile were passed to the target machine and checked. The profile is not valid for the operator ID on the target machine.  
System Action:  NPM continues processing.  
Operator Response:  Notify your system programmer.  
Programmer Response:  Add the profile to the operator ID in the target NPM’s FNMOPER file.  

FNM735E  THE HIGH CRITERION MUST BE GREATER THAN OR EQUAL TO LOW CRITERION  

Explanation:  The low criterion for the monitor data type is greater than the high criterion.  
System Action:  NPM waits for the error to be corrected.  
Operator Response:  Change the criteria for the monitor data type so that the high criterion is greater than or equal to the low criterion.  
Programmer Response:  None.  

FNM736I  NETWORK {SESSION|GATEWAY} ACCOUNTING ALREADY {ENABLED|DISABLED} FOR resource_name  

Explanation:  One of the following conditions occurred:  
- A network session accounting enable command was issued for a resource that already had network session accounting enabled.  
- A network session accounting disable command was issued for a resource that already had network session accounting disabled.  
- A network gateway accounting enable command was issued for a resource that already had network gateway accounting enabled.  
- A network gateway accounting disable command was issued for a resource that already had network gateway accounting disabled.  
System Action:  NPM does not process the command.  
Operator Response:  Verify that the command was entered correctly for resource_name.  
Programmer Response:  None.
FNM737I  NPM applid IS NOW status [NSA|NGA]
ACCOUNTING DATA FROM NCP ncp_name

Explanation: Either network session accounting (NSA) or network gateway accounting (NGA) for ncp_name has been modified by the NPM applid. status is one of the following:
- RECEIVING
- ENABLED
- DISABLED

System Action: NPM modifies the network accounting status by the new NPM applid.

Operator Response: None.

Programmer Response: None.

FNM738E  NETWORK SESSION ACCOUNTING
NOT SUPPORTED FOR NCP ncp_name

Explanation: A network session accounting command was issued for an NCP that does not support network session accounting.

System Action: NPM does not process the command.

Operator Response: Replace ncp_name with a name from the CCU list. A selection menu of NCPs that support network session accounting is displayed.

Programmer Response: If the command is in the initial commands file, verify that an NCP command exists for the named NCP and that the network session accounting capability is defined.

FNM739E  NETWORK GATEWAY ACCOUNTING
NOT SUPPORTED FOR NCP ncp_name

Explanation: A network gateway accounting command was issued for an NCP that does not support network gateway accounting.

System Action: NPM does not process the command.

Operator Response: Replace ncp_name with a name from the CCU list. A selection menu of NCPs that support network gateway accounting is displayed.

Programmer Response: If the command is in the initial commands file, verify that an NCP command exists for the named NCP and that the network gateway accounting capability is defined.

FNM740W  ACCOUNTING DATA NOT BEING LOGGED; NSA=NONE SPECIFIED ON NPM INITIALIZATION STATEMENT

Explanation: An NCP is ending network session accounting or network gateway accounting data to NPM. However, NSA=NONE was specified on the NPM initialization statement in the FNMINIT data set. NSA=NONE specifies that network accounting records are not written.

System Action: NPM continues processing.

Operator Response: Notify your system programmer.

Programmer Response: If you do not want to collect accounting data, specify NSA=(NO,NO),NGA=(NO,NO) on the NCP command that defines this NCP to NPM.

If you want to collect and record network accounting data, specify a data destination on the NSA parameter of the NPM initialization statement in the FNMINIT data set and recycle NPM.

FNM745W  YOU MUST SPECIFY YES FOR AT LEAST ONE OF THE DESTINATION PARAMETERS, LAN DESTINATION SET TO DEFAULTS

Explanation: All of the defaults for MONITOR and LAN collection commands in the DEFAULTS statement of FNMINIT are set to NO.

System Action: The parameters are set to their original defaults.

Operator Response: None.

Programmer Response: If you require LAN default destinations that are different from the default destinations defined by NPM, see NPM Installation and Customization.

FNM746I  NO ACTIVE STATUS FOR THIS RESOURCE

Explanation: The resource specified has no outstanding collection or monitoring activity.

System Action: NPM redisplays the panel.

Operator Response: Specify another resource name or exit from the panel.

Programmer Response: None.

FNM747E  YOU MUST SPECIFY YES FOR AT LEAST ONE OF THE DESTINATION PARAMETERS

Explanation: An attempt to collect data failed because destination parameters were not set. When the collection was started, either all data or monitor exception destination parameters were set to NO; or all detail data destination parameters were set to NO and one or more monitor destination were set to YES, but no monitor criteria was set.

System Action: NPM does not process the command.

Operator Response: Specify YES for at least one destination parameter or change one of the monitor criteria to a non-zero number.

Programmer Response: None.
<table>
<thead>
<tr>
<th>FNM748E</th>
<th>YOU MUST ALSO SPECIFY THE CCU NAME WHEN YOU CHOOSE THIS OPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong></td>
<td>On the Network Start Collection panel, the CCU name was omitted on an option that requires it. An example is using ALLLINES, ALLPUS, or ALLLUS as the resource name.</td>
</tr>
<tr>
<td><strong>System Action:</strong></td>
<td>NPM sends the cursor back to the CCU Name field and waits for a correction.</td>
</tr>
<tr>
<td><strong>Operator Response:</strong></td>
<td>Enter a valid CCU name.</td>
</tr>
<tr>
<td><strong>Programmer Response:</strong></td>
<td>None.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FNM749E</th>
<th>THIS HOST HAS NO NETWORK RESOURCES</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong></td>
<td>During network start, stop, or status tasks, a host name was entered that has no network resources attached to it.</td>
</tr>
<tr>
<td><strong>System Action:</strong></td>
<td>NPM redisplay the last panel with this message and waits for a valid host name.</td>
</tr>
<tr>
<td><strong>Operator Response:</strong></td>
<td>Enter a valid host name.</td>
</tr>
<tr>
<td><strong>Programmer Response:</strong></td>
<td>None.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FNM750E</th>
<th>SORT FIELD field_name IS NOT SUPPORTED</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong></td>
<td>NPM does not support sorting on the specified field.</td>
</tr>
<tr>
<td><strong>System Action:</strong></td>
<td>NPM does not process the command.</td>
</tr>
<tr>
<td><strong>Operator Response:</strong></td>
<td>Sort data on a supported field.</td>
</tr>
<tr>
<td><strong>Programmer Response:</strong></td>
<td>None.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FNM751E</th>
<th>VSAM RECORD NOT FOUND</th>
</tr>
</thead>
</table>
| **Explanation:** | While processing in VSAM, a specific record could not be found for one of the following reasons:  
- The current file was filled, and NPM switches automatically to another file. You cannot see the records you were viewing in the old file.  
- In attempting to read a record from the VSAM data set, the file service processor received an indication that the end of the data set was reached with no record qualifying for the read. |
| **System Action:** | NPM does not display the requested information. |
| **Operator Response:** | Notify your system programmer. |
| **Programmer Response:** | Verify that the data definition name of the requested file is correct and that the data set contains records. |

<table>
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<tr>
<th>FNM752E</th>
<th>UNDEFINED VSAM ERROR</th>
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<tbody>
<tr>
<td><strong>Explanation:</strong></td>
<td>While attempting to read a record from a VSAM data set, NPM received an error indication that was not an end-of-file (EOF) or record-not-found indicator.</td>
</tr>
<tr>
<td><strong>System Action:</strong></td>
<td>NPM does not display the requested information.</td>
</tr>
<tr>
<td><strong>Operator Response:</strong></td>
<td>Notify your system programmer.</td>
</tr>
<tr>
<td><strong>Programmer Response:</strong></td>
<td>See VSAM Programmer’s Guide for more information.</td>
</tr>
</tbody>
</table>

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<tr>
<th>FNM753E</th>
<th>DDNAME file_name NOT FOUND</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong></td>
<td>file_name is not defined to NPM.</td>
</tr>
<tr>
<td><strong>System Action:</strong></td>
<td>NPM does not display the requested information.</td>
</tr>
<tr>
<td><strong>Operator Response:</strong></td>
<td>Verify that file_name is correctly spelled. If not, notify your system programmer.</td>
</tr>
<tr>
<td><strong>Programmer Response:</strong></td>
<td>Verify that file_name is defined to NPM.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FNM754E</th>
<th>MORE THAN 32 NAMES IN NAME TABLE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong></td>
<td>NPM detected detail data for more than 32 application names in a session with one LU. The display limit for one LU in LU application pairs is 32. This is a restriction of the LU List panels.</td>
</tr>
<tr>
<td><strong>System Action:</strong></td>
<td>NPM does not display the requested information.</td>
</tr>
<tr>
<td><strong>Operator Response:</strong></td>
<td>Notify your system programmer.</td>
</tr>
<tr>
<td><strong>Programmer Response:</strong></td>
<td>See the Diagnostic Procedure Flowchart in NPM Diagnosis for more information.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FNM755S</th>
<th>NCB IS INOPERABLE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong></td>
<td>The node control block (NCB) associated with the VSAM file indicates that the data set cannot be opened.</td>
</tr>
<tr>
<td><strong>System Action:</strong></td>
<td>NPM does not display the requested information.</td>
</tr>
<tr>
<td><strong>Operator Response:</strong></td>
<td>Notify your system programmer.</td>
</tr>
<tr>
<td><strong>Programmer Response:</strong></td>
<td>Correct the data set. NPM might have to be restarted.</td>
</tr>
</tbody>
</table>
FNM756E  NO DATA FOUND FOR THIS REQUEST

Explanation:  NPM found no records or resources complying with the requirements of the request.

System Action:  NPM does not display the requested information or perform the requested function.

Operator Response:  Verify the request entry for the following items:

- For dynamic displays, data can be missing because of one of the following:
  - An inactive connection to the NPALU
  - Collection might not be started with DISPLAY=YES

- For data analysis, check that the following are true:
  - The correct names are entered
  - The data is between the specified times
  - When a session collection is run, the application name used in the APPL statement is the same as the application name used to open the VTAM access method control block (ACB).

- For the NPALU display, press ENTER to refresh the panel.
  - The communication control unit (CCU) associated with the NPALU might have been deleted or replaced

Programmer Response:  None.

FNM757E  GIVEN RESOURCE NAME resource_name NOT FOUND

Explanation:  NPM has not found resource_name used as a search argument.

System Action:  NPM does not display the requested information.

Operator Response:  If the resource was an NCP or an NCP resource, verify that the NCP is not deleted or replaced. Notify your system programmer.

Programmer Response:  See the Diagnostic Procedure Flowchart in NPM Diagnosis for more information.

FNM758E  UNABLE TO BUILD A VALID PDS GROUP LIST

Explanation:  The partitioned data set (PDS) group name is not identified by the system.

System Action:  NPM does not display the requested information.

Operator Response:  Notify your system programmer.

Programmer Response:  Verify the PDS group name. If correct, verify that the data set is correctly defined to NPM so that the data set can be accessed.

FNM759E  NETWORK RESOURCE NOT FOUND

Explanation:  You entered a resource name that does not exist in the host in the Data Analysis Network Review menu.

System Action:  NPM redisplays the last panel and waits for the correction.

Operator Response:  Verify the spelling and enter a valid resource name.

Programmer Response:  None.

FNM760S  REQUIRED LEVEL 1 VECTOR MISSING, KEY=module_name

Explanation:  An RU that is not valid was received.

System Action:  The request is discarded.

Operator Response:  Notify your system programmer.

Programmer Response:  See the Diagnostic Procedure Flowchart in NPM Diagnosis and proceed accordingly.

FNM761S  LEVEL 1 VECTOR NOT VALID, KEY=module_name

Explanation:  The resource list service processor detected an incorrect interface from the calling module.

System Action:  NPM displays a message at the user’s terminal but does not display the requested information.

Operator Response:  Notify your system programmer.

Programmer Response:  See the Diagnostic Procedure Flowchart in NPM Diagnosis and proceed accordingly.

FNM762I  NO ROUTER INFORMATION FOUND

Explanation:  NPM has not found general information for the router.

System Action:  NPM does not display the requested information.

Operator Response:  Verify that the router is active.

Programmer Response:  None.

FNM763E  NO MATCH FOUND FOR THIS LOCATE REQUEST

Explanation:  NPM cannot match the LU name in the LOCATE command. The LU name is either misspelled or missing.

System Action:  NPM redisplays the current panel.

Operator Response:  Reenter the LU name.

Programmer Response:  None.
### NPM Messages and Codes

#### 1. NPM Host Messages

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>FNM764I</td>
<td><strong>BOTTOM OF DATA</strong></td>
<td>The bottom point of the data has been reached in this file.</td>
<td>NPM displays the bottom panel (last) of the file with this message in the message display area.</td>
<td>None.</td>
<td>None.</td>
</tr>
<tr>
<td>System Action:</td>
<td>NPM displays the bottom panel (last) of the file with this message in the message display area.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operator Response:</td>
<td>None.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Programmer Response:</td>
<td>None.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FNM765I</td>
<td><strong>TOP OF DATA</strong></td>
<td>The top point of the data has been reached in this file.</td>
<td>NPM displays the top panel (first) of the file with this message in the message display area.</td>
<td>None.</td>
<td>None.</td>
</tr>
<tr>
<td>System Action:</td>
<td>NPM displays the top panel (first) of the file with this message in the message display area.</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Operator Response:</td>
<td>None.</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Programmer Response:</td>
<td>None.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FNM766E</td>
<td><strong>ENTER ONLY ONE SELECTION</strong></td>
<td>More than one valid selection was chosen.</td>
<td>NPM waits for a valid selection.</td>
<td>Correct the input field or press the END key.</td>
<td>None.</td>
</tr>
<tr>
<td>System Action:</td>
<td>NPM waits for a valid selection.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operator Response:</td>
<td>Select only one valid item.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Programmer Response:</td>
<td>None.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FNM767E</td>
<td><strong>FIND RESOURCE IS NOT VALID FOR ROUTER</strong></td>
<td>The Find Resource option is not supported for routers. It is valid only for NCP resources.</td>
<td>NPM waits for a valid option to be selected.</td>
<td>Select a valid option or set the NCP/Router field to N, for NCP.</td>
<td>None.</td>
</tr>
<tr>
<td>System Action:</td>
<td>NPM waits for a valid option to be selected.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operator Response:</td>
<td>Select a valid option or set the NCP/Router field to N, for NCP.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Programmer Response:</td>
<td>None.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FNM768E</td>
<td><strong>INVALID RESOURCE NAME</strong></td>
<td>The resource name you entered is not valid, because of one of the following reasons:</td>
<td>NPM waits for a valid resource name.</td>
<td>Correct the input field or press the END key.</td>
<td>None.</td>
</tr>
<tr>
<td>System Action:</td>
<td>NPM waits for a valid resource name.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operator Response:</td>
<td>Correct the input field or press the END key.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Programmer Response:</td>
<td>None.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FNM769E</td>
<td><strong>INVALID RESOURCE TYPE</strong></td>
<td>The resource type you entered is not valid because of one of the following reasons:</td>
<td>NPM waits for a valid resource type.</td>
<td>Correct the input field or press the END key.</td>
<td>None.</td>
</tr>
<tr>
<td>System Action:</td>
<td>NPM waits for a valid resource type.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operator Response:</td>
<td>Correct the input field or press the END key.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Programmer Response:</td>
<td>None.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FNM770E</td>
<td><strong>SORT FIELD sort IS NOT ACTIVE</strong></td>
<td>The NPM sort is not valid from this panel.</td>
<td>NPM continues processing.</td>
<td>Try to use the dynamic data display function again or select another function.</td>
<td>None.</td>
</tr>
<tr>
<td>System Action:</td>
<td>The NPM sort is not valid from this panel.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operator Response:</td>
<td>Select a valid sort keyword for this panel.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Programmer Response:</td>
<td>Select a valid sort keyword for this panel.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FNM771E</td>
<td><strong>DYNAMIC DATA DISPLAY IS STOPPED. NO DATA RECEIVED IN THE LAST TEN REFRESH INTERVALS</strong></td>
<td>The dynamic data display function was stopped because no data was received during the last ten refresh intervals. A collection on the resources may have been stopped by another operator.</td>
<td>NPM continues processing.</td>
<td>Try to use the dynamic data display function again or select another function.</td>
<td>None.</td>
</tr>
<tr>
<td>System Action:</td>
<td>The dynamic data display function is stopped. NPM continues processing.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operator Response:</td>
<td>Try to use the dynamic data display function again or select another function.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Programmer Response:</td>
<td>None.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FNM772E</td>
<td><strong>INVALID TCP/IP FIELD</strong></td>
<td>The value you entered for TCP/IP is not valid because of one of the following reasons:</td>
<td>NPM waits for a valid value in the TCP/IP field.</td>
<td>Correct the value or press the END key.</td>
<td>None.</td>
</tr>
<tr>
<td>System Action:</td>
<td>NPM waits for a valid value in the TCP/IP field.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operator Response:</td>
<td>Correct the value or press the END key.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Programmer Response:</td>
<td>None.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
FNM773E  FUNCTION NOT SUPPORTED FOR THE SPECIFIED HOST

Explanation: The function requested is not supported on the host you specified. One possible reason is that you are using NPM-to-NPM communication with a previous version of NPM that does not support the requested function.

System Action: NPM does not process the command. NPM waits for the use of a valid function or the END key.

Operator Response: Use a valid program function key for this host or select another host.

Programmer Response: None.

FNM774E  FUNCTION function_name IS NOT VALID FOR MONITOR DATA

Explanation: The function you requested is not valid to review monitor data.

System Action: NPM does not process the command. NPM waits for the use of a valid function or the END key.

Operator Response: Press ENTER to view the monitor data or select another data type.

Programmer Response: None.

FNM775E  COMMAND FOR resource_name IS NOT A VALID USE OF THE DYNAMIC COLLECTION INTERVAL

Explanation: The interval reserved for dynamic network collection in the LU was specified in a command other than DYNAMIC NETWORK COLLECT.

System Action: NPM does not process the command.

Operator Response: Reenter the command using a different collection interval.

Programmer Response: None.

FNM776E  DYNAMIC COLLECTION NOT VALID FOR RESOURCE resource_name

Explanation: Dynamic network collection routines attempted to start collection for resource_name, but dynamic collection is not supported for this resource.

System Action: NPM does not process the collection command.

Operator Response: Make sure that the resource type is correct. If it is not, change it to the correct one. Otherwise, contact your system programmer.

Programmer Response: See NPM Installation and Customization for information about dynamic network data collection.

FNM777E  DYN COMMAND IS VALID ONLY FOR LOCAL HOST

Explanation: Dynamic command is allowed only if you specified the local host name as the host name.

System Action: None.

Operator Response: None.

Programmer Response: None.

FNM778I  TERMINAL terminal_name ALREADY IN USE BY OPERATOR userid

Explanation: The terminal indicated in the logon request is already in use by another operator.

System Action: NPM rejects the logon request.

Operator Response: Verify that operator userid is currently logged onto NPM from terminal terminal_name. If the operator is not logged on, issue an unbind request for that operator, and reissue the logon request. Otherwise, notify your system programmer.

Programmer Response: See NPM Diagnosis for a list of the documentation you should gather before contacting Customer Support.

FNM779E  NPM CONSOLE DOES NOT SUPPORT NPM-TO-NPM COMMUNICATION

Explanation: The NPM Console does not support NPM-to-NPM communication.

System Action: If the NPM Console tries to establish an NPM-to-NPM communication, the logon is unsuccessful.

Operator Response: None.

Programmer Response: None.

FNM780I  USER: userid, PROFILE: profile_name, TERMINAL: terminal_id, HOST: host_name

Explanation: This information is displayed when the WHO command is entered on a terminal that is logged on to NPM. It tells who is logged on and other general information.

System Action: NPM displays the operator ID, NPM security profile name, terminal address, and host name.

Operator Response: None.

Programmer Response: None.
### FNM781I OPERATOR userid LOGGED ON FROM TERMINAL terminal_name USING PROFILE profile_name

**Explanation:** An operator has logged on to NPM. The message shows the operator ID, terminal name, and NPM security profile name for the operator. If you specify minimal logon checking, the profile name is FNMDFLT.

**System Action:** NPM updates the tables to reflect the new operator. NPM sends a message to the terminal that is logged on and to operators with authorization to receive global messages.

**Operator Response:** None.

**Programmer Response:** None.

### FNM782I OPERATOR userid LOGGED OFF FROM TERMINAL terminal_name

**Explanation:** An operator has logged off NPM.

**System Action:** NPM completes the logoff. NPM sends a message to the operator’s terminal and to other operators with authorization to receive global messages.

**Operator Response:** None.

**Programmer Response:** None.

### FNM783E ENTER OPERATOR IDENTIFIER

**Explanation:** An operator ID is required to complete the logon.

**System Action:** NPM waits for a valid operator ID.

**Operator Response:** Enter a valid operator ID.

**Programmer Response:** None.

### FNM784E OPERATOR IDENTIFICATION IS NOT VALID, REENTER

**Explanation:** The logon attempt was rejected. The operator ID was not recognized.

**System Action:** NPM rejects the logon request.

**Operator Response:** Do one of following:

- Log on again using the correct operands.
- Type logoff in the operator ID field.

**Programmer Response:** If the operator ID is valid, check the OPERATOR statements defined during initialization.

### FNM785I MAXIMUM NUMBER OF LOGON RETRIES HAS BEEN EXCEEDED

**Explanation:** The maximum number of allowable logon attempts was reached for this operator terminal. This number is specified at system definition.

**System Action:** NPM logs this terminal off.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Correct the logon procedure.

### FNM786E PROFILE IDENTIFICATION IS NOT VALID, REENTER

**Explanation:** The profile identification operand was not recognized. The logon is rejected.

**System Action:** NPM rejects the logon request.

**Operator Response:** Log on again, using a valid profile operand.

**Programmer Response:** None.

### FNM787E PROFILE profile_name IS NOT AVAILABLE FOR YOUR USE, REENTER

**Explanation:** profile_name does not match with the operator ID.

**System Action:** NPM rejects the logon request.

**Operator Response:** Enter a profile name that is authorized for your use or enter blanks for the default profile.

**Programmer Response:** If the operator should have access to the profile but does not, update the OPERATOR statement to add profile_name.

### FNM788E USERS OF PROFILE profile_name AT MAXIMUM

**Explanation:** You have reached the maximum number of users specified in the MAXUSER keyword profile statement; no more users can log on.

**System Action:** NPM rejects the logon request.

**Operator Response:** Access another profile or wait until later when an operator who was using the profile has logged off.

**Programmer Response:** None.
**FNM789E** SYNTAX IS NOT VALID FOR USER LOGON PARAMETERS

Explanation: The syntax used in the VTAM logon was not valid. The correct format of the user data field is shown in the following example:

```plaintext
operatorID/password/newpassword profile_name
```

No blanks are allowed in the operator ID and password fields. At least one blank is required before profile_name. If /new_password is entered, then /password must also be entered.

System Action: NPM displays the Logon panel showing the incorrect data that could be extracted from the user data field.

Operator Response: Enter valid logon data.

Programmer Response: None.

---

**FNM790E** ACCESS TO NPM DENIED BY LOGON EXIT

Explanation: The NPM installation-wide exit routine supplied by your site rejected the logon attempt with a nonzero return code.

System Action: NPM rejects the logon request.

Operator Response: Enter acceptable logon parameters for the exit routine or notify your system programmer.

Programmer Response: None.

---

**FNM791E** LOGON FAILED. TERMINAL terminal_name RELEASED. reason

Explanation: terminal_name could not complete the logon request. The following are possible reasons:

- AT MAXIMUM OPERATORS—NPM is already at the maximum number of operators and no more operator control blocks are available to support the session.
- ALREADY LOGGED ON—The terminal is already logged on to NPM.
- SCREEN SIZE IS NOT VALID—The screen size indicated in VTAM BIND parameters has a depth of less than 24 rows or a width of less than 80 columns.

System Action: NPM releases the terminal to VTAM.

Operator Response: Verify that the logon parameters (LOGMODE) used to connect the terminal with NPM are valid.

Programmer Response: Increase the MAXOPS value or see NPM Installation and Customization for more information.

---

**FNM792I** OPERATOR operator_id ALREADY LOGGED ON AT terminal_name

Explanation: operator_id is currently logged on to NPM at terminal_name.

System Action: NPM waits for a different operator ID.

Operator Response: Either log off at the other terminal, use a different operator ID at this terminal, or enter LOGOFF.

Programmer Response: If the operator ID is actually disconnected from NPM, but NPM shows that the user is still logically connected, see NPM Installation and Customization.

---

**FNM793I** LOGON FROM terminal_name ABORTED AT USER REQUEST

Explanation: Logoff has been requested.

System Action: NPM logs off the terminal.

Operator Response: None.

Programmer Response: None.

---

**FNM794A** PASSWORD IS NOT VALID, REENTER

Explanation: The password entered did not match the password listed for the operator ID in the OPERATOR statement. It might be misspelled.

System Action: NPM waits for a valid password.

Operator Response: Enter a valid password. If NPM does not accept it, notify your system programmer.

Programmer Response: Check the operator's password in the OPERATOR statement.

---

**FNM795E** NEW PASSWORD FIELD NOT SUPPORTED

Explanation: The new password field is not supported because the security keyword in the SYS initialization statement is set to normal.

System Action: NPM rejects the logon request.

Operator Response: Log on again, but do not enter a password in the New Password field.

Programmer Response: None.

---

**FNM796E** SYSTEM DEFINITION OPERATOR STATEMENT IS NOT VALID

Explanation: While processing operator statements for SECURITY=NORMAL logon, at least one error in the operator statement was found.

System Action: NPM skips the erroneous OPERATOR statement. If your operator ID is correctly defined, logon proceeds; otherwise, your operator ID is not found.

Operator Response: Notify your system programmer.
Programmer Response: Check the initialization log for errors in the operator member or change the PRTMEMBER option to YES to force a listing of the member on the SYSPRINT log file. Correct the OPERATOR member and request the user to log on again.

FNM797E INSTALLATION-WIDE EXIT LOGON FUNCTION IS NOT ACTIVE, LOGON CANNOT BE DONE

Explanation: The NPM installation-wide exit routine is responsible for verifying the operator ID and the password. Either there was not an NPM installation-wide exit routine defined or the NPM installation-wide exit routine has abended and been disabled. You must restart NPM before an NPM operator can log on.

System Action: The logon request is ignored.

Operator Response: Notify your system programmer. You can use NPM-to-NPM functions to access the NPM remotely until it can be restarted.

Programmer Response: You can perform one of the following actions:

- Change SECURITY=USER to SECURITY=NORMAL or SECURITY=RACF.
- Update the NPM installation-wide exit routine so that it supports the operator logon function if it currently does not.
- Correct the cause of the NPM installation-wide exit routine abend.

FNM798E SNMPTGT COMMAND CANNOT BE EXECUTED, TCP/IP IS NOT ACTIVE

Explanation: This instance of NPM is not available to perform a network collection on routers, because TCP/IP is not active.

System Action: NPM does not process the request.

Operator Response: None.

Programmer Response: None.

FNM799S SYSTEM LOGIC ERROR error_code IN module+offset ON host_name

Explanation: A logic error occurred in a module of host_name. See Chapter 6, System Logic Error Codes, for codes and descriptions.

System Action: NPM continues processing by bypassing the cause of the specific problem. Depending on the error, data might be lost.

Operator Response: Notify your system programmer.

Programmer Response: See NPM Diagnosis for more information about how logic errors can be trapped using the TRAP statement. Contact Customer Support.

FNM800I END OF HELP FOR THIS TOPIC

Explanation: The last help panel for the topic is displayed.

System Action: NPM keeps the last help panel on the screen.

Operator Response: Exit the help facility or scroll backward.

Programmer Response: None.

FNM801I NO HELP AVAILABLE FOR THIS TOPIC

Explanation: There are no help panels defined for this topic.

System Action: NPM ignores the request.

Operator Response: None.

Programmer Response: None.

FNM802I NPM job_name IS BEING TERMINATED

Explanation: NPM was requested to end.

System Action: NPM ends in five seconds.

Operator Response: None.

Programmer Response: None.

FNM803E WORKSTATION ALREADY CONNECTED TO THE SAME NPM

Explanation: The workstation is already connected to the same NPM. A workstation can have only one connection to the same NPM.

System Action: NPM logs this terminal off.

Operator Response: None.

Programmer Response: None.

FNM804E LOGON FAILED. TERMINAL terminal_name RELEASED.

Explanation: terminal_name could not complete the logon request. The following are possible reasons:

- AT MAXIMUM OPERATORS—NPM is already at the maximum number of operators and no more operator control blocks are available to support the session
- ALREADY LOGGED ON—The terminal is already logged on to NPM.
- SCREEN SIZE IS NOT VALID—The screen size indicated in VTAM BIND parameters has a depth of less than 24 rows or a width of less than 80 columns.

System Action: NPM releases the terminal to VTAM.

Operator Response: Verify that the logon parameters (LOGMODE) used to connect the terminal with NPM are valid.
FNM805W  TCP/IP IS NOT ACTIVE. YOU CANNOT CONNECT TO THE GRAPHICAL INTERFACE.

Explanation: Connection to the graphical interface is not possible, because TCP/IP is not running.

System Action: NPM continues processing, without connecting to the graphical interface.

Operator Response: To connect to the graphical interface, you must start TCP/IP.

Programmer Response: None.

FNM806W  TCP/IP BIND FUNCTION HAS FAILED. STOP NPM AND RESTART NPM SOME MINUTES LATER.

Explanation: Connection to the graphical interface is not possible, because the TCP/IP bind function has failed.

System Action: NPM continues processing, without connecting to the graphical interface.

Operator Response: To connect to the graphical interface, you must stop NPM, start TCP/IP, and then restart NPM.

Programmer Response: None.

FNM807E  IPCOLL COMMAND CANNOT BE EXECUTED. TCP/IP IS NOT ACTIVE

Explanation: This instance of NPM is not available to perform a network collection on routers, because TCP/IP is not active.

System Action: NPM does not process the request.

Operator Response: None.

Programmer Response: None.

FNM810A  RACF OPERATOR IDENTIFICATION CANNOT BE FOUND, REENTER

Explanation: The resource access control facility (RACF) rejected the login request. The operator ID entered was not found in the RACF data set.

System Action: NPM rejects the login request.

Operator Response: Retry the login with a valid operator ID, or type logoff in the operator ID field.

Programmer Response: Verify the operator ID and correct the RACF data set if necessary.

FNM811A  RACF PASSWORD IS NOT AUTHORIZED, REENTER

Explanation: The resource access control facility (RACF) rejected the logon request. The password was not recognized.

System Action: NPM rejects the logon request.

Operator Response: Type logon with the correct password or type logoff in the operator ID field.

If you entered your operator ID correctly, ask your system programmer to correct the RACF data set.

Programmer Response: Verify the operator ID and correct the RACF data set if necessary.

FNM812E  RACF PASSWORD HAS EXPIRED

Explanation: The resource access control facility (RACF) rejected the logon request. Although the password was recognized as valid, it has expired.

System Action: NPM rejects the logon request.

Operator Response: Type logoff in the operator ID field and change your password in the CHANGE PASSWORD field on the logon panel.

Programmer Response: None.

FNM813A  RACF NEW PASSWORD IS NOT VALID, REENTER

Explanation: The resource access control facility (RACF) rejected the password change because of one of the following reasons:
- The new password is the same as the current or previous password.
- The password installation-wide exit routine (ICHPSX01) rejected the character string for the new password.
- The password failed to meet the syntax rules.

System Action: NPM rejects the logon request.

Operator Response: Specify your current password and a different character string for a new password. See your security administrator for syntax rules.

Programmer Response: None.

FNM814E  RACF FUNCTION REJECTED BY INSTALLATION EXIT

Explanation: The resource access control facility (RACF) installation-wide exit routine rejected the logon.

System Action: NPM rejects the logon request.

Operator Response: Type logoff in the operator ID field. Notify your system programmer about the condition.

Programmer Response: Correct the condition that caused the installation-wide exit routine to reject the logon.
FNM815E  RACF ACCESS HAS BEEN REVOKED

Explanation: The resource access control facility (RACF) temporarily revoked the user access.

System Action: NPM rejects the logon request.

Operator Response: Type `logoff` in the operator ID field or contact your system programmer to determine why access was revoked.

Programmer Response: Reinstate the user’s access to NPM.

FNM816E  RACF IS NOT ACTIVE

Explanation: Although the SYS statement in member or data set FNMINIT of the NPM definition data set includes resource access control facility (RACF) logon authorization, RACF was not specified during the IPL of the system, or RACF is deactivated.

System Action: NPM rejects the logon request.

Operator Response: Type `logoff` in the operator ID field. Ask the system programmer to re-IPL specifying the RACF option.

Programmer Response: Activate RACF or change the NPM SYS statement so that it does not specify RACF LOGON authorization.

FNM817E  RACF ACCESS TO TERMINAL terminal_id IS NOT AUTHORIZED

Explanation: The resource access control facility (RACF) rejected the logon request from `terminal_id`.

System Action: NPM rejects the logon request.

Operator Response: Type `logoff` in the operator ID field. Contact your system programmer to update RACF so you can access NPM from your terminal or log on using an authorized terminal.

Programmer Response: Use RACF commands to allow the user access to the terminal.

FNM818E  RACF ACCESS TO APPLICATION application_name IS NOT AUTHORIZED

Explanation: The resource access control facility (RACF) rejected access to `application_name`.

System Action: NPM rejects the application logon request.

Operator Response: Type `logoff` in the operator ID field. Log on from an authorized terminal or contact your system programmer to update RACF to give you access to `application_name`.

Programmer Response: Use RACF commands to allow the user access to `application_name`.

FNM819E  RACF FAILED–UNEXPECTED ERROR–REGISTER 15 = return_code

Explanation: The resource access control facility (RACF) rejected the logon. NPM has no explicit error message for this condition.

System Action: NPM rejects the logon request.

Operator Response: Type `logoff` in the operator ID field. Notify your system programmer of the code returned in register 15.

Programmer Response: See MVS System Programming Library: Supervisor for information about the RACINIT macro for RACF return codes.

FNM820E  RACF GROUP racf_group_name NOT DEFINED

Explanation: The NPM logon installation-wide exit routine updated the parameters for logon and included `racf_group_name`. RACF rejected the logon request.

System Action: NPM rejects the logon request.

Operator Response: Try another operator ID that has access to the name or group.

Programmer Response: Ensure that the logon installation-wide exit routine is assigning the correct group name. If so, add the user to the group name file.

FNM840W  PIU TIME STAMP OUT OF SEQUENCE, RECORD=record_id

Explanation: The PIU record is out of sequence according to the time stamp.

System Action: NPM ignores the record and continues to the next record.

Operator Response: Notify your system programmer.

Programmer Response: Perform a SORT on the input FNMVLOG data set to put the records in ascending order by time stamp.

FNM850E  RESOURCE resource_id NOT FOUND

Explanation: NPM cannot perform the VARY or DISPLAY request on this type of resource.

System Action: NPM does not process the request.

Operator Response: Enter the name of a resource that is valid for this request or notify your system programmer.

Programmer Response: Check the FNMILOG listing for a list of valid NPM resource names. Only file names, operator IDs, NPALUs, or other NPM names are valid.
FNM851E RESOURCES resource_id IS NOT VALID

Explanation: The requested VARY command is not valid for resource_id.

System Action: NPM does not process the command.

Operator Response: Enter a valid command for the resource type or notify your system programmer.

Programmer Response: See VTAM Programming and proceed accordingly.

FNM860E AUTOTASK task_name RESERVED FOR RECEIVING COMMANDS

Explanation: The autotask specified on the LANMGR command is the autotask that is reserved for receiving commands. It may not be used to send requests to a LAN Manager.

System Action: No information is available for the LAN Manager specified on the LANMGR command.

Operator Response: Use the LANMGR command with OPTION=REPLACE to change the name of the autotask used to send requests to the LAN Manager.

Programmer Response: Check the NetView DSIOPF file to verify that the correct autotasks are defined.

FNM861I PPI REQUEST FAILED. REQUEST CODE=request_code RC=return_code

Explanation: A program-to-program interface request to the NetView program failed.

System Action: LAN bridge, LAN segment, or NetWare resources communication failed. NPM issues message FNM136E.

Operator Response: Notify your system programmer.

Programmer Response: See NetView Application Programming Guide to determine the action required, based on the request and return codes. See NetView Performance Monitor Concepts and Planning and NetView Performance Monitor Diagnosis if a problem is encountered with a NetWare collection.

FNM862I DSIMQS FAILED. task_name NOT AVAILABLE

Explanation: The NPM queue processing attempted to invoke a task that is not available.

System Action: NPM does not perform the task.

Operator Response: Activate the task. If you cannot, notify your system programmer.

Programmer Response: Ensure that the task is defined and available. See NetView Performance Monitor Installation and Customization for information about DSIMQS.

FNM863I NETVIEW SUBSYSTEM NOT ACTIVE

Explanation: NPM-NetView send or LAN queue receive processing failed because the NetView program is not available.

System Action: NPM does not establish NPM-NetView communication.

Operator Response: Bring up the NetView program subsystem. If you cannot do so, notify your system programmer.


FNM864I CDS REQUEST FAILED

Explanation: NPM failed to get a common REXX variable, using CLIST dictionary services (CDS).

System Action: NPM takes no action.

Operator Response: Notify your system programmer.

Programmer Response: See NPM Diagnosis for a list of the documentation you should gather before contacting Customer Support.

FNM865I FNMRCVQ INITIALIZATION COMPLETED

Explanation: FNMRCVQ initialization has completed successfully.

System Action: NPM continues processing.

Operator Response: None.

Programmer Response: None.

FNM870E INVALID CALL TO VTAM DATA COLLECTION

Explanation: An internal error calling the VTAM data collection component has been detected.

System Action: The VTAM collection request is not processed.

Operator Response: Notify your system programmer.

Programmer Response: Call Customer Support.

FNM871E UNABLE TO INITIALIZE VTAM DATA COLLECTION, RC=return_code, SC=sense_code.

Explanation: An internal error has occurred during initialization of the VTAM data collection component.

System Action: The VTAM data collection component is not available.

Operator Response: Notify your system programmer.

Programmer Response: Call Customer Support.
**FNM872E** UNABLE TO DEFINE VTAM DATA COLLECTORS, RC=return_code, SC=sense_code

**Explanation:** An internal error has occurred during initialization of the VTAM data collection component.

**System Action:** The VTAM data collection component is not available.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Call Customer Support.

---

**FNM873E** UNABLE TO BUILD VTAM DATA COLLECTOR CRB, RC=return_code, SC=sense_code

**Explanation:** An internal error has occurred during initialization of the VTAM data collection component.

**System Action:** The VTAM data collection component is not available.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Call Customer Support.

---

**FNM874E** module_name ERROR, RC=return_code, SC=sense_code

**Explanation:** An internal error occurred in module_name with return code return_code and sense code sense_code.

**System Action:** The VTAM data collection component continues, but the data being collected during the failure is not available.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Call Customer Support.

---

**FNM875E** module_name RETRY LIMIT EXCEEDED

**Explanation:** The VTAM data collection component has been unable to properly access the data for the request identified by module_name.

**System Action:** The VTAM data collection component continues, but the data being collected by module_name is not available for this sampling interval.

**Operator Response:** Notify your system programmer.

**Programmer Response:** If this problem persists, call Customer Support. An occasional issuance of this message does not necessarily mean there is a problem.

---

**FNM876I** module_name RETRY ATTEMPT, attempt_count, collision_count, failure_count

**Explanation:** This message is only seen when the VTAM data collection component is running in debug mode, which should only be in conjunction with instructions from Customer Support. It can be used on a system where many FNM875 messages are being created.

**System Action:** Processing continues.

**Operator Response:** None.

**Programmer Response:** Follow the instructions from Customer Support.

---

**FNM877I** ABEND system_abend_code user_abend_code REASON CODE=reason_code ACTIVE MODULE=module_name

**Explanation:** A VM VTAM collection subtask has ended abnormally.

**System Action:** The failing active module attempts to recover. Symptom dump messages follow.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Contact Customer Support.

---

**FNM878I** SYMPTOM DUMP ON date AT time

**Explanation:** This is abnormal end symptom dump information timestamp.

**System Action:** None.

**Operator Response:** Record the information for problem determination and notify your system programmer.

**Programmer Response:** Contact Customer Support.

---

**FNM879I** PSW first_half_password second_half_password INTC=interrupt_code ILC=instruction_length_code

**Explanation:** This is abnormal end symptom dump information.

**System Action:** None.

**Operator Response:** Record the information for problem determination and notify your system programmer.

**Programmer Response:** Contact Customer Support.
FNM880I  DATA AT PSW virtual_storage_contents
Explanation:  This is abnormal end symptom dump information.
System Action:  None.
Operator Response:  Record the information for problem determination and notify your system programmer.
Programmer Response:  Contact Customer Support.

FNM881I  GPR register_registerb register_contents
Explanation:  This is abnormal end symptom dump information.
System Action:  None.
Operator Response:  Record the information for problem determination and notify your system programmer.
Programmer Response:  Contact Customer Support.

FNM882I  SYMPTOM DUMP COMPLETE.  RECOVERY IN PROGRESS
Explanation:  The abnormal end symptom dump has completed and system recovery is in progress.
System Action:  None.
Operator Response:  Record the information for problem determination and notify your system programmer.
Programmer Response:  Contact Customer Support.

FNM883E  VTAM SERVICE SUBTASK INITIALIZATION FAILED
RC=return_code SC=sense_code
Explanation:  The NPM VM VTAM service subtask was unable to initialize.
System Action:  The VTAM data collection component is not available.
Operator Response:  Record the information for problem determination and notify your system programmer.
Programmer Response:  Contact Customer Support.

FNM884E  VTAM COLLECTION SUBTASK INITIALIZATION FAILED
RC=return_code SC=sense_code
Explanation:  The NPM VM VTAM data collector was unable to initialize.
System Action:  The VTAM data collection component is not available.
Operator Response:  Record the information for problem determination and notify your system programmer.
Programmer Response:  Call Customer Support.

FNM885E  ERROR TERMINATING VTAM DATA COLLECTION, RC=return_code, SC=sense_code
Explanation:  An internal error has occurred as the VTAM data collection component is ending.
System Action:  Processing continues, but the VTAM data collection component is not available.
Operator Response:  Notify your system programmer.
Programmer Response:  Contact Customer Support.

FNM886E  ERROR DELETING VTAM DATA COLLECTORS, RC=return_code, SC=sense_code
Explanation:  An internal error has occurred as the VTAM data collection component is ending.
System Action:  Processing continues, but the VTAM data collection component is not available.
Operator Response:  Notify your system programmer.
Programmer Response:  Contact Customer Support.

FNM887I  VTAM SERVICE SUBTASK TERMINATION COMPLETE
RC=return_code
Explanation:  The NPM VM VTAM service subtask has ended.
System Action:  The VTAM data collection component is not available.
Operator Response:  None.
Programmer Response:  None.

FNM888I  VTAM COLLECTION SUBTASK TERMINATION COMPLETE
RC=return_code
Explanation:  The NPM VM VTAM collection subtask has ended.
System Action:  The VTAM data collection component is not available.
Operator Response:  None.
Programmer Response:  None.
FNM889E  UNKNOWN OR INVALID FNMVTAMC COMMAND
Explanation: The FNMVTAMC command could not be processed.
System Action: The command request is not processed.
Operator Response: Enter a valid FNMVTAMC command request.
Programmer Response: None.

FNM890I  FNMVTAM COMMAND REQUEST COMPLETE
Explanation: The FNMVTAMC command request completed.
System Action: The command request completes.
Operator Response: None.
Programmer Response: None.

FNM891I  status_information
Explanation: This message displays information associated with the status of NPM VTAM subtasks and interfaces within the VTAM virtual machine.
System Action: Status information is displayed.
Operator Response: None.
Programmer Response: None.

FNM892E  FNMVTAM COMMAND REQUEST FAILED RC=return_code SC=sense_code
Explanation: An FNMVTAMC command request failed. The request is not executed.
System Action: Status information is displayed.
Operator Response: Record information for problem determination and notify your system programmer.
Programmer Response: If this problem persists, contact Customer Support.

FNM893I  VTAM SERVICE SUBTASK AVAILABLE
Explanation: The NPM VTAM Data Collection Service Subtask has initialized successfully in VTAM. This appears during VTAM startup.
System Action: The Service Subtask waits for a request from the host NPM to start the Collector subtask.
Operator Response: None.
Programmer Response: None.

FNM894I  VTAM COLLECTION SUBTASK AVAILABLE
Explanation: The NPM VTAM Collector Subtask has initialized successfully in VTAM. This appears when NPM VTAM Data Collection starts.
System Action: The Collector subtask waits for collection requests from the host NPM.
Operator Response: None.
Programmer Response: None.

FNM895I  PROBE entry_point CRB crb_address RC=return_code SC=sense_code: REPLY (R,F,M,L,Q)
Explanation: This appears in response to a FNMVTAMC RUNPROBE command with the following variables:

<table>
<thead>
<tr>
<th>Message Variable</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>entry_point</td>
<td>The entry point of the requested probe.</td>
</tr>
<tr>
<td>crb_address</td>
<td>The address of the CRB for the probe call.</td>
</tr>
<tr>
<td>return_code</td>
<td>The return code from the previous probe call.</td>
</tr>
<tr>
<td>sense_code</td>
<td>The sense code from the previous probe call.</td>
</tr>
</tbody>
</table>

System Action: The Collector subtask waits for a reply to the message.
Operator Response: None.
Programmer Response: Enter one of the following responses:

<table>
<thead>
<tr>
<th>Response</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>R</td>
<td>Redisplays the message.</td>
</tr>
<tr>
<td>Q</td>
<td>Quits testing the probe.</td>
</tr>
<tr>
<td>F</td>
<td>Starts First type call to the probe.</td>
</tr>
<tr>
<td>M</td>
<td>Starts Middle type call to the probe.</td>
</tr>
<tr>
<td>L</td>
<td>Starts Last type call to the probe.</td>
</tr>
</tbody>
</table>

FNM900W  BUFFER SHORTAGE APPROACHING CRITICAL
Explanation: More than 80 percent of the buffer segments are in use.
System Action: NPM continues processing.
Operator Response: Notify your system programmer.
Programmer Response: Monitor the use of the buffer segments by referring to the Performance Measurement tables. Consider increasing the number of buffer segments. See NPM Installation and Customization for more information about buffer segments.
FNM901W  BUFFER SHORTAGE CRITICAL

Explanation: More than 90 percent of the buffer segments are in use.

System Action: NPM continues processing. If the shortage continues, NPM will attempt to acquire additional buffer segments. If this attempt fails, NPM will abend with code U0001.

Operator Response: Notify your system programmer.

Programmer Response: Monitor the use of the buffer segments by referring to the Performance Measurement tables. NPM will attempt to acquire additional buffer segments. However, if this condition occurs often, you should consider increasing the number of buffer segments. See NPM Installation and Customization for more information on increasing the number of buffer segments.

---

FN902I  BUFFER SHORTAGE RELIEVED

Explanation: The number buffer segments in use has dropped below 70 percent.

System Action: NPM continues processing.

Operator Response: Notify your system programmer that the buffer shortage is relieved.

Programmer Response: Consider increasing the number of buffer segments. See NPM Installation and Customization for more information about buffer segments.

---

FN903L  BUFFERS EXHAUSTED, buffer_number ADDITIONAL BUFSEGS ACQUIRED

Explanation: The number of available buffer segments has been depleted. Therefore, NPM acquired buffer_number additional buffer segments.

System Action: NPM continues processing.

Operator Response: Notify your system programmer.

Programmer Response: Monitor the use of the buffer segments by referring to the Performance Measurement tables. NPM will attempt to acquire additional buffer segments. However, if this condition occurs often, you should consider increasing the number of buffer segments. See NPM Installation and Customization for more information on increasing the number of buffer segments.

---

FN910E  FNMNSI request_type REQUEST FAILED, RC=return_code, REASON CODE=reason_code

Explanation: The NetView synergy interface (NSI) routine, FNMNSI, because of a request error or an exceptional condition.

The request_type is one of the following:
- CONNECT
- DISCONNECT
- SEND

System Action: NPM ends the processing associated with the request.

Operator Response: Notify your system programmer.

Programmer Response: If the return code is 20, the NSI address space is not active. You need to start the NSI address space and then restart NPM.

If the return code is anything other than 20, the message indicates a programming error. If you are writing your own routines using NSI, see the NSI documentation in NPM Installation and Customization for more information. If you are using Tivoli-supplied routines, like NVAS, gather data as required and call Customer Support.

For a complete list of all the return codes, reason codes, and their descriptions, see the NSI Appendix in NetView Performance Monitor Installation and Customization.

---

FN911I  NPM job_name CONNECTED SUCCESSFULLY WITH NSI

Explanation: NPM issued a successful connect request with the NetView synergy interface (NSI) address space. NPM provides information about NPM operators who complete a successful logon to NPM.

System Action: NPM continues processing.

Operator Response: None.

Programmer Response: None.

---

FN920E  START COMMAND IS NOT VALID

Explanation: The NPM command entered from the VM console was not valid.

System Action: NPM does not process the command.

Operator Response: Enter a valid NPM command.

Programmer Response: None.

---

FN921S  ATTACH FAILED FOR FNMMAIN

Explanation: The group control system (GCS) attach routine failed to attach FNMMAIN.

System Action: NPM does not process the command.

Operator Response: Notify your system programmer.

Programmer Response: Check that the NPM installation was successful and that the NPM LOADLIB is complete. See NPM Diagnosis for a list of documentation you should gather before contacting Customer Support.
1. NPM Host Messages

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>FNM922W</td>
<td>NPM NOT ACTIVE</td>
<td>A command other than NPM START was entered but NPM is not active.</td>
<td>NPM does not process the command.</td>
<td>None.</td>
</tr>
<tr>
<td>FNM923I</td>
<td>NPM TERMINATION COMPLETE</td>
<td>NPM has ended.</td>
<td>None.</td>
<td>None.</td>
</tr>
<tr>
<td>FNM930I</td>
<td>NPM COMMAND PROCESSING TERMINATED</td>
<td>NPM is ending and has stopped processing commands.</td>
<td>NPM continues to end normally.</td>
<td>None.</td>
</tr>
<tr>
<td>FNM931I</td>
<td>Command entered from a console is listed.</td>
<td>The text of a command entered from a console is listed.</td>
<td>None.</td>
<td>None.</td>
</tr>
<tr>
<td>FNM932I</td>
<td>Command name COMMAND ACCEPTED</td>
<td>Command name was submitted for processing.</td>
<td>NPM processes the command.</td>
<td>None.</td>
</tr>
<tr>
<td>FNM933E</td>
<td>OPERATOR operator_id NOT FOUND</td>
<td>The receiving operator is not defined to NPM.</td>
<td>NPM does not send the message to the operator.</td>
<td>None.</td>
</tr>
<tr>
<td>FNM934E</td>
<td>OPERATOR operator_id NOT ACTIVE</td>
<td>The operator is defined to NPM but is not active on NPM.</td>
<td>NPM does not send the message to the operator.</td>
<td>None.</td>
</tr>
<tr>
<td>FNM935I</td>
<td>user_id: message_text</td>
<td>The text of the message sent from one NPM user to another is displayed.</td>
<td>NPM displays the message.</td>
<td>None.</td>
</tr>
<tr>
<td>FNM936E</td>
<td>MESSAGES CANNOT BE SENT TO OPERATOR operator_id</td>
<td>The message to be sent to operator operator_id could not be sent, because the operator is not using a 3270 type terminal. The operator is using the NPM Console.</td>
<td>None.</td>
<td></td>
</tr>
<tr>
<td>FNM937I</td>
<td>npm_application_id REPLY WITH VALID NPM SYSTEM OPERATOR COMMAND</td>
<td>With PROMPT=YES specified, the system console operator is asked to reply to a WTOR message with an NPM system operator command.</td>
<td>NPM continues processing while waiting for the command.</td>
<td>None.</td>
</tr>
<tr>
<td>FNM938I</td>
<td>LOCAL: date time, GMT: date time, ELAPSED: time_value, HOST: host_name</td>
<td>A TIME command was issued that caused NPM to generate this message. The NPM host provides the time_value named in the message.</td>
<td>The local date and time at the NPM host.</td>
<td>None.</td>
</tr>
</tbody>
</table>

**NPM Messages and Codes**

83
GMT    The date and time in Greenwich mean time (GMT) at the NPM host.

ELAPSED The average time (in seconds) that passes between the moment you issue a time request and the moment you receive a response from the NPM host.

HOST The name of the NPM host that provides time values.

System Action: None.
Operator Response: None.
Programmer Response: None.

FNM941I NAME STATUS TERMINAL PROFILE LOGON HOST: host_name

Explanation: This message always precedes message FNM942I as the result of a DISPLAY command for an NPM operator. The following list describes the message headings:

Message Heading Description
NAME The NPM operator ID.
STATUS status can be one of the following:
  ■ ACTIVE, if the LU session with NPM is active.
  ■ INACTIVE, if the LU session with NPM is not active.
  ■ PENDING, if the operator has not completed logon.
TERMINAL The name of the LU that the operator is using for the session. This name is blank if the session is INACTIVE.
PROFILE The name of the PROFILE statement that the operator used when the session was started. This name is blank if the session is INACTIVE.
LOGON The date and time when the operator completed the logon to NPM.
HOST: host_name The host name of the NPM that supplied this data.
System Action: NPM continues processing.
Operator Response: None.
Programmer Response: None.

FNM942I oper_id status lu_name profile date time

Explanation: A DISPLAY command was issued for an NPM operator. See message FNM941I for a description of these fields.
System Action: NPM continues processing.
Operator Response: None.
Programmer Response: None.

FNM943I NAME STATUS FIRST DATE/TIME LAST DATE/TIME RECORDS STATUS2 HOST: host_name

Explanation: This message always precedes message FNM944I as the result of a DISPLAY command for an NPM file. The following list describes the message headings:

Message Heading Description
NAME The NPM file ddname.
STATUS status can be one of the following:
  ■ ACTIVE, if NPM is using this file for input.
  ■ INACTIVE, if the file is closed and NPM is not using the file.
  ■ INOP, if NPM was unable to access the data set.
  ■ LOCK, if an NPM operator has used the LOCK command to prevent access to the file.
FIRST DATE/TIME The date and time for the earliest record written to the file.
LAST DATE/TIME The date and time for the latest record written to the file.
RECORDS The number of records written to the file.
STATUS2 status2 can be one of the following:
  ■ EMPTY, if the data set does not contain any NPM records.
  ■ FULL, if the data set cannot contain any more NPM records.
  ■ PRIME, if the data set is the data set used for output and, for VSAM files, used for input.
HOST: host_name The host name of the NPM that supplied this data.

Note: If the file has never been opened in NPM, the date and time fields and the number of records is zero.
System Action: NPM continues processing.
Operator Response: None.
Programmer Response: None.
**FNM944I**

```
filename status first date/time last date/time
```

Explanation: A DISPLAY command was issued for an NPM file. See message FNM943I for a description of these fields.

System Action: NPM continues processing.

Operator Response: None.

Programmer Response: None.

---

**FNM945I**

```
NAME STATUS NCP VERSION
GENLEVEL HOST:host_name
```

Explanation: This message always precedes message FNM946I as a result of a DISPLAY command for an NPALU or an NCP. The following list describes the message headings:

**Message Heading Description**

**NAME**
The name of the NPALU that can support data collection with the NCP.

**STATUS**
*status* can be one of the following:
- **ACTIVE**, if the LU session with NPM is active.
- **INACTIVE**, if the LU session with NPM is not active.
- **PENDING**, if NPM attempts to establish a session and NPM is not yet active.

**NCP**
The name of the NCP PU that contains the NPALU.

**VERSION**
The value of the VERSION parameter from the NCP BUILD statement.

**GENLEVEL**
The value of the GENLEVEL parameter from the NCP BUILD statement or its default, the date and time of the NCP generation.

**HOST:host_name**
The host name of the host associated with this NPALU.

---

**FNM946I**

```
npalu status ncp name ncp version genlevel
```

Explanation: A DISPLAY command was issued for an NPALU or NCP. See message FNM945I for a description of these fields.

---

**FNM947I**

```
NAME STATUS HOST VERSION
```

Explanation: This message always precedes message FNM948I as the result of a DISPLAY command for sessions with other NPMs. The following list describes the message headings:

**Message Heading Description**

**NAME**
The APPLID associated with an NPM. Taken from the ANPM initialization statement.

**STATUS**
*status* can be one of the following:
- **ACTIVE**, if the session with this NPM is active.
- **INACTIVE**, if the session with this NPM is not active.
- **PENDING**, if NPM attempts to establish a session and NPM is not yet active.

**HOST**
The name of the host associated with this NPM.

**VERSION**
A character string used to identify the other NPM:
- *nnnnn* The NPM version release number. The format is **V2R1**.
- *vvvvv* The VTAM version release number. The format is **V3R4**.
- *ooo* Identifies the operating system:
  - MVS
  - MVS/ESA
  - VM
  - VM/ESA

**HOST:host_name**
The host name of the NPM that supplied this data.

System Action: NPM continues processing.

Operator Response: None.

Programmer Response: None.

---

**FNM948I**

```
nmapplid status host_name host version
```

Explanation: A DISPLAY command was issued for NPM-to-NPM sessions. See message FNM947I for a description of these fields.

System Action: NPM continues processing.

Operator Response: None.

Programmer Response: None.
**FNM950I**  CONNECTION PENDING FOR resource_name

**Explanation:** The VTAM SIMLOGON request is outstanding for resource_name. NPM processes connection requests one at a time. Until this connection is made or broken, no other connection requests are processed.

**System Action:** NPM takes no action to break the request. NPM checks the status at approximately 1-minute intervals and repeats the message until the connection is made or broken.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Determine the cause for the delay in creating a connection with the resource. Use VTAM commands to break the connection with the resource.

**FNM960E**  LOAD FAILED FOR module_name, RC=return_code

**Explanation:** The load request failed for one of the following reasons:

- A VSAM FILE initialization statement specified MACRF=LSR. NPM attempted to load the VSAM BLDVRP parameter list load module but the system load routine could not find it.
- The FNMNSI interface routine could not be loaded.

return_code is the value of register 15 from the system load routine.

**System Action:** Depending on the reason for the message, NPM either sets MACRF=NSR in all the VSAM FILE initialization statements or sets NSI=NO in the NPM initialization statement.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Verify that the correct name for the BLDVRP parameter list load module is in the BUFFERS initialization statement. Verify that the FNMNSI load module is available to NPM.

**FNM961E**  BLDVRP FAILED FOR module_name, RC= return_code

**Explanation:** The VSAM BLDVRP macro failed with return code.

**System Action:** NPM resets all VSAM MACRF=LSR to MACRF=NSR.

**Operator Response:** Notify your system programmer.

**Programmer Response:** See MVS/ESA VSAM Administration: Macro Instruction Reference for definitions of the return codes.

**FNM965W**  UNABLE TO LOAD USER EXIT ROUTINE: module_name

**Explanation:** The installation-wide exit routine was not found by the system load routine.

**System Action:** NPM continues processing without the installation-wide exit routine.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Verify that the correct name for the installation-wide exit routine was specified in the SYS initialization statement.

**FNM966S**  USER EXIT ROUTINE ERROR, CODE return_code

**Explanation:** The NPM installation-wide exit routine either issued an incorrect return code in register 15, or the routine abended. The return codes are described in the following table:

<table>
<thead>
<tr>
<th>Ret. Code</th>
<th>Installation-Wide Exit Routine Function</th>
<th>Primary Function Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Operator Connect/Disconnect</td>
<td>X'01' and X'02'</td>
</tr>
<tr>
<td>02</td>
<td>NPALU Connect/Disconnect</td>
<td>X'03' and X'04'</td>
</tr>
<tr>
<td>03</td>
<td>NPM-to-NPM Connect/Disconnect</td>
<td>X'05' and X'06'</td>
</tr>
<tr>
<td>04</td>
<td>DNC Authorization</td>
<td>X'07'</td>
</tr>
<tr>
<td>05</td>
<td>File Switch</td>
<td>X'09'</td>
</tr>
<tr>
<td>06</td>
<td>Message</td>
<td>X'0A'</td>
</tr>
<tr>
<td>07</td>
<td>File Output</td>
<td>X'10' through X'15'</td>
</tr>
<tr>
<td>08</td>
<td>Session</td>
<td>X'18'</td>
</tr>
<tr>
<td>11</td>
<td>End</td>
<td>X'FF'</td>
</tr>
<tr>
<td>12</td>
<td>Begin</td>
<td>X'FE'</td>
</tr>
<tr>
<td>14</td>
<td>Installation-wide exit routine</td>
<td>Abended</td>
</tr>
</tbody>
</table>

**System Action:** NPM disables the installation-wide exit routine and receives a return code of 0 from the caller.

**Operator Response:** Notify your system programmer.

**Programmer Response:** The NPM installation-wide routine contains an error. Use return_code in the message to determine the cause of the error. If proper functioning of the installation-wide exit routine is required, stop NPM, replace the installation-wide exit routine with a corrected version, and restart NPM.

**FNM970I**  NPM (job_name) WAITING FOR VTAM RESTART

**Explanation:** VTAM ends. NPM stays active until VTAM is restarted.

**System Action:** NPM waits for VTAM to restart or for a STOP command.

**Operator Response:** Restart VTAM or issue STOP NPM to end NPM.

**Programmer Response:** None.
FNM971I  NPM (job_name)  RESTARTING

Explanation: VTAM was restarted. NPM detected that VTAM is active.

System Action: NPM continues with the restart from the point where VTAM became inactive.

The message FNM238E might be issued while attempting to reopen the VTAM access method control block (ACB) for NPM. NPM attempts to open it every 30 seconds until successful. If an unexpected error is found, message FNM239A is issued to allow the operator to stop NPM.

Operator Response: If NPM should not be active but is, issue the STOP NPM command.

Programmer Response: None.

FNM972I  NPM (job_name)  RESTART COMPLETE

Explanation: NPM restarted and reached the point where the operator can log on to NPM.

System Action: NPM restarts the active network commands when NCP NPALUs become active.

Operator Response: Log on to NPM and verify that all NCP NPALUs are reattached to NPM using the NPALU Display Management panel (FNM02OCC) or fast path=3.3.

Programmer Response: None.

FNM974A  SHOULD NPM (job_name)  RESTART SESSION COLLECTION?  REPLY 'YES', 'NO', OR 'TERM'

Explanation: After VTAM restarted, NPM found outstanding session collection commands for one or more resources during its restart.

You can now wait until all VTAM major nodes are active before restarting session collection.

System Action: NPM waits for operator response.

Operator Response: Reply YES when the resources collected by NPM are reactivated. Reply NO to stop the collection on all resources. If you reply NO, you must log on to NPM and manually issue session collection commands. Reply TERM to end NPM.

Programmer Response: None.

FNM975W  NPM SESSION COLLECTION RESTARTED WITH ERROR(S)

Explanation: NPM attempted to restart the session collection; however, VTAM rejected at least one of the restart commands. One or more occurrences of message FNM273E might precede this message. FNM273E indicates which resources failed to have session collection started.

System Action: NPM does not start session collection for those resources indicated by message FNM273E.

Operator Response: Log on to NPM and manually restart session collection for those resources indicated by message FNM273E. If the SESSCOLL command still fails, notify your system programmer.

Programmer Response: See NPM Diagnosis for a list of the documentation you should gather before contacting Customer Support.

FNM980E  CONTROL BLOCK control_block_name NOT FOUND

Explanation: control_block_name was not located. NPM searched the internal control block name list, system resource table, and configuration resource table.

System Action: NPM does not display storage for this control block.

Operator Response: Verify the spelling of control_block_name.

Programmer Response: None.

FNM982I  SDUMP COMPLETE TO ddname.  
RC=reason_code

Explanation: In response to an SDUMP request, NPM took an SDUMP of the NPM address space.

System Action: If the return code is zero, NPM writes the dump to the FNMSDUMP data set.

Operator Response: If the return code is nonzero, notify your system programmer.

Programmer Response: Take the appropriate action based on the following return codes:

<table>
<thead>
<tr>
<th>Return Code</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>X'0000'</td>
<td>The SDUMP macro has completed successfully.</td>
</tr>
<tr>
<td>X'0010'</td>
<td>The FNMSDUMP data set does not open. Correct the FNMSDUMP definitions.</td>
</tr>
<tr>
<td>X'0014'</td>
<td>The FNMSDUMP data set is not defined on a tape or DASD device. Correctly define the FNMSDUMP data set in the NPM startup procedure to point to a DASD or tape device.</td>
</tr>
<tr>
<td>X'0018'</td>
<td>The FNMSDUMP data set is not defined. Define the FNMSDUMP data set in the NPM startup procedure.</td>
</tr>
<tr>
<td>Other</td>
<td>The return code is from the SDUMP macro. If RC=8 is received, a reason_code is also displayed in this message. See the appropriate operating system publication for a complete description of the SDUMP return codes.</td>
</tr>
</tbody>
</table>

See NPM Installation and Customization for additional information.
SNAP DUMP count COMPLETE TO dname. RC=return_code

Explanation: In response to a SNAP request, NPM took a SNAP DUMP of the NPM address space. return_code is the return code from the SNAP macro. Possible return codes are documented in MVS/ESA Application Development Macro Reference.

System Action: NPM continues processing.

Operator Response: None.

Programmer Response: None.

FNM984E USER operator_id NOT FOUND

Explanation: Either the operator ID required to process a trace request was not found or the operator ID entered on the Network Status Stop (Deferred) panel was not found.

System Action: NPM does not process the request.

Operator Response: Enter a valid operator ID.

Programmer Response: None.

SYMBOL symbol_name ADDED TO SYMBOL TABLE

Explanation: NPM added a name and associated address to the internal symbol table.

System Action: NPM continues processing.

Operator Response: None.

Programmer Response: None.

TRAP trap_id ADDED TO HOST host_name

Explanation: The request to add a diagnostic trap to the Diagnostic Trap table was successful.

System Action: If the status of the trap was active, the system checks the trap.

Operator Response: Ensure that the proper diagnostic trap option is set so the trap is checked. See NPM Diagnosis for information about displaying diagnostic trap options.

Programmer Response: None.

DIAGNOSTIC TRAP TABLE IS FULL

Explanation: NPM attempted to add a diagnostic trap and found no entries available in the Diagnostic Trap table.

System Action: NPM does not add the trap.

Operator Response: Notify your system programmer.

Programmer Response: Update the TRAPCNT parameter to allow more free space in the Diagnostic Trap table.

TRAP trap_id MATCHED, COUNT=number, ACTION=action

Explanation: Trap conditions identified by trap_id are met. number is the number of times the condition has been met. Action is the action taken.

System Action: NPM continues processing.

Operator Response: None.

Programmer Response: None.

SDUMP|SNAP COMPLETED FOR trap_id. RC=return_code

Explanation: In response to an NPM TRAP statement, NPM took an SDUMP or SNAP of the NPM address space.

System Action: If the return code is zero, a dump is taken of NPM to the FNMSDUMP or FNMSNAP data set. NPM continues processing.

Operator Response: If the return code is nonzero, notify your system programmer.

Programmer Response: Take the appropriate action for an SDUMP or SNAP based on the following return codes.

For SDUMP:

<table>
<thead>
<tr>
<th>Return Code</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>The SDUMP macro has completed successfully.</td>
</tr>
<tr>
<td>16</td>
<td>The FNMSDUMP data set does not open. Correct the FNMSDUMP definitions.</td>
</tr>
<tr>
<td>20</td>
<td>The FNMSDUMP data set is not defined on a tape or DASD device. Correctly define the FNMSDUMP data set in the NPM startup procedure to point to a DASD or tape device.</td>
</tr>
<tr>
<td>24</td>
<td>The FNMSDUMP data set is not defined. Define the FNMSDUMP data set in the NPM startup procedure.</td>
</tr>
<tr>
<td>Other</td>
<td>The return code is from the SDUMP macro. If RC=8 is received, a reason_code is also displayed in this message. See the appropriate operating system publication for a complete description of the SDUMP return codes.</td>
</tr>
</tbody>
</table>

For SNAP:

<table>
<thead>
<tr>
<th>Return Code</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>The SNAP macro has completed successfully.</td>
</tr>
<tr>
<td>20</td>
<td>NPM was unable to allocate a data set for SNAP. Correctly define the FNMSNAP data set in the NPM startup procedure.</td>
</tr>
<tr>
<td>Other</td>
<td>The return code is from the SNAP macro. See the appropriate operating system publication for a complete description of the SNAP return codes.</td>
</tr>
</tbody>
</table>
See NPM Installation and Customization for additional information.

**FNM992I** TRAP trap_id DISABLED, COUNT=number

**Explanation:** A trap has been taken up to the maximum number of times specified on the TRAP statement and is now disabled. See NPM Diagnosis for more information about traps.

**System Action:** NPM disables the trap.

**Operator Response:** None.

**Programmer Response:** None.

**FNM993W** HOST COLLECTION INACTIVE, RC=return_code

**Explanation:** NPM cannot collect data from the host. The following list describes the possible return codes:

<table>
<thead>
<tr>
<th>Return Code</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>HOSTCOLL=NO was specified.</td>
</tr>
<tr>
<td>04</td>
<td>SESSNO=0, MAXMON=0, and SMF=NO were specified. Because all these options imply that host collection is not used, HOSTCOLL is set to NO.</td>
</tr>
</tbody>
</table>

**System Action:** NPM resets the options for those portions that depend on host collection being active.

**Operator Response:** Notify your system programmer.

**Programmer Response:** If host collection is required, restart NPM with the proper initialization parameters to activate host collection. See NPM Installation and Customization for more information about the HOSTCOLL parameter.

**FNM994S** SESSION COLLECTION INTERFACE TERMINATED, CODE=completion_code

**Explanation:** The VTAM session collection interface has ended abnormally.

**System Action:** NPM continues processing.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Refer to the system logic error message description.

**FNM996E** APPLICATION DEFINITION FOR RESOURCE resource_name NOT FOUND

**Explanation:** NPM has tried to find a definition for the application specified in the message, but was unsuccessful.

**System Action:** NPM cannot correctly correlate relay session information.

**Operator Response:** Check that the application is defined in the APPL statement of the FNMINIT file. Ensure correct synonym definitions. See NPM Reference for a description of the syntax for the APPL statement.

**Programmer Response:** None.

### NPM 3270 Batch Reports Messages

This section contains NPM batch report messages. Messages are arranged in alphanumeric order from FNM1001T to FNM1027T.

**FNM1001T** UNABLE TO OPEN ddname DATA SET

**Explanation:** The batch reporting program was not able to open the named data set.

**System Action:** The batch reporting program ends.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Verify that the JCL or EXEC data set definitions used to start the batch reporting program are correct for the named data set.

**FNM1002T** UNABLE TO READ FROM ddname DATA SET

**Explanation:** An error occurred while the batch reporting program attempted to read a record from the named data set.

**System Action:** NPM ends the batch reporting program.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Verify that the named data set exists and contains data.
FNM1003T SYNTAX ERROR IN ddname DATA SET

Explanation: The batch reporting program detected a syntax error in the named data set. The line in the data set containing the error follows the error message with the suspected location of the error marked by a $.

System Action: NPM ends the batch reporting program.

Operator Response: Notify your system programmer.

Programmer Response: Customizing any data set, except SYSIN, is not supported. If you modified the data set, return to the original data set shipped with NPM. If the specified data set is SYSIN, or if you did not modify the data set, contact Customer Support.

FNM1004T MISSING KEYWORD IN ddname DATA SET

Explanation: A required keyword definition is missing from the named data set.

System Action: NPM ends the batch reporting program.

Operator Response: Notify your system programmer.

Programmer Response: Customizing any data set, except SYSIN, is not supported. If you modified the data set, return to the original data set shipped with NPM. If the specified data set is SYSIN, or if you did not modify the data set, contact Customer Support.

FNM1005T UNABLE TO CLOSE ddname DATA SET

Explanation: The batch reporting program was could not close the named data set.

System Action: NPM ends the batch reporting program.

Operator Response: Notify your system programmer.

Programmer Response: Verify that the JCL or EXEC data set definitions used to start the batch reporting program are correct for the named data set. See NPM Reports and Record Formats for more information.

FNM1006T UNABLE TO PARSE ddname DATA SET

Explanation: The batch reporting program detected a syntax error in the named data set.

System Action: NPM ends the batch reporting program.

Operator Response: Notify your system programmer.

Programmer Response: Customizing any data set, except SYSIN, is not supported. If you modified the data set, return to the original data set shipped with NPM. If the specified data set is SYSIN, or if you did not modify the data set, contact Customer Support.

FNM1007T INCORRECT NUMBER OF stmtname STATEMENTS IN ddname data set

Explanation: There are too few or too many of stmtname in the named data set.

System Action: NPM ends the batch reporting program.

Operator Response: Notify your system programmer.

Programmer Response: Customizing any data set, except SYSIN, is not supported. If you modified the data set, return to the original data set shipped with NPM. If the specified data set is SYSIN, or if you did not modify the data set, contact Customer Support.

FNM1008T DUPLICATE KEYWORD SPECIFIED IN stmtname STATEMENT IN ddname

Explanation: There is a duplicate keyword specification in the named statement.

System Action: NPM ends the batch reporting program.

Operator Response: Notify your system programmer.

Programmer Response: Customizing any data set, except SYSIN, is not supported. If you modified the data set, return to the original data set shipped with NPM. If the specified data set is SYSIN, or if you did not modify the data set, contact Customer Support.

FNM1009T REQUIRED KEYWORD keyword_name WAS NOT SPECIFIED IN ddname

Explanation: A required keyword is missing.

System Action: NPM ends the batch reporting program.

Operator Response: Notify your system programmer.

Programmer Response: Customizing any data set, except SYSIN, is not supported. If you modified the data set, return to the original data set shipped with NPM. If the specified data set is SYSIN, or if you did not modify the data set, contact Customer Support.

FNM1010T COLUMN VALUES OVERLAP

Explanation: The column positions specified in the COLUMN statements of the REPORTS data set overlap.

System Action: NPM ends the batch reporting program.

Operator Response: Notify your system programmer.

Programmer Response: Customizing any data set, except SYSIN, is not supported. If you modified the data set, return to the original data set shipped with NPM. If the specified data set is SYSIN, or if you did not modify the data set, contact Customer Support.
**FNM1011T UNABLE TO PARSE EXPRESSION**

**Explanation:** The batch reporting program detected an error while attempting to parse a data set. The line in the data set containing the error follows the error message with the suspected location of the error marked by a $.

**System Action:** NPM ends the batch reporting program.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Customizing any data set, except SYSIN, is not supported. If you modified the data set, return to the original data set shipped with NPM. If the specified data set is SYSIN, or if you did not modify the data set, contact Customer Support.

**FNM1012T INVALID EXPRESSION**

**Explanation:** The batch reporting program detected an error while attempting to parse an arithmetic or Boolean expression. If NPM can locate the error, the line in the data set containing the error follows the error message with the suspected location of the error marked by a $.

**System Action:** NPM ends the batch reporting program.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Customizing any data set, except SYSIN, is not supported. If you modified the data set, return to the original data set shipped with NPM. If the specified data set is SYSIN, or if you did not modify the data set, contact Customer Support.

**FNM1013T PAGESIZE TOO SMALL**

**Explanation:** The PAGESIZE value specified in the batch reporting program does not allow enough room on the page for data.

**System Action:** NPM ends the batch reporting program.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Increase the value of the PAGESIZE keyword.

**FNM1014W OPERATOR IN EXPRESSION NOT VALID FOR DATA TYPE(S)**

**Explanation:** The batch reporting program detected an error while attempting to compute the value of an arithmetic or Boolean expression. This can be caused by data that is not valid in the input record or by an expression that is not valid.

**System Action:** NPM sets the result of the expression to NULL and continues processing.

**Operator Response:** Notify your system programmer.

**Programmer Response:** If you are using a CRITERIA statement, make sure you are using valid Boolean expressions. See *NPM Reports and Record Formats* for more information.

**FNM1015I STARTING FNMREPRT EXECUTION**

**Explanation:** The batch reporting program has started processing.

**System Action:** Completes processing.

**Operator Response:** None.

**Programmer Response:** None.

**FNM1016T TITLE LINE TOO LONG**

**Explanation:** The LINESIZE value specified in the batch reporting program does not allow enough room for the entire title.

**System Action:** NPM ends the batch reporting program.

**Operator Response:** Notify your system programmer.

**Programmer Response:** Increase the value of the LINESIZE keyword to allow enough room for the title. The JCL or EXEC data set definitions used to start the batch reporting program might need to be changed by increasing the LRECL of the OUTPUT data set.

**FNM1017I END OF FNMREPRT EXECUTION**

**Explanation:** The batch reporting program has completed processing.

**System Action:** NPM ends the batch reporting program.

**Operator Response:** None.

**Programmer Response:** None.

**FNM1018T STORAGE ALLOCATION ERROR**

**Explanation:** The batch reporting program ran out of internal storage space.

**System Action:** NPM ends the batch reporting program.

**Operator Response:** Notify your system programmer.

**Programmer Response:** See *NPM Diagnosis* for a list of the documentation you should gather before contacting Customer Support.

**FNM1019T STORAGE ALLOCATION ERROR**

**Explanation:** The batch reporting program ran out of internal storage space.

**System Action:** NPM ends the batch reporting program.

**Operator Response:** Notify your system programmer.

**Programmer Response:** See *NPM Diagnosis* for a list of the documentation you should gather before contacting Customer Support.
FNM1020W OPERATOR IN EXPRESSION NOT VALID FOR DIVISION

Explanation: The batch reporting program detected an error while attempting to compute the value of an arithmetic expression. This can be caused by input data that is not valid or an expression that is not valid.

System Action: The result of the expression is set to NULL and processing continues.

Operator Response: If you modified a data set, return it to the original data set shipped with NPM. If you did not modify the data set, check for the variable that contains zero. If it does not contain zero, contact Customer Support.

Programmer Response: None.

FNM1025T NUMBER OF ddbname RECORDS EXCEEDS MAXIMUM

Explanation: The batch reporting program could not process the entire named data set because it is too large.

System Action: NPM ends the batch reporting program.

Operator Response: Notify your system programmer.

Programmer Response: See NPM Diagnosis for a list of the documentation you should gather before contacting Customer Support.

CDI Connection and NetWare Messages

In this section, messages are arranged in alphanumeric order from FNM1100E to FNM1189I.

FNM1100E ERROR REPORTED ON LU lu_name, RC=return_code

Explanation: NPM received a request unit (RU) which has a nonzero error code.

System Action: NPM discards the input request.

Operator Response: Notify your system programmer.

Programmer Response: Verify that the LU session with NPM is still connected.

FNM1101E REQUEST FROM LU lu_name, NOT SUPPORTED, REQUEST=request_key

Explanation: NPM received a request unit (RU) which contained an unsupported request key.

System Action: NPM discards the input request.

Operator Response: Notify your system programmer.

Programmer Response: See NPM Diagnosis for a list of documentation you should gather before contacting Customer Support.

FNM1026W DUPLICATE [SUBTYPE|SYNONYM] VALUES

Explanation: The batch reporting program detected that duplicate values were specified.

System Action: NPM uses the first value specified and continues processing.

Operator Response: None.

Programmer Response: None.

FNM1027T INTERNAL RESOURCE MANAGEMENT ERROR

Explanation: A resource management error occurred in the batch reporting program.

System Action: NPM ends the batch reporting program.

Operator Response: Notify your system programmer.

Programmer Response: Increase the region size, storage size, or both, and restrict the number of resources being summarized using the CRITERIA statement.

FNM1102E UNAUTHORIZED ACCESS BY OPERATOR userid ON LU lu_name

Explanation: Either NPM received a request unit (RU) by userid who is not connected to NPM, or the user identification userid entered in this RU is not correct.

System Action: NPM discards the input request.

Operator Response: Notify your system programmer.

Programmer Response: Verify that the LU session is connected to NPM. Either message FNM1103E or FNM1104E accompanies this message.

FNM1103E OPERATOR userid CURRENTLY NOT LOGGED ONTO NPM

Explanation: NPM received a request unit (RU) by userid who has not successfully connected to NPM.

System Action: NPM discards the input request.

Operator Response: Notify your system programmer.

Programmer Response: Verify that the user has connected to NPM successfully. Use message FNM1102E to determine if the user is an authorized NPM user. If the operator is authorized to connect to NPM, unbind userid using NPM control functions and have the person reconnect to NPM. If the problem persists, contact Customer Support.
FNM1104E OPERATOR userid1 ATTEMPTING REQUEST WITH OPERATOR userid2

Explanation: NPM received a request unit (RU) by userid1 which does not match the NPM operator userid2 already connected for this LU session. If userid1 is authorized to connect to NPM, the request is rejected because userid2 is identified as the operator in the RU.

System Action: NPM discards the input request.

Operator Response: Notify your system programmer.

Programmer Response: Verify if userid2 is a valid NPM operator ID and that the LU session is still connected to NPM. Use message FNM1102E to determine if userid1 is an authorized NPM user. If the operator is authorized to connect to NPM, unbind userid1 using NPM control functions and have the person reconnect to NPM. If the problem persists, contact Customer Support.

FNM1105E FILE file_name IS NOT DEFINED TO NPM

Explanation: One of the following operations was attempted on a file that is not defined to NPM:
- Lock
- Unlock
- Open
- Close
- Switch
- Reset

System Action: The command fails.

Operator Response: Reissue the command using the correct file name.

Programmer Response: None.

FNM1106W NPALU npalu_name IS ALREADY CONNECTED

Explanation: An attempt was made to connect an NPALU that is already connected.

System Action: The command fails.

Operator Response: None.

Programmer Response: None.

FNM1107W NPALU npalu_name IS ALREADY DISCONNECTED

Explanation: An attempt was made to disconnect an NPALU that is already disconnected.

System Action: The command fails.

Operator Response: None.

Programmer Response: None.

FNM1108E REMOTE NPM npm_name IS NOT DEFINED TO NPM

Explanation: One of the following operations was attempted on a remote NPM that is not defined to the local NPM:
- Lock
- Unlock
- Bind
- Unbind

System Action: The command fails.

Operator Response: Reissue the command using the correct remote NPM name.

Programmer Response: None.

FNM1109E GET STORED DATA REQUEST BY userid EXCEEDED MAXIMUM OF maximum_records RECORDS

Explanation: NPM did not process the request for stored data because the number of records requested exceeded the maximum number of records NPM can process.

Message Variable Description
userid The user ID initiating the request.
maximum_records The maximum number of records NPM can process for a request of get stored data.

System Action: The request fails.

Operator Response: Limit the requested data using new date and time threshold values and reissue the request. If the problem persists, notify your system programmer.

Programmer Response: Increase the value of keyword MAXGSD of the BUFFERS statment in the FNMINIT member of the FNMPARM data set.

FNM1112E REQUIRED SUBVECTOR=subvector NOT FOUND

Explanation: NPM cannot create the response request unit, because a request was sent from NPM Console that did not contain the required subvector.

System Action: The input request is discarded.

Operator Response: Reissue the request. If the problem persists, notify your system programmer.

Programmer Response: See NPM Diagnosis or contact Customer Support.
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Explanation</th>
<th>System Action</th>
<th>Operator Response</th>
<th>Programmer Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>FNM1113W</td>
<td>REMOTE NPM npm_name IS ALREADY CONNECTED</td>
<td>An attempt to bind a remote NPM failed because it is already connected to the host NPM.</td>
<td>NPM does not execute the command</td>
<td>None.</td>
<td>None.</td>
</tr>
<tr>
<td>FNM1114W</td>
<td>REMOTE NPM npm_name IS ALREADY DISCONNECTED</td>
<td>An attempt to unbind a remote NPM failed because it is not connected to the host NPM.</td>
<td>NPM does not execute the command</td>
<td>None.</td>
<td>None.</td>
</tr>
<tr>
<td>FNM1115W</td>
<td>REMOTE NPM npm_name IS ALREADY LOCKED</td>
<td>An attempt to lock a remote NPM failed because it is already locked.</td>
<td>NPM does not execute the command</td>
<td>None.</td>
<td>None.</td>
</tr>
<tr>
<td>FNM1116W</td>
<td>REMOTE NPM npm_name IS ALREADY UNLOCKED</td>
<td>An attempt to unlock a remote NPM failed because it is already unlocked.</td>
<td>NPM does not execute the command</td>
<td>None.</td>
<td>None.</td>
</tr>
<tr>
<td>FNM1117W</td>
<td>RTM DATA COLLECTION IS ALREADY ENABLED</td>
<td>An attempt to enable the RTM data collection failed because it is already enabled.</td>
<td>NPM does not execute the command</td>
<td>None.</td>
<td>None.</td>
</tr>
<tr>
<td>FNM1118W</td>
<td>RTM DATA COLLECTION IS ALREADY DISABLED</td>
<td>An attempt to disable the RTM data collection failed because it is already disabled.</td>
<td>NPM does not execute the command</td>
<td>None.</td>
<td>None.</td>
</tr>
<tr>
<td>FNM1119E</td>
<td>RESOURCE resource_name HAS BEEN FOUND WITH A DIFFERENT TYPE</td>
<td>NPM found the resource resource_name, but the type of resource is different than type specified in the request.</td>
<td>NPM does not display the requested information</td>
<td>None.</td>
<td>None.</td>
</tr>
<tr>
<td>FNM1120W</td>
<td>OPERATOR userid LOGGED ON FROM TERMINAL terminal_id WITH MISMATCHING CONVERSATION LEVEL</td>
<td>The host to which you are logged on or connected has a level of maintenance code different than the workstation.</td>
<td>Some of the requests and responses between the workstation and the host may not be recognized causing some errors in NPM functions.</td>
<td>Check the conversation level of the host and NPM Console on the Host Information panel. If the host and the workstation have different levels of maintenance code installed, upgrade so that both are at the same level. Otherwise, if the problem persists, contact your system programmer.</td>
<td>None.</td>
</tr>
<tr>
<td>FNM1121W</td>
<td>THE SESSION WITH LU lu_name HAS BEEN DEALLOCATED, TELEPROCESSING REQUEST BUFFER DEPLETION</td>
<td>The TPRB buffer set during the initialization will be depleted.</td>
<td>NPM deallocates the lU session that has the greatest number of TPRBs outstanding.</td>
<td>Notify your system programmer.</td>
<td>Increase the TPRB parameter in the Buffer Statement field at the initialization.</td>
</tr>
</tbody>
</table>
FNM1150E NETVIEW COMMAND ERROR,REQUEST_ID, ERROR_NUMBER, TIVOLI
NETVIEW PERFORMANCE MONITOR AGENT

Explanation: NetWare for SAA** or NMA for NetView detected error error_code for request request_ID. An explanation for each error number follows:

<table>
<thead>
<tr>
<th>Error code</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>NetWare for SAA or NMA for NetView was unable to carry out the request because of a memory allocation error.</td>
</tr>
<tr>
<td>15</td>
<td>The agent failed registration to open NetView.</td>
</tr>
<tr>
<td>19</td>
<td>No NetView host connection is available through NetWare for SAA or NMA for NetView.</td>
</tr>
<tr>
<td>20</td>
<td>Open NetView Support is not enabled in NetWare for SAA.</td>
</tr>
</tbody>
</table>

System Action: NPM continues processing, but sample data is not sent to the host.

Operator Response: See the following list.

<table>
<thead>
<tr>
<th>Error code</th>
<th>Operator response</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Free some memory.</td>
</tr>
<tr>
<td>15</td>
<td>Unload the agent manually and reload the agent (LOAD IBMNPMAG). Then stop the active host collections for the agent.</td>
</tr>
<tr>
<td>19</td>
<td>To reestablish the connection, see documentation for NetWare for SAA or for NMA for NetView.</td>
</tr>
<tr>
<td>20</td>
<td>To enable support, see documentation for NetWare for SAA or for NMA for NetView.</td>
</tr>
</tbody>
</table>

Programmer Response: None

FNM1151E UNABLE TO ALLOCATE SUFFICIENT MEMORY

Explanation: There is not enough memory to process the host request to start or stop collections.

System Action: The request is not processed.

Operator Response: Free some memory (about 1K).

Programmer Response: None

FNM1152W NETVIEW INTERFACE ERROR OCCURRED, FUNCTION function_name,
RETURN CODE return_code, TIVOLI
NETVIEW PERFORMANCE MONITOR AGENT

Explanation: The Open NetView Interface function function_name returned an error return_code.

System Action: The system continues running but data is not sent to the host.

Operator Response:
- If function is NWNVSend and error code=5, reestablish the connection. To reestablish the connection, see documentation for NetWare for SAA or for NMA for NetView.
- For another function and error code, unload the agent manually and reload the agent (LOAD IBMNPMAG). Then stop the active host collections for the agent.

If the problem continues, notify your system programmer.


FNM1153W INTERNAL PROCESSING ERROR

Explanation: The internal function function_name returned error error_code.

System Action: The system continues running but data is not sent to the host.

Operator Response: Unload the agent manually and reload the agent (LOAD IBMNPMAG). Then stop the active host collections for the agent. If the problem continues, notify your system programmer.

Programmer Response: None.

FNM1154W TIVOLI NETVIEW PERFORMANCE MONITOR AGENT WILL BE DISCONTINUED. UNLOAD MODULE ANYWAY?

Explanation: You are attempting to unload the performance agent manually. There are active collections in progress. If you type 'Y', they will stop abnormally.

System Action: The system waits for your input and continues processing until you type 'Y'.

Operator Response: Type 'Y' to unload the performance agent abnormally. Type 'N' to cancel the request to unload the performance agent.

Programmer Response: None
FNM1170I ACTIVE NETWARE COLLECTIONS FOUND

Explanation: NPM is terminating. The active NetWare collections found will be written to the checkpoint file, FNMLCOLL.

If NPM terminated and there were active NetWare collections and this message occurred during stop, checkpoint processing has taken place. See NPM Diagnosis for more information.

System Action: NPM displays this message on the operator terminal or the system console, and the termination process continues.

Operator Response: None

Programmer Response: None

FNM1171E RESOURCE <1C> ALREADY EXISTS

Explanation: You typed a duplicate LWGRES definition for resource_name. This resource name is already defined to NPM.

System Action: NPM rejects the request.

Operator Response: Check the resource name with your system programmer.

Programmer Response: If you used the same resource name in more than one LWGRES definition statements, check the resource name or service point name to see if they are correct. If not, respecify the resource name and service point name. If they are correct, delete the duplicate definition.

FNM1172E RESOURCE <1C> DOES NOT EXIST

Explanation: An LWGRES OPTION=DELETE was issued for a resource that is not known to NPM.

System Action: NPM does not process the command.

Operator Response: Check the service point name and resource name for the correct spelling. If the spelling is correct, make sure that an LWGRES OPTION=ADD command appears in the FNMSTRT member, or in an exec that was run from the execute member. This defines the NetWare resource to NPM. Then reissue the command.

Programmer Response: None.

FNM1173I DATA FOR <1C> OUT OF SEQUENCE. NOT PROCESSED

Explanation: The interval counter in the current data NMVT is less than the interval counter in the last NMVT received. This means the data NMVT was received out of sequence.

System Action: The out-of-sequence data NMVT is discarded.

Operator Response: If this is a recurring problem, notify the system programmer.

Programmer Response: Check for problems in the network that could cause data to arrive out of sequence.

FNM1174I IPX ERROR WITH <1C>, RC=<1F>

Explanation: The NPM NetWare Agent could not make an IPX connection to collect data from the NetWare network. A NetWare API call failed with the above return code.

System Action: The NPM NetWare Agent could not collect data for the interval.

Operator Response: If the problem continues, notify the system programmer.

Programmer Response: Stop the failing collection, check the NetWare network for problems, and try to correct them before restarting the collection.

FNM1175I DIAGNOSTIC ERROR WITH <1C>, RC=<1F>

Explanation: The NPM NetWare Agent could not collect data from the NetWare network. The diagnostic call was completed with the NetWare completion code in the reply packet with the above return code.

System Action: Data for the interval could not be collected.

Operator Response: If the problem continues, notify the system programmer.

Programmer Response: Stop the failing collection, check the NetWare network for problems, and try to correct them before restarting the collection.

FNM1177I DATA RECEIVED BUT NO ACTIVE COLLECTION FOUND

Explanation: A data NMVT was received by NPM but NPM was unable to correlate the data to an active collection. This occurs if NPM is terminated with active NetWare collections (you receive message FNM1170I) or was abnormally terminated, and restarted with an empty checkpoint file (FNMLCOLL). This causes the NPM NetWare Agent to be out of synchronization with NPM.

If NPM terminated and there were active NetWare collections and this message occurred during restart, checkpoint processing has taken place. See NPM Diagnosis for more information.

System Action: The data NMVT is discarded.

Operator Response: Inform the system programmer.

Programmer Response: To synchronize NPM and the NPM NetWare Agent, try to recycle the NPM NetWare Agents related to the NetWare collections for this NPM.
FNM1178I NETWARE COUNTERS HAVE APPARENTLY BEEN RESET. RECORD FOR RESOURCE <1C> WAS ADJUSTED.

Explanation: When counters that are supposed to increase steadily suddenly return to zero, it means that there is field overflow during an interval.

System Action: NPM adjusts the counter values to minimize the disruption in the normal data, and continues processing.

Operator Response: None.

Programmer Response: Check the interval length. If it is too long it may cause field overflow during an interval. If the problem persists, check the NPM NetWare Agent to see if the counters are being collected correctly.

FNM1179I SEQUENCE NUMBER HIGHER THAN EXPECTED. SOME DATA FOR <1C> MIGHT BE LOST.

Explanation: The sequence number of the current interval counter of data NMVT is higher than expected. This means that one or more interval counters were skipped.

If NPM terminated and there were active NetWare collections and this message occurred during restart, checkpoint processing has taken place. See NPM Diagnosis for more information.

System Action: One or more intervals were skipped. NPM updates the interval counter and continues processing.

Operator Response: If this is a recurring problem, notify the system programmer.

Programmer Response: Check whether the PPI went down with active collections between intervals and then came back up. Check for problems related to the PPI and correct them.

FNM1180I NWCOLL=YES NOT SPECIFIED ON TARGET NPM.

Explanation: This copy of NPM is not available for NetWare collection.

System Action: NPM does not process the request.

Operator Response: Notify your system programmer.

Programmer Response: If NetWare collection should be active in this NPM but is not, correct the initialization file.

FNM1181E NETWORK=network_id, NODEADDR=node_address, SP=service_point ALREADY DEFINED ON TARGET NPM.

Explanation: The combination of the network ID and node address specified on the LWGRES ADD command is identical to the combination of another NetWare resource, with the same SP name, already defined to NPM.

System Action: The LWGRES ADD command fails and the new resource is not defined to NPM.

Operator Response: Ensure that the network ID and node address combination is unique for the service point. Correct the LWGRES command and reenter it.

Programmer Response: None.

FNM1182E MONITOR TYPE monitor_name INVALID FOR SELECTED COUNTER GROUP.

Explanation: The monitor you specified is not valid for the selected counter group. For example, you cannot specify SRVUTIL monitor if the SERVER GLOBAL counter group is not being collected.

System Action: NPM does not process the command.

Operator Response: Check the GROUP and monitor parameters on the LWGCOLL command. Correct the error and reissue the command.

Programmer Response: None.

FNM1183E NO ACTIVE NETWARE COLLECTION. LWGSTOP IGNORED.

Explanation: An LWGSTOP command was requested but no NetWare collections were active.

System Action: NPM does not process the command.

Operator Response: Verify that you selected the correct command.

Programmer Response: None.

FNM1184E START COLLECTION FAILED FOR SP=service_point, RESOURCE=resource_name.

Explanation: The named command failed completely. NPM attempted to start the requested collection for a NetWare resource, but an unrecoverable error situation occurred in the path used for starting the collection (PPI, NetView, or NetWare). Read the previous messages for more information about the failure.

System Action: The command fails.

Operator Response: Based on the message information you have received, correct the condition and retry the command.

Programmer Response: None.

FNM1185E COMMAND command IS A DUPLICATE

Explanation: The entered command has already been issued to NPM and NPM is processing it.

System Action: The command fails.

Operator Response: None.

Programmer Response: None.
FNM1186E COMMAND command REJECTED.
LWGSTOP IN PROGRESS

Explanation: The entered command has been issued while NPM is processing an LWGSTOP command.

System Action: The command fails.

Operator Response: Reenter the command when the LWGSTOP processing is completed (after the LWGSTOP completion message FNM1188).

Programmer Response: None.

FNM1187E STOP COLLECTION FAILED FOR
SP=sp name, AGENT=agent name,
CORRELAT=collection correlator

Explanation: The command fails to stop the specified collection. The causes of the failure can be found in the previous messages in the SYSPRINT (FNM133, FNM136, and others).

System Action: The collection is considered to be already stopped.

Operator Response: Recover the failure situation and stop the collection through the NetView command facility. Refer to the NPM User’s Guide for more information about using the LWGCOLL command to stop active collections.

Programmer Response: None.

FNM1188I COMMAND LWGSTOP COMPLETED SUCCESSFULLY or WITH ERRORS

Explanation: The LWGSTOP command is completed. If completed with errors, each failure can be found in the previous messages in the SYSPRINT.

System Action: None.

Operator Response: Check in the SYSPRINT for single error conditions.

Programmer Response: None.

FNM1189I IN-PROGRESS NETWARE COLLECTIONS FOUND: NO ACTION TAKEN

Explanation: An LWGSTOP command was issued while some commands that start NetWare collections were still being processed.

System Action: None.

Operator Response: If no collections are supposed to remain active, issue the LWGSTOP command again. Refer to the NPM User’s Guide for explanations of using LWGSTOP with active collections.

Programmer Response: None.

NPM TCP/IP TELNET Messages

This section contains messages related to the management of TCP/IP TELNET sessions. These messages are included in a message catalog that must be installed by means of FNMTNMSG sample.

The message catalog used by NPM is stored in the directory /usr/lib/nls/msg/C/tnmsg.cat

The values specified for the NLSPATH and LANG environment variables determine where NPM looks for this message catalog. Change these variables to store the message catalog elsewhere.

If the message catalog does not exist, the software defaults to messages that are hard coded in the software. These messages duplicate the English message catalog that is shipped with the product.

In this section, messages are arranged in alphanumeric order from FNM1200I to FNM1208I.

FNM1200I FNMTLN00: unable to open message catalog fnmtnmsg.cat - error

Explanation: NPM’s TELNET component attempted to open its message catalog, tnmsg.cat, in the message catalog directory. The TELNET component message catalog should have been installed in the /usr/lib/nls/msg/C HFS directory.

System Action: The TELNET component will use the internal default messages instead of the external message catalog.

Operator Response: If use of the external message catalog is desired, correct the indicated error. If the default messages are acceptable, no action is necessary.

Programmer Response: If use of the external message catalog is desired, correct the indicated error. If the default messages are acceptable, no action is necessary.

FNM1201I FNMTLN00: Internal Error code

Explanation: The TELNET component encountered an internal programming error.
<table>
<thead>
<tr>
<th>CODE</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>TELNET component could not get FNMTLN address.</td>
</tr>
<tr>
<td>02</td>
<td>TELNET component could not allocate ioctl buffer.</td>
</tr>
<tr>
<td>03</td>
<td>TELNET component could not allocate IP to LU Map Table.</td>
</tr>
<tr>
<td>04</td>
<td>TELNET component could not allocate LU to IP Map Table.</td>
</tr>
<tr>
<td>05</td>
<td>TELNET component could not allocate a cbUsageEntry.</td>
</tr>
<tr>
<td>06</td>
<td>TELNET component could not allocate new hash table entries.</td>
</tr>
</tbody>
</table>

**System Action:** An automatic restart of the TELNET component is attempted.

**Operator Response:** If possible, recreate the problem with the TELNET component’s trace level set to 2. Contact the NPM administrator.

**Programmer Response:** Error information will be written to either the Syslog Daemon (syslogd) output file as specified in the syslog.conf file or to the SYSPRINT DD. The NPM startup option, sysout, controls which output destination is used by the TELNET component. Contact Customer Support with trace output collected.

**FNM1202I** FNMTLN00: sigaction() failed for signal : reason

**Explanation:** FNMTLN00 encountered an error attempting to set up the signal handler for the signal specified by signal. reason is the error returned by the C runtime library for the failing sigaction() call. If the signal handler is not correctly enabled, the TELNET component will continue processing, but certain functions controlled by the failing signal will not function properly. Functions controlled by the signals are:

**SIGABND**
Handler controls error reporting and cleanup functions when an abend occurs. If sigaction fails for SIGABND and an abend occurs, trace information on the abend will be lost and certain resources may not be properly cleaned up. The TELNET component may not be automatically restarted.

**SIGTERM**
Handler controls cleanup of resources during termination. If sigaction fails for SIGTERM, the TELNET component will not be automatically restarted when a SIGTERM is received.

**SIGPIPE**
Handler allows the TELNET component to detect when the connection has been terminated for some unusual reason. If sigaction fails for SIGPIPE, the TELNET component may either hang or terminate without restart.

**System Action:** Processing continues, however, the functions controlled by the failing signal will not function properly.

**Operator Response:** None.

**FNM1204I** FNMTLN00: SHUTDOWN IN PROGRESS

**Explanation:** FNMTLN00 is permanently ending. This could be caused by a STOP command being issued for the NPM address space. The TELNET component ending will also occur if FNMTLN00 encounters an error too severe to attempt automatic restart.

**System Action:** FNMTLN00 is ended.

**Operator Response:** If the message is issued due to a STOP command, no action is necessary. If this message occurs following an unrecoverable TELNET component error, it will be preceded by one or more error messages indicating the error that caused the TELNET component to be ended. Correct the errors listed by the previous error messages.

**Programmer Response:** If the message is issued due to a STOP command, no action is necessary. If this message occurs following an unrecoverable TELNET component error, it will be preceded by one or more error messages indicating the error that caused the TELNET component to be ended. Correct the errors listed by the previous error messages. NPM must be ended and restarted to restart the TELNET component.

**FNM1205I** FNMTLN00: INITIALIZATION COMPLETE

**Explanation:** The FNMTLN00 has completed initialization and is ready to start processing.

**System Action:** The TELNET component begins processing.

**Operator Response:** None.

**Programmer Response:** None.
FNM1206I FNMTLN00: unable to open UDP socket to TCPIP: error

Explanation: The FNMTLN00 must open a UDP socket to TCP/IP in order to retrieve the TELNET information from that TCP/IP. The TELNET component’s attempt to open the UDP socket failed due to the specified error.

System Action: The TELNET component will automatically attempt to open the socket at the next polling interval.

Operator Response: Correct the problem indicated by error. Refer to the "C/C++ Library Reference" for further explanation of the socket errors.

Programmer Response: Correct the problem indicated by error. Refer to the "C/C++ Library Reference" for further explanation of the socket errors.

FNM1207I FNMTLN00: possible restart loop detected

Explanation: An error occurred in the FNMTLN00 that caused a restart to be attempted. The restart processing determined that the TELNET component had already been restarted multiple times within a short time span and therefore ended the restart processing to prevent a restart loop from occurring.

System Action: The FNMTLN00 is ended. In order to restart the FNMTLN00, NPM must be stopped and restarted.

Operator Response: This message will be preceded by several error messages which will indicate the errors that occurred in the FNMTLN00 to cause the TELNET component to be restarted. Correct the errors indicated by the previous error messages, then stop and restart NPM to restart the FNMTLN00.

Programmer Response: This message will be preceded by several error messages which will indicate the errors that occurred in the FNMTLN00 to cause the TELNET component to be restarted. Correct the errors indicated by the previous error messages, then stop and restart NPM to restart the FNMTLN00.

FNM1208I FNMTLN00: COULD NOT ESTABLISH AFFINITY WITH tcpip_name (error_code/reason)

Explanation: FNMTLN00 attempted to use the OE socket call, setibmopt(), to associate itself with the TCP/IP instance tcpip_name. The setibmopt call failed with the displayed error_code and reason.

System Action: FNMTLN00 continues

Operator Response: The TCP/IP instance’s name was probably not defined correctly to OMVS. Check the SUBFILESYSTYPE NAME for the corresponding TCP/IP instance tcpip_name. The setibmopt call failed with the displayed error_code and reason.

Programmer Response: Correct the error indicated by error_code and reason.

FNM1209I FNMTLN00: FAILED TO OPEN ITS DD ddName FOR TRACE OUTPUT

Explanation: FNMTLN00 was unable to open its DD when trace output was requested.

System Action: NPM will have to be stopped and restarted with the indicated DD defined, if trace is desired from this task.

Operator Response: None.

Programmer Response: None.
Console Messages

This chapter contains NPM Console messages in alphanumeric order from FNM2002I to FNM2090E.

<table>
<thead>
<tr>
<th>Code</th>
<th>Message Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FNM2002I</td>
<td>Logon to NPM successful.</td>
</tr>
<tr>
<td><strong>Explanation:</strong></td>
<td>The connection to the NPM application was successfully established.</td>
</tr>
<tr>
<td><strong>System Action:</strong></td>
<td>The system continues processing.</td>
</tr>
<tr>
<td><strong>User Response:</strong></td>
<td>None.</td>
</tr>
<tr>
<td>FNM2003E</td>
<td>Logon to NPM unsuccessful.</td>
</tr>
<tr>
<td><strong>Explanation:</strong></td>
<td>This is an internal error (Major Vector Error).</td>
</tr>
<tr>
<td><strong>System Action:</strong></td>
<td>The operation requested is not performed.</td>
</tr>
<tr>
<td><strong>User Response:</strong></td>
<td>Contact Customer Support.</td>
</tr>
<tr>
<td>FNM2004E</td>
<td>Logon to NPM unsuccessful.</td>
</tr>
<tr>
<td><strong>Explanation:</strong></td>
<td>This is an internal error (Parsing Error).</td>
</tr>
<tr>
<td><strong>System Action:</strong></td>
<td>The operation requested is not performed.</td>
</tr>
<tr>
<td><strong>User Response:</strong></td>
<td>Contact Customer Support.</td>
</tr>
<tr>
<td>FNM2005E</td>
<td>Logon to NPM unsuccessful.</td>
</tr>
<tr>
<td><strong>Explanation:</strong></td>
<td>This is an internal error (Unknown Error).</td>
</tr>
<tr>
<td><strong>System Action:</strong></td>
<td>The operation requested is not performed.</td>
</tr>
<tr>
<td><strong>User Response:</strong></td>
<td>Contact Customer Support.</td>
</tr>
<tr>
<td>FNM2006I</td>
<td>Logoff from NPM successful.</td>
</tr>
<tr>
<td><strong>Explanation:</strong></td>
<td>The disconnection from the NPM application was successfully executed.</td>
</tr>
<tr>
<td><strong>System Action:</strong></td>
<td>None.</td>
</tr>
<tr>
<td><strong>User Response:</strong></td>
<td>None.</td>
</tr>
<tr>
<td>FNM2007E</td>
<td>Logoff from NPM unsuccessful.</td>
</tr>
<tr>
<td><strong>Explanation:</strong></td>
<td>This is an internal error (Major Vector Error).</td>
</tr>
<tr>
<td><strong>System Action:</strong></td>
<td>The operation requested is not performed.</td>
</tr>
<tr>
<td><strong>User Response:</strong></td>
<td>Contact Customer Support.</td>
</tr>
<tr>
<td>FNM2008E</td>
<td>Logoff from NPM unsuccessful.</td>
</tr>
<tr>
<td><strong>Explanation:</strong></td>
<td>This is an internal error (Parsing Error).</td>
</tr>
<tr>
<td><strong>System Action:</strong></td>
<td>The operation requested is not performed.</td>
</tr>
<tr>
<td><strong>User Response:</strong></td>
<td>Contact Customer Support.</td>
</tr>
<tr>
<td>FNM2009E</td>
<td>Logoff from NPM unsuccessful.</td>
</tr>
<tr>
<td><strong>Explanation:</strong></td>
<td>This is an internal error (Unknown Error).</td>
</tr>
<tr>
<td><strong>System Action:</strong></td>
<td>The operation requested is not performed.</td>
</tr>
<tr>
<td><strong>User Response:</strong></td>
<td>Contact Customer Support.</td>
</tr>
<tr>
<td>FNM2010E</td>
<td>Logon to NPM unsuccessful.</td>
</tr>
<tr>
<td><strong>Explanation:</strong></td>
<td>The server did not respond within the timeout you set.</td>
</tr>
<tr>
<td><strong>System Action:</strong></td>
<td>The request you submitted is cancelled.</td>
</tr>
<tr>
<td><strong>User Response:</strong></td>
<td>If you are logged on, disconnect and set the timeout to a higher value.</td>
</tr>
<tr>
<td>FNM2011E</td>
<td>Logoff from NPM unsuccessful.</td>
</tr>
<tr>
<td><strong>Explanation:</strong></td>
<td>The server did not respond within the timeout you set.</td>
</tr>
<tr>
<td><strong>System Action:</strong></td>
<td>The request you submitted is cancelled.</td>
</tr>
<tr>
<td><strong>User Response:</strong></td>
<td>If you are logged on, disconnect and set the timeout to a higher value.</td>
</tr>
<tr>
<td>FNM2012E</td>
<td>Get Duplicates unsuccessful.</td>
</tr>
<tr>
<td><strong>Explanation:</strong></td>
<td>The server did not respond within the timeout you set.</td>
</tr>
<tr>
<td><strong>System Action:</strong></td>
<td>The request you submitted is cancelled.</td>
</tr>
<tr>
<td><strong>User Response:</strong></td>
<td>If you are logged on, disconnect and set the timeout to a higher value.</td>
</tr>
<tr>
<td>Code</td>
<td>Description</td>
</tr>
<tr>
<td>----------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>FNM2013E</td>
<td>Find Path unsuccessful.</td>
</tr>
<tr>
<td>FNM2014I</td>
<td>Connection stopped.</td>
</tr>
<tr>
<td>FNM2015I</td>
<td>Connection not established.</td>
</tr>
<tr>
<td>FNM2016E</td>
<td>No resource found with the name and type you specified.</td>
</tr>
<tr>
<td>FNM2017E</td>
<td>No message sent.</td>
</tr>
<tr>
<td>FNM2018E</td>
<td>No message sent.</td>
</tr>
<tr>
<td>FNM2019E</td>
<td>No message sent.</td>
</tr>
<tr>
<td>FNM2021E</td>
<td>Find Path unsuccessful.</td>
</tr>
<tr>
<td>FNM2022E</td>
<td>Find Path unsuccessful.</td>
</tr>
<tr>
<td>FNM2023E</td>
<td>Find Path unsuccessful.</td>
</tr>
<tr>
<td>FNM2024E</td>
<td>No message sent.</td>
</tr>
<tr>
<td>FNM2025E</td>
<td>No message sent.</td>
</tr>
<tr>
<td>FNM2026E</td>
<td>Get Duplicates unsuccessful.</td>
</tr>
<tr>
<td>FNM2027E</td>
<td>Get Duplicates unsuccessful.</td>
</tr>
<tr>
<td>FNM2028E</td>
<td>Get Duplicates unsuccessful.</td>
</tr>
</tbody>
</table>
**NPM Messages and Codes**

**2. Console Messages**

**FNM2029E** Get Duplicates unsuccessful.

**Explanation:** This is an internal error (Unknown Error).

**System Action:** The operation requested is not performed.

**User Response:** Contact Customer Support.

**FNM2030W** You logged on host hostname with a mismatching conversation level.

**Explanation:** The host to which you are logged on has a level of maintenance code different from your workstation.

**System Action:** Some of the requests and responses between your workstation and the host may not be recognized, causing some errors in NPM functions.

**User Response:** Check the conversation level of the host and the NPM Console. If the host and the workstation have different levels of maintenance code installed, upgrade so that both are at the same level. If the problem persists, contact your system programmer.

**FNM2031E** No message sent.

**Explanation:** This is an internal error (Encoding Message - Start Data Forwarding - Error).

**System Action:** The operation requested is not performed.

**User Response:** Contact Customer Support.

**FNM2032E** The resource is a container.

**Explanation:** You tried to display a QuickView or searched for a container, not a resource.

**System Action:** The operation requested is not performed.

**User Response:** Use a valid resource name.

**FNM2033I** Starting QuickView unsuccessful.

**Explanation:** The QuickView does not start because there is no collection data available.

**System Action:** None.

**User Response:** None.

**FNM2034E** Starting QuickView unsuccessful.

**Explanation:** The server did not respond within the timeout you set.

**System Action:** The request you submitted is cancelled.

**User Response:** If you are logged on, disconnect and set the timeout to a higher value.

**FNM2035E** Starting QuickView unsuccessful.

**Explanation:** This is an internal error (Unknown Error).

**System Action:** The operation requested is not performed.

**User Response:** Contact Customer Support.

**FNM2036E** Starting QuickView unsuccessful.

**Explanation:** This is an internal error (Major Vector Error).

**System Action:** The operation requested is not performed.

**User Response:** Contact Customer Support.

**FNM2037I** Starting QuickView unsuccessful.

**Explanation:** There are no online counters for the resource.

**System Action:** No data collection is started.

**User Response:** None.

**FNM2038I** Starting QuickView unsuccessful.

**Explanation:** This is an internal error (Unknown Error).

**System Action:** The operation requested is not performed.

**User Response:** Contact Customer Support.

**FNM2039I** Starting QuickView unsuccessful.

**Explanation:** This is an internal error (Major Vector Error).

**System Action:** The operation requested is not performed.

**User Response:** Contact Customer Support.

**FNM2040I** Stopping QuickView unsuccessful.

**Explanation:** The server did not respond within the timeout you set.

**System Action:** The request you submitted is cancelled.

**User Response:** If you are logged on, disconnect and set the timeout to a higher value.

**FNM2041E** Stopping QuickView unsuccessful.

**Explanation:** This is an internal error (Unknown Error).

**System Action:** The operation requested is not performed.

**User Response:** Contact Customer Support.

**FNM2042E** Stopping QuickView unsuccessful.

**Explanation:** This is an internal error (Major Vector Error).

**System Action:** The operation requested is not performed.

**User Response:** Contact Customer Support.

**FNM2043I** Stopping QuickView unsuccessful.

**Explanation:** This is an internal error (Unknown Error).

**System Action:** The operation requested is not performed.

**User Response:** Contact Customer Support.

**FNM2044E** Stopping QuickView unsuccessful.

**Explanation:** This is an internal error (Major Vector Error).

**System Action:** The operation requested is not performed.

**User Response:** Contact Customer Support.
<table>
<thead>
<tr>
<th>Error Code</th>
<th>Description</th>
<th>Explanation</th>
<th>System Action</th>
<th>User Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>FNM2045E</td>
<td>Stopping QuickView unsuccessful.</td>
<td>This is an internal error (Parsing Error).</td>
<td>The operation requested is not performed.</td>
<td>Contact Customer Support.</td>
</tr>
<tr>
<td>FNM2047W</td>
<td>No name specified for the DataView or folder.</td>
<td>No name for the DataView or folder was specified.</td>
<td>If you are creating a DataView, the DataView is not saved. If you are renaming a DataView or folder, the default name is assigned.</td>
<td>Specify a name in the appropriate field.</td>
</tr>
<tr>
<td>FNM2048E</td>
<td>The collection was forced to stop.</td>
<td>The collection was forced to stop.</td>
<td>The system does not receive any more data to display.</td>
<td>Close and restart the QuickView.</td>
</tr>
<tr>
<td>FNM2049E</td>
<td>The resource name has more than 64 characters.</td>
<td>A resource name longer than 64 characters was specified.</td>
<td>None.</td>
<td>Specify a valid resource name.</td>
</tr>
<tr>
<td>FNM2050E</td>
<td>The resource does not match the type you set.</td>
<td>A resource that has a resource type different from the one you set in the DataView Editor, was selected.</td>
<td>None.</td>
<td>Select a valid resource.</td>
</tr>
<tr>
<td>FNM2051E</td>
<td>No resource selected.</td>
<td>No resource was selected.</td>
<td>None.</td>
<td>Select at least one counter.</td>
</tr>
<tr>
<td>FNM2052E</td>
<td>No resource found with this name and type.</td>
<td>A resource with the name and type that you specified is not found in the network.</td>
<td>None.</td>
<td>Specify a valid resource name and type.</td>
</tr>
<tr>
<td>FNM2053E</td>
<td>No message sent.</td>
<td>This is an internal error.</td>
<td>The operation requested is not performed.</td>
<td>Contact Customer Support.</td>
</tr>
<tr>
<td>FNM2054E</td>
<td>Get Stored Data unsuccessful.</td>
<td>The server did not respond within the timeout you set.</td>
<td>The request you submitted is cancelled.</td>
<td>If you are logged on, disconnect and set the timeout to a higher value.</td>
</tr>
<tr>
<td>FNM2055E</td>
<td>Get Stored Data unsuccessful.</td>
<td>This is an internal error (Unknown Error).</td>
<td>The operation requested is not performed.</td>
<td>Contact Customer Support.</td>
</tr>
<tr>
<td>FNM2056E</td>
<td>No name specified for the DataView.</td>
<td>No name for the DataView was specified.</td>
<td>None.</td>
<td>Specify a valid name.</td>
</tr>
<tr>
<td>FNM2057E</td>
<td>No counter selected.</td>
<td>No counter was selected.</td>
<td>None.</td>
<td>Select at least one counter.</td>
</tr>
<tr>
<td>FNM2058E</td>
<td>Too many counters selected.</td>
<td>More than four counters were selected.</td>
<td>None.</td>
<td>Select a maximum of four counters.</td>
</tr>
</tbody>
</table>
FNM2059E  Too many resources specified.
Explanation: More than four resources were specified.
System Action: None.
User Response: Specify a maximum of four resources.

FNM2060E  No resource specified.
Explanation: No resource name was specified.
System Action: None.
User Response: Specify a valid resource name.

FNM2061E  You selected more than one counter for multiple resources or specified more than one resource for multiple counters.
Explanation: You can specify only one counter for multiple resources or one resource for multiple counters.
System Action: None.
User Response: Specify either one counter for multiple resources, or one resource for multiple counters.

FNM2062E  The time is not in the format hh:mm.
Explanation: The From and To time must be in the format hh:mm.
System Action: None.
User Response: Correct the invalid time by using the format hh:mm.

FNM2063E  The dates are not valid.
Explanation: The end date is before the start date.
System Action: None.
User Response: Specify valid dates.

FNM2064I  Start Collection successful.
Explanation: The collection has been started successfully.
System Action: None.
User Response: None.

FNM2065E  No message sent.
Explanation: This is an internal error (Encoding Message - Start Collection - Error).
System Action: The operation requested is not performed.
User Response: Contact Customer Support.

FNM2066E  Start Collection unsuccessful.
Explanation: This is an internal error (Major Vector Error).
System Action: The operation requested is not performed.
User Response: Contact Customer Support.

FNM2067E  Start Collection unsuccessful.
Explanation: This is an internal error (Parsing Error).
System Action: The operation requested is not performed.
User Response: Contact Customer Support.

FNM2068E  Start Collection unsuccessful.
Explanation: This is an internal error (Unknown Error).
System Action: The operation requested is not performed.
User Response: Contact Customer Support.

FNM2069E  Start Collection unsuccessful.
Explanation: The server did not respond within the timeout you set.
System Action: The request you submitted is cancelled.
User Response: If you are logged on, disconnect and set the timeout to a higher value.

FNM2070I  Stop Collection successful.
Explanation: The collection has been stopped successfully.
System Action: None.
User Response: None.

FNM2071E  No message sent.
Explanation: This is an internal error (Encoding Message - Stop Collection - Error).
System Action: The operation requested is not performed.
User Response: Contact Customer Support.

FNM2072E  Stop Collection unsuccessful.
Explanation: This is an internal error (Major Vector Error).
System Action: The operation requested is not performed.
User Response: Contact Customer Support.
FNM2073E Stop Collection unsuccessful.
Explanation: This is an internal error (Parsing Error).
System Action: The operation requested is not performed.
User Response: Contact Customer Support.

FNM2074E Stop Collection unsuccessful.
Explanation: This is an internal error (Unknown Error).
System Action: The operation requested is not performed.
User Response: Contact Customer Support.

FNM2080E Modify Collection unsuccessful.
Explanation: This is an internal error (Unknown Error).
System Action: The operation requested is not performed.
User Response: Contact Customer Support.

FNM2081E Modify Collection unsuccessful.
Explanation: The server did not respond within the timeout you set.
System Action: The request you submitted is cancelled.
User Response: If you are logged on, disconnect and set the timeout to a higher value.

FNM2082E No message sent.
Explanation: This is an internal error (Encoding Message - Resource Details - Error).
System Action: The operation requested is not performed.
User Response: Contact Customer Support.

FNM2083E List Collections unsuccessful.
Explanation: This is an internal error (Major Vector Error).
System Action: The operation requested is not performed.
User Response: Contact Customer Support.

FNM2084E List Collections unsuccessful.
Explanation: This is an internal error (Parsing Error).
System Action: The operation requested is not performed.
User Response: Contact Customer Support.

FNM2085E List Collections unsuccessful.
Explanation: This is an internal error (Unknown Error).
System Action: The operation requested is not performed.
User Response: Contact Customer Support.

FNM2081E List Collections unsuccessful.
Explanation: The server did not respond within the timeout you set.
System Action: The request you submitted is cancelled.
User Response: If you are logged on, disconnect and set the timeout to a higher value.
FNM2086E  List Collections unsuccessful.

Explanation: The server did not respond within the timeout you set.

System Action: The request you submitted is cancelled.

User Response: If you are logged on, disconnect and set the timeout to a higher value.

FNM2088E  The values specified for the start time are out of the valid range.

Explanation: The values specified for the start time are not valid. Valid values are 00-23 for the hour and 00-59 for the minutes.

System Action: None.

User Response: Specify valid values.

FNM2090E  The values specified for the stop time are out of the valid range.

Explanation: The values specified for the stop time are not valid. Valid values are 00-23 for the hour and 00-59 for the minutes.

System Action: None.

User Response: Specify valid values.
Abend Codes

This chapter lists NPM user abend codes in alphanumeric order from U0001 to U4095, with the hexadecimal equivalents for VM/GCS shown in parentheses. A description of each code is listed and when applicable, reason codes with descriptions are also provided.

The abend codes listed here are only for NPM users. For information about abend codes that are not prefaced with a U or for other abend codes, such as system abends, see the appropriate publication for your operating system.

Abend conditions do not normally occur in NPM. If they do, NPM ends immediately and does not attempt to recover. NPM issues message FNM325T when it ends, which provides the abend code describing the abend condition. For additional information about diagnosing abend conditions, see NPM Diagnosis.

If you are running VM in a group control system (GCS) operating environment, user abend messages are in hexadecimal form. If you are running VM in a CMS operating environment, user abend messages are in decimal form. You can identify which operating environment is sending the user abend message by the prefix. A GCS message begins with CSI and a CMS message begins with DMS.

The following examples show how messages appear from GCS and CMS operating environments:

(GCS) MSG FROM NPMID : CSIABD231E Command 'OSRUN' failed - User abend 023-0000

(CMS) DMSABN155T User abend 0035 called from 0098FF9C reason code 00000000

U0001 (X'0001')
Explanation: NPM's main buffer pool has reached its maximum capacity. The number of buffers NPM uses depends on several factors, including the following:
- The number of resources specified for network, session, and LAN data collection
- The number of LAN resources defined to NPM
- The number of records and messages waiting to be written or displayed
- The number of NPM operators currently logged on and the amount of data they are analyzing and displaying.

The BUFSEGS parameter of the BUFFERS initialization statement controls the amount of virtual storage reserved by NPM for its private buffer pool. See NPM Installation and Customization for information about calculating the value for the BUFSEGS parameter.

U0002 (X'0002')
Explanation: A buffer size of zero or a value greater than the maximum buffer size (6188 bytes) was specified.

U0004 (X'0004')
Explanation: NPM tried to free a buffer that was already free.

U0005 (X'0005')
Explanation: The address of the buffer to be freed is not valid. The following list describes possible reasons:
The address of the buffer might be outside the buffer pool.
- The address is not on a buffer segment boundary.
- The buffer prefix indicated that the buffer was not in use.

**U0006 (X'0006')**

**Explanation:** The buffer manager found a buffer that was not used properly. Register 15 contains one of the following reason codes:

<table>
<thead>
<tr>
<th>Reason Code</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>04</td>
<td>The buffer address that was passed to the buffer scanner indicates that the buffer is already allocated.</td>
</tr>
<tr>
<td>08</td>
<td>The buffer address that was passed to the buffer scanner indicates that the buffer was freed earlier.</td>
</tr>
<tr>
<td>0C</td>
<td>The buffer scanner found a buffer that had been overlaid.</td>
</tr>
</tbody>
</table>

**U0017 (X'0011')**

**Explanation:** The requested time delay was more than 24 hours. The maximum time interval for a delayed request is 24 hours.

**U0018 (X'0012')**

**Explanation:** The request for a dispatcher function was not valid. The queue control block has been overlaid.

**U0019 (X'0013')**

**Explanation:** The queue control block (QCB) pool is depleted and the online system cannot operate. The pool can be depleted by having too many outstanding deferred commands.

You can use the QCB keyword of the BUFFERS initialization statement to increase the number of QCBs. Use the control function to monitor the Performance Measurement table and track the number of QCBs currently in use.

**U0020 (X'0014')**

**Explanation:** The teleprocessing function request either failed or is not valid.

Register 15 contains one of the following reason codes:

<table>
<thead>
<tr>
<th>Reason Code</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>04</td>
<td>A teleprocessing executor (TPEX) function code that was not valid was set. The teleprocessing request block (TPRB) might be overlaid.</td>
</tr>
<tr>
<td>08</td>
<td>The node control block (NCB) for an LU was not found.</td>
</tr>
<tr>
<td>0C</td>
<td>The node control block (NCB) cannot be used by VTAM or BSAM.</td>
</tr>
<tr>
<td>10</td>
<td>The pointer to the waiting QCB was zero.</td>
</tr>
</tbody>
</table>

24 The VTAM RECEIVE OPTCD=ANY request failed.
40 The VTAM SETLOGON request failed.

**U0030 (X'001E')**

**Explanation:** The NCB is closed.

**U0034 (X'0022')**

**Explanation:** An error occurred when the system attempted to acquire or free a TPRB.

Register 15 contains one of the following reason codes:

<table>
<thead>
<tr>
<th>Reason Code</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>04</td>
<td>The TPRB pool is depleted. The TPRB pool can be depleted when NPM is collecting data for resources attached to an NCP and the NCP goes into slowdown.</td>
</tr>
<tr>
<td>08</td>
<td>The address of the TPRB passed is not valid.</td>
</tr>
<tr>
<td>0C</td>
<td>The address of the NCB passed is not valid.</td>
</tr>
<tr>
<td>10</td>
<td>The NCB passed is not a file that can use FNMZGTRB.</td>
</tr>
<tr>
<td>14</td>
<td>The TPRB free chain has been broken. Although there are available TPRBs, NPM is unable to address them.</td>
</tr>
<tr>
<td>20</td>
<td>The dynamic NCB pool is depleted.</td>
</tr>
<tr>
<td>24</td>
<td>The TPRB was already free.</td>
</tr>
<tr>
<td>40</td>
<td>The pointer name passed was not valid and could not acquire an NCB.</td>
</tr>
<tr>
<td>48</td>
<td>The name that was passed to acquire an NCB or the address of NCB to be freed was not valid.</td>
</tr>
<tr>
<td>4C</td>
<td>The NCB passed was already freed.</td>
</tr>
</tbody>
</table>

**U0035 (X'0023')**

**Explanation:** An error occurred while the system was formatting a message for NPM.

Register 15 contains one of the following reason codes:

<table>
<thead>
<tr>
<th>Reason Code</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>04</td>
<td>The pointer to the message work area was zero.</td>
</tr>
<tr>
<td>08</td>
<td>The pointer to the message table was zero or the table pointer did not point to a valid message table.</td>
</tr>
<tr>
<td>0C</td>
<td>The message text is not defined for the message.</td>
</tr>
<tr>
<td>10</td>
<td>The pointer to the Message Replacement String table is zero.</td>
</tr>
</tbody>
</table>
The format of the insert parameter list was not specified. The parameter list might be overlaid.

Storage is not available for formatting a message.

The pointer to the Message Replacement String table is zero.

U0038 (X'0026')

Explanation: An unknown data flow control code was received from an LU.

U0048 (X'0030')

Explanation: An error occurred when the system attempted to release a queue resource block (QRB) to enable another process to use a resource.

Register 15 contains one of the following reason codes:

<table>
<thead>
<tr>
<th>Reason Code</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>04</td>
<td>The QRB for a resource was not found. The corresponding FNMEMQ might not have been issued.</td>
</tr>
<tr>
<td>08</td>
<td>The QRB for a resource was found but it was not the process that was currently in control of the resource. A QRB might be overlaid.</td>
</tr>
<tr>
<td>0C</td>
<td>The pointer to QCB in QRB is not zero, which indicates this process was waiting for the release of a resource.</td>
</tr>
<tr>
<td>10</td>
<td>The pointer to the QCB is zero, which indicates that the next process in control of the resource was not waiting for the resource’s release.</td>
</tr>
</tbody>
</table>

U0090 (X'005A')

Explanation: A subroutine that was used to acquire and release VSAM processing request blocks (VSRBs) detected an error.

Register 15 contains the following reason codes:

<table>
<thead>
<tr>
<th>Reason Code</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>04</td>
<td>The VSRB pool is depleted.</td>
</tr>
<tr>
<td>08</td>
<td>The number of requests against one file will exceed the STRNO value.</td>
</tr>
<tr>
<td>0C</td>
<td>The VSRB address that was passed for verification was not valid.</td>
</tr>
<tr>
<td>10</td>
<td>The address of the NCB or the file name is missing.</td>
</tr>
<tr>
<td>14</td>
<td>The address of the NCB for the file was not found.</td>
</tr>
<tr>
<td>20</td>
<td>The address of the VSRB to be freed was not in the pool of VSRBs.</td>
</tr>
<tr>
<td>24</td>
<td>The VSRB is already free.</td>
</tr>
</tbody>
</table>

U0091 (X'005B')

Explanation: An unsupported VSAM function was requested. The incorrect function code is in register 15.

U0092 (X'005C')

Explanation: Presentation services encountered an error while processing a request to display a panel to a terminal.

Register 15 contains one of the following reason codes:

<table>
<thead>
<tr>
<th>Reason Code</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>04</td>
<td>The operating control block (OCB) pointer to the presentation services request block (PSRB) is missing.</td>
</tr>
<tr>
<td>08</td>
<td>An error was found while the system was formatting the Presentation Services Error panel.</td>
</tr>
<tr>
<td>0C</td>
<td>The presentation control table (PCT) pointer in the OCB was zero.</td>
</tr>
<tr>
<td>18</td>
<td>The pointer to the NCB in the TPRB was zero.</td>
</tr>
<tr>
<td>1C</td>
<td>The pointer to the OCB in the NCB was zero or did not point to an OCB.</td>
</tr>
<tr>
<td>20</td>
<td>The pointer to the PCT in the OCB was zero or did not point to a PCT.</td>
</tr>
<tr>
<td>24</td>
<td>The pointer to the TPRB in the PCT was not valid.</td>
</tr>
<tr>
<td>28</td>
<td>The pointer to the OCB in the PSRB was not valid.</td>
</tr>
<tr>
<td>2C</td>
<td>The pointer to the PCT in the OCB was zero or did not point to a PCT.</td>
</tr>
<tr>
<td>30</td>
<td>The request to send data to a terminal was processed while the system was waiting for terminal input.</td>
</tr>
<tr>
<td>34</td>
<td>FNMPSFMT could not format the 3270 data stream.</td>
</tr>
<tr>
<td>38</td>
<td>A previous PCT could not be located.</td>
</tr>
<tr>
<td>40</td>
<td>The input field could not be edited. The PCT is overlaid.</td>
</tr>
<tr>
<td>44</td>
<td>An error was found in the FNMPSLNG input. An attempt to switch the language failed.</td>
</tr>
<tr>
<td>50</td>
<td>Only one outstanding attention routine is allowed. The system received multiple requests.</td>
</tr>
</tbody>
</table>
U0125 (X'007D')
Explanation: The RU received from the NCP was not valid.

U0150 (X'0096')
Explanation: Internal error while establishing ESTAE.

U0151 (X'0097')
Explanation: Internal error while adding recovery resume element.

U0152 (X'0098')
Explanation: Internal error while deleting recovery resume element.

U0230 (X'00E6')
Explanation: The teleprocessing executor (TPEX) function code was not valid. The incorrect function code is in register 15.

U0231 (X'00E7')
Explanation: The TPEX function code was not valid. The incorrect function code is in register 15.

U0250 (X'00FA')
Explanation: The command functions for file services require a QCB pointer to requeue the caller of the command. The QCB pointer is zero.

U0333 (X'014D')
Explanation: A record that is not valid has been queued for output.

U0404 (X'0194')
Explanation: The path information unit (PIU) analysis exit routine that was supplied by NPM has abended. This routine is used if you did not supply an exit routine. Message FNM966S was issued before the abend and the user exit routine referred to in this message was supplied with the NPM product.

U0499 (X'01F3')
Explanation: The graphic subsystem is not link-edited with GDDM* subroutines.

U0500 (X'01F4')
Explanation: NCB pointer to TPRB not valid.

U0501 (X'01F5')
Explanation: VTAM APPC abend return code.

U0502 (X'01F6')
Explanation: NCB type not equal to APPC.

U0503 (X'01F7')
Explanation: Invalid APPC function.

U0504 (X'01F8')
Explanation: NCB pointer to LU62 CB not valid.

U0505 (X'01F9')
Explanation: QCB pointer not in TPRB.

U0506 (X'01FA')
Explanation: NCB pointer not in TPRB.

U0507 (X'01FB')
Explanation: Invalid ATTN event.

U1000 (X'03E8')
Explanation: NPM is unable to open the log file. An error occurred during the open of the log file.

U1001 (X'03E9')
Explanation: A storage allocation failure occurred during initialization. NPM attempted to use storage for its control blocks, but could not obtain enough storage.

Reason Code   Explanation
 04   The control blocks allocated in subpool 2 could not be defined.
 08   The node control blocks could not be allocated.
 12   The presentation services directories in subpool 7 could not be defined.
U1002 (X'03EA')

**Explanation:** A storage allocation failure occurred during initialization. The system attempted to allocate storage for the main NPM control blocks, but insufficient storage was calculated by FNMINO0S0.

U1003 (X'03EB')

**Explanation:** A storage allocation failure occurred during initialization. The system attempted to allocate storage for the NPM configuration table, but insufficient storage was calculated by FNMIN0H0.

U1004 (X'03EB')

**Explanation:**

<table>
<thead>
<tr>
<th>Reason Code</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>08</td>
<td>The FNMSDC00 task was specified more than once.</td>
</tr>
<tr>
<td>10</td>
<td>The FNMCCT00 task was specified more than once.</td>
</tr>
<tr>
<td>12</td>
<td>The FNMCCT00 task was specified more than once.</td>
</tr>
<tr>
<td>16</td>
<td>The FNMVDC00 task was specified more than once.</td>
</tr>
</tbody>
</table>

Remove the duplicate TASK statement from FNMINIT. See NPM Installation and Customization for more information.

U3120 (X'0C30')

**Explanation:** The GETMAIN request failed. Register 2 contains the EBCDIC name of the control block for which NPM is making the storage request. See Chapter 5 [U3120 Register 2 Contents Table](#) for additional information.

Register 15 contains the following reason code:

<table>
<thead>
<tr>
<th>Reason Code</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>04</td>
<td>The requested storage is not available.</td>
</tr>
</tbody>
</table>

U3683 (X'0E63')

**Explanation:** Resource access control facility (RACF) returned a code other than zero to NPM. The reason code issued is the RACF return code. Check the RACF documentation for the meaning of the reason codes, and verify that NPM is APF-authorized for RACF.

U3806 (X'0EDE')

**Explanation:** The module could not be loaded by the operating system and the caller did not specify an error return address.

Register 15 contains one of the following reason codes:

<table>
<thead>
<tr>
<th>Reason Code</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>04</td>
<td>The module was not found by the system load.</td>
</tr>
<tr>
<td>08</td>
<td>The system load routine encountered an I/O error.</td>
</tr>
<tr>
<td>0C</td>
<td>The module was not found in MVS SYS1.LPALIB or in VM as a shared segment.</td>
</tr>
<tr>
<td>14</td>
<td>The page fix for the module failed.</td>
</tr>
<tr>
<td>16</td>
<td>The module cannot be loaded into the common storage area.</td>
</tr>
<tr>
<td>18</td>
<td>The load module is not valid.</td>
</tr>
<tr>
<td>1C</td>
<td>The RMODE=31 is not supported for this module.</td>
</tr>
</tbody>
</table>

U3994 (X'0F9A')

**Explanation:** The operating system you are using is not supported for NPM. NPM runs on OS/390 version 2.5, or later.
U4000-4094 (X'0FA0'–X'0FFE')
Explanation: The operator requested to abend NPM

U3999 (X'0F9F')
Explanation: The trap function specified ACTION=ABEND.

U4000-4094 (X'0FA0'–X'0FFE')
Explanation: The operator requested to abend NPM using problem determination facilities (PDF).

U4095 (X'0FFF')
Explanation: An operator with control authority issued an abend command from a Command field.
Sense Code Problem Determination

This chapter lists the sense codes that you get from other programs while you are using NPM. It includes only those sense codes that have a special interpretation for NPM. You can receive sense codes that are not documented in this chapter. For more information about sense codes, see Systems Network Architecture Formats VTAM Programming and VTAM Messages and Codes for your release of VTAM.

FNM088W Sense Code Table

The following table lists sense codes that can be given in message FNM088W. Use this table to identify and solve the problem. For more information about FNM088W, see “NPM Host Messages” on page 1.

Table 5. FNM088W Sense Code Problem Determination Table

<table>
<thead>
<tr>
<th>RPL Request Code (hex)</th>
<th>VTAM Return Code (hex)</th>
<th>Sense Code (hex)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0801000C</td>
<td>xxxxxxxx</td>
<td>The NCP has received an unknown error with the user sense code of xxxxxxxx. The message, FNM060E, is also issued. See the publications listed at the beginning of this chapter for the meaning of this sense code.</td>
</tr>
<tr>
<td></td>
<td>0805xxxx</td>
<td>0805xxxx</td>
<td>The NPALU is already bound to another NPM. Verify that ISTATUS=ACTIVE is coded in the NCP command in FNMSCMD S or FNMSRTF, with LOGAPPL=NPM coded in the VTAM definition. These parameters cause NPM to automatically bind the NPALU. If another NPM has bound the NPALU, this error is generated.</td>
</tr>
<tr>
<td></td>
<td>0806</td>
<td>08060000</td>
<td>A session collection command is issued for a resource that is unknown to VTAM. The message FNM273E is also issued.</td>
</tr>
<tr>
<td></td>
<td>08090031</td>
<td>08090031</td>
<td>Bind failure: Mismatch of date, time, or NCP load module name. Verify that the VTAMLST data set and the NCP resource resolution table (RRT) used to define the NCP to NPM are the same as those used to define the NCP to the network.</td>
</tr>
<tr>
<td></td>
<td>080E6051</td>
<td>080E6051</td>
<td>Security was other than minimal in the initialization file and the password did not match. The password in the bind is taken from the ANPM statement and matched in the target machine with the password on the VTAM statement located in the initialization file.</td>
</tr>
<tr>
<td></td>
<td>08120001</td>
<td>08120001</td>
<td>There is a mismatch in the maximum resource count between the NCP and NPM. Verify that the VTAMLST data set and the NCP RRT used to define the NCP to NPM are the same as those used to define the NCP to the network. The message FNM054E is also issued. See message FNM054E for additional information.</td>
</tr>
</tbody>
</table>
Table 5. FNM088W Sense Code Problem Determination Table (continued)

<table>
<thead>
<tr>
<th>RPL Request Code (hex)</th>
<th>VTAM Return Code (hex)</th>
<th>Sense Code (hex)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>08122.xxx</td>
<td></td>
<td></td>
<td>NCP could not allocate a control block for network collection on a resource. Collection was not started on resource xxx, where xxx is the offset to the resource in the RU. The number of control blocks that were specified by the MAXTP parameter on the BUILD statement in the NCP generation definition has been depleted.</td>
</tr>
<tr>
<td>08120009</td>
<td></td>
<td></td>
<td>The NCP is in slowdown. No data was received for the interval. Message FNM057W is also issued. See message FNM057W for additional information.</td>
</tr>
<tr>
<td>08121.xxx</td>
<td></td>
<td></td>
<td>The NEO application could not allocate a control block. Collection was not started on xxx, where xxx is the offset to the resource in the RU.</td>
</tr>
<tr>
<td>08260006</td>
<td></td>
<td></td>
<td>The NPA RU command for the NCP is not START, STOP, or FORWARD. Message FNM053E is also issued. See message FNM053E for additional information.</td>
</tr>
<tr>
<td>0833yyyy</td>
<td>0835yyyy</td>
<td></td>
<td>There is a mismatch between the NCP and NPM. The start network data acquisition request unit (RU) is rejected. NCP rejects the RU because at least one resource in the command is not valid for collection. Message FNM052W can also be issued. See message FNM052W for additional information. The last two bytes of the sense code are an index into the RU. This index points to the two-byte network address of the resource that NCP rejected. The following list defines the last four digits of the sense code:</td>
</tr>
<tr>
<td>Term</td>
<td>Meaning</td>
<td></td>
<td></td>
</tr>
<tr>
<td>x</td>
<td>The reason for the error. There are three possible reasons for this error:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Value (hex)</td>
<td>Meaning</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Element address not valid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Inconsistent type information</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>NEO program not NPM capable</td>
<td></td>
<td></td>
</tr>
<tr>
<td>yyy</td>
<td>Is the offset in the RU that is in error.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>If message FNM228W is issued, and more than one resource was in the RU, the RU is sent again, without the rejected resource. Verify the following:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>■ The resource is correctly defined for collection in the NCP definitions. See the appropriate NCP installation publication.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>■ The resource has been dynamically changed and the respective NCP supports dynamic reconfiguration with NPM.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>■ The NCP was correctly defined to NPM.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>■ The VTAMLST data set and the NCP RRT used to define the NCP to NPM are the same as those used to define the NCP to the network.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>084Dxxxx</td>
<td></td>
<td></td>
<td>There is a mismatch between the NCP and NPM. Message FNM052E is also issued. See message FNM052E for additional information. Verify that the VTAMLST data set and the NCP RRT used to define the NCP to NPM are the same as those used to define the NCP to the network.</td>
</tr>
<tr>
<td>0857xxx</td>
<td></td>
<td></td>
<td>The SSCP-LU session required for the processing of a request is not active. If LOGAPPL=NPM in the VTAM definition statement, verify that the NCP was defined to NPM with ISTATUS=INACTIVE.</td>
</tr>
</tbody>
</table>
Table 5. FNM088W Sense Code Problem Determination Table (continued)

<table>
<thead>
<tr>
<th>RPL Request Code (hex)</th>
<th>VTAM Return Code (hex)</th>
<th>Sense Code (hex)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>087D0001</td>
<td>An SSCP has attempted unsuccessfully to reroute a session services request to its destination using one or more adjacent SSCP. This value is sent by either a gateway or a nongateway SSCP when it has exhausted trial and error rerouting. <strong>Note:</strong> This code is used when SSCP rerouting fails completely. The remaining codes (087Dxxxx) are used for failures to reroute to a particular SSCP. For example, they are associated with specific SSCP when information about a rerouting failure is displayed in the node that was trying to reroute. When VTAM receives this sense code for a session initiation, it continues searching through the adjacent SSCP table until the destination LU is found or routing is exhausted.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10050002</td>
<td>For the NCP, the resource count is zero for the START or STOP command. Message FNM056E is also issued. See message FNM056E for additional information.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>146D</td>
<td>The resource is not available. Check OWNER=PARM in SYS1.VTAMLST logmode table and the USS table for the resource.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>27</td>
<td>1471</td>
</tr>
</tbody>
</table>

Sense Codes for VTAM Collections

The following tables list sense codes that you can receive during VTAM collections. They are grouped by type.

Many of these sense codes will also be displayed in messages sent to the system log.

Table 6. Base Component Sense Codes

<table>
<thead>
<tr>
<th>Sense Code</th>
<th>Module Name</th>
<th>Sense Code Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>C2010001</td>
<td>FNMVBCRB</td>
<td>Invalid CRB Size</td>
</tr>
<tr>
<td>C2010002</td>
<td>FNMVBCRB</td>
<td>Invalid scrolling type</td>
</tr>
<tr>
<td>C2010004</td>
<td>FNMVBCRB</td>
<td>Invalid function request</td>
</tr>
<tr>
<td>C2010005</td>
<td>FNMVBCRB</td>
<td>Invalid @ PRODWK in USERWK</td>
</tr>
<tr>
<td>C2010006</td>
<td>FNMVBCRB</td>
<td>CRB not on user W/A</td>
</tr>
<tr>
<td>C2010007</td>
<td>FNMVBCRB</td>
<td>Getmain failed</td>
</tr>
<tr>
<td>C2030004</td>
<td>FNMVBAPI</td>
<td>Unanticipated program check (ABEND)</td>
</tr>
<tr>
<td>C2090001</td>
<td>FNMVBCAL</td>
<td>Named collector not found</td>
</tr>
<tr>
<td>C2090002</td>
<td>FNMVBCAL</td>
<td>VTAM is no longer active</td>
</tr>
<tr>
<td>C20B0001</td>
<td>FNMVBRCN</td>
<td>Recovery already installed</td>
</tr>
<tr>
<td>C20B0002</td>
<td>FNMVBRCN</td>
<td>ESTAE failed</td>
</tr>
</tbody>
</table>

Table 7. Collector Component Sense Codes

<table>
<thead>
<tr>
<th>Sense Code</th>
<th>Module Name</th>
<th>Sense Code Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>C3010001</td>
<td>FNMVCVUA</td>
<td>GMEM of HCB failed</td>
</tr>
<tr>
<td>C3010002</td>
<td>FNMVCVUA</td>
<td>FMEM of HCB failed</td>
</tr>
<tr>
<td>C3010003</td>
<td>FNMVCVUA</td>
<td>Subarea out of bounds</td>
</tr>
<tr>
<td>Sense Code</td>
<td>Module Name</td>
<td>Sense Code Description</td>
</tr>
<tr>
<td>-------------</td>
<td>----------------</td>
<td>--------------------------------------</td>
</tr>
<tr>
<td>C3010004</td>
<td>FNMVCVUA</td>
<td>VRBLK does not exist</td>
</tr>
<tr>
<td>C3010005</td>
<td>FNMVCVUA</td>
<td>VR or TP number is invalid</td>
</tr>
<tr>
<td>C3010006</td>
<td>FNMVCVUA</td>
<td>VR/TP pair is inactive</td>
</tr>
<tr>
<td>C3010007</td>
<td>FNMVCVUA</td>
<td>ABEND limit exceeded</td>
</tr>
<tr>
<td>C3020001</td>
<td>FNMVCAIA</td>
<td>APPLID unknown</td>
</tr>
<tr>
<td>C3020002</td>
<td>FNMVCAIA</td>
<td>APPLID not active</td>
</tr>
<tr>
<td>C3030001</td>
<td>FNMVCADA</td>
<td>APPLID unknown</td>
</tr>
<tr>
<td>C3030002</td>
<td>FNMVCADA</td>
<td>APPLID not active</td>
</tr>
<tr>
<td>C3050001</td>
<td>FNMVCE1A</td>
<td>NCB not located</td>
</tr>
<tr>
<td>C3050002</td>
<td>FNMVCE1A</td>
<td>GMEM failed for HCB</td>
</tr>
<tr>
<td>C3050003</td>
<td>FNMVCE1A</td>
<td>FMEM failed for HCB</td>
</tr>
<tr>
<td>C3050004</td>
<td>FNMVCE1A</td>
<td>Missing important address</td>
</tr>
<tr>
<td>C3060001</td>
<td>FNMVCACA</td>
<td>APPLID unknown</td>
</tr>
<tr>
<td>C3060002</td>
<td>FNMVCACA</td>
<td>APPLID not active</td>
</tr>
<tr>
<td>C3070001</td>
<td>FNMVCAEA</td>
<td>GETMAIN failed</td>
</tr>
<tr>
<td>C3070002</td>
<td>FNMVCAEA</td>
<td>Invalid APPLID</td>
</tr>
<tr>
<td>C3070003</td>
<td>FNMVCAEA</td>
<td>APPLID not opened</td>
</tr>
<tr>
<td>C3070004</td>
<td>FNMVCAEA</td>
<td>No space in HCB</td>
</tr>
<tr>
<td>C3070005</td>
<td>FNMVCAEA</td>
<td>Not an application</td>
</tr>
<tr>
<td>C3070006</td>
<td>FNMVCAEA</td>
<td>Invalid HCB</td>
</tr>
<tr>
<td>C3070007</td>
<td>FNMVCAEA</td>
<td>Invalid processing indicator</td>
</tr>
<tr>
<td>C3070008</td>
<td>FNMVCAEA</td>
<td>Timer expired for SRB</td>
</tr>
<tr>
<td>C3070009</td>
<td>FNMVCAEA</td>
<td>ABEND in user SRB routine</td>
</tr>
<tr>
<td>C307000A</td>
<td>FNMVCAEA</td>
<td>Invalid RETURN_DATA request</td>
</tr>
<tr>
<td>C3090001</td>
<td>FNMVCVRA</td>
<td>Subarea out of bounds</td>
</tr>
<tr>
<td>C3090002</td>
<td>FNMVCVRA</td>
<td>VRBLK does not exist</td>
</tr>
<tr>
<td>C30A0001</td>
<td>FNMVCABA</td>
<td>APPLID unknown</td>
</tr>
<tr>
<td>C30A0002</td>
<td>FNMVCABA</td>
<td>APPLID not active</td>
</tr>
<tr>
<td>C30A0003</td>
<td>FNMVCABA</td>
<td>SESSION not found</td>
</tr>
<tr>
<td>C30A0004</td>
<td>FNMVCABA</td>
<td>SIB not in active state</td>
</tr>
<tr>
<td>C30B0001</td>
<td>FNMVCT1A</td>
<td>NCB not located</td>
</tr>
<tr>
<td>C30B0002</td>
<td>FNMVCT1A</td>
<td>GMEM failed for HCB</td>
</tr>
<tr>
<td>C30B0003</td>
<td>FNMVCT1A</td>
<td>FMEM failed for HCB</td>
</tr>
<tr>
<td>C30B0004</td>
<td>FNMVCT1A</td>
<td>TNSTATS not enabled</td>
</tr>
<tr>
<td>C30C0001</td>
<td>FNMVCASA</td>
<td>Address space unknown</td>
</tr>
<tr>
<td>C30C0002</td>
<td>FNMVCASA</td>
<td>Too many abends</td>
</tr>
<tr>
<td>C30D0001</td>
<td>FNMVCVMA</td>
<td>GMEM of HCB failed</td>
</tr>
<tr>
<td>C30D0002</td>
<td>FNMVCVMA</td>
<td>FMEM of HCB failed</td>
</tr>
<tr>
<td>C30D0003</td>
<td>FNMVCVMA</td>
<td>Subarea out of bounds</td>
</tr>
<tr>
<td>C30D0004</td>
<td>FNMVCVMA</td>
<td>VRBLK does not exist</td>
</tr>
<tr>
<td>C30E0001</td>
<td>FNMVCBAA</td>
<td>Pool ID unknown</td>
</tr>
<tr>
<td>C30F0001</td>
<td>FNMVCT2A</td>
<td>NCB not located</td>
</tr>
<tr>
<td>C30F0002</td>
<td>FNMVCT2A</td>
<td>GMEM failed for HCB</td>
</tr>
<tr>
<td>C30F0003</td>
<td>FNMVCT2A</td>
<td>FMEM failed for HCB</td>
</tr>
</tbody>
</table>
### Table 7. Collector Component Sense Codes (continued)

<table>
<thead>
<tr>
<th>Sense Code</th>
<th>Module Name</th>
<th>Sense Code Description</th>
</tr>
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<tbody>
<tr>
<td>C30F0004</td>
<td>FNMVCT2A</td>
<td>TNSTATS not enabled</td>
</tr>
<tr>
<td>C3100001</td>
<td>FNMVCV2A</td>
<td>Subarea out of bounds</td>
</tr>
<tr>
<td>C3100002</td>
<td>FNMVCV2A</td>
<td>VRBLK does not exist</td>
</tr>
<tr>
<td>C3110001</td>
<td>FNMVCBSA</td>
<td>Pool ID invalid</td>
</tr>
<tr>
<td>C3110002</td>
<td>FNMVCBSA</td>
<td>Pool not in SBF block</td>
</tr>
<tr>
<td>C3120001</td>
<td>FNMVCBEA</td>
<td>Pool ID unknown</td>
</tr>
<tr>
<td>C3120002</td>
<td>FNMVCBEA</td>
<td>HCB GMEM/FMEM failed</td>
</tr>
<tr>
<td>C3130001</td>
<td>FNMVCVSA</td>
<td>Subarea out of bounds</td>
</tr>
<tr>
<td>C3130002</td>
<td>FNMVCVSA</td>
<td>VRBLK does not exist</td>
</tr>
<tr>
<td>C3140001</td>
<td>FNMVCBIA</td>
<td>BPENT not found</td>
</tr>
<tr>
<td>C3140002</td>
<td>FNMVCBIA</td>
<td>GETMAIN failure</td>
</tr>
<tr>
<td>C3140003</td>
<td>FNMVCBIA</td>
<td>Error:residual storage</td>
</tr>
<tr>
<td>C3140004</td>
<td>FNMVCBIA</td>
<td>Unable to categorize TSCB</td>
</tr>
<tr>
<td>C3140005</td>
<td>FNMVCBIA</td>
<td>Unable to access buffer in base or residual</td>
</tr>
<tr>
<td>C3150001</td>
<td>FNMVCBUA</td>
<td>Pool ID unknown</td>
</tr>
<tr>
<td>C3150002</td>
<td>FNMVCBUA</td>
<td>GETMAIN failure</td>
</tr>
<tr>
<td>C3150003</td>
<td>FNMVCBUA</td>
<td>Error processing residual storage</td>
</tr>
<tr>
<td>C3170001</td>
<td>FNMVCAA</td>
<td>GETMAIN failed</td>
</tr>
<tr>
<td>C3180002</td>
<td>FNMVCE2A</td>
<td>GMEM failed for HCB</td>
</tr>
<tr>
<td>C3180003</td>
<td>FNMVCE2A</td>
<td>FMEM failed for HCB</td>
</tr>
<tr>
<td>C3190002</td>
<td>FNMVCE3A</td>
<td>GMEM failed for HCB</td>
</tr>
<tr>
<td>C3190003</td>
<td>FNMVCE3A</td>
<td>FMEM failed for HCB</td>
</tr>
<tr>
<td>C3190005</td>
<td>FNMVCE3A</td>
<td>Missing SRT size</td>
</tr>
<tr>
<td>C31A0001</td>
<td>FNMVCAFA</td>
<td>GETMAIN failed</td>
</tr>
<tr>
<td>C31A0002</td>
<td>FNMVCAFA</td>
<td>FREEMAIN failed</td>
</tr>
<tr>
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<td>FNMVCAFA</td>
<td>APPLID unknown</td>
</tr>
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<td>C31A0004</td>
<td>FNMVCAFA</td>
<td>APPLID not active</td>
</tr>
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<td>C31A0005</td>
<td>FNMVCAFA</td>
<td>Too many abends</td>
</tr>
<tr>
<td>C31B0001</td>
<td>FNMVCAJA</td>
<td>GETMAIN failed</td>
</tr>
<tr>
<td>C31B0002</td>
<td>FNMVCAJA</td>
<td>FREEMAIN failed</td>
</tr>
<tr>
<td>C31B0003</td>
<td>FNMVCAJA</td>
<td>Job not found</td>
</tr>
<tr>
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<td>FNMVCAJA</td>
<td>Too many abends</td>
</tr>
<tr>
<td>C3360007</td>
<td>FNMVCAEB</td>
<td>Invalid processing indicator</td>
</tr>
<tr>
<td>C31C0001</td>
<td>FNMVCXIA</td>
<td>CPB not supplied</td>
</tr>
<tr>
<td>C31C0002</td>
<td>FNMVCXIA</td>
<td>IEF does not exist</td>
</tr>
<tr>
<td>C31C0003</td>
<td>FNMVCXIA</td>
<td>IEF is not valid</td>
</tr>
<tr>
<td>C31C0004</td>
<td>FNMVCXIA</td>
<td>No XCB entries in IEF</td>
</tr>
<tr>
<td>C31C0005</td>
<td>FNMVCXIA</td>
<td>No XCB table address</td>
</tr>
<tr>
<td>C31C0006</td>
<td>FNMVCXIA</td>
<td>XCB is not valid</td>
</tr>
<tr>
<td>C31C0007</td>
<td>FNMVCXIA</td>
<td>Required XCB not found</td>
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<td>C31C0008</td>
<td>FNMVCXIA</td>
<td>Exit type wrong</td>
</tr>
<tr>
<td>C31D0001</td>
<td>FNMVCTMA</td>
<td>Direction Indicator invalid</td>
</tr>
<tr>
<td>C31D0002</td>
<td>FNMVCTMA</td>
<td>Failure acquiring HCB</td>
</tr>
<tr>
<td>C31D0003</td>
<td>FNMVCTMA</td>
<td>SCL not found</td>
</tr>
<tr>
<td>C31E0001</td>
<td>FNMVCT3A</td>
<td>TNSTATS not active</td>
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### Table 7. Collector Component Sense Codes (continued)

<table>
<thead>
<tr>
<th>Sense Code</th>
<th>Module Name</th>
<th>Sense Code Description</th>
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<tbody>
<tr>
<td>C31E0002</td>
<td>FNMVCT3A</td>
<td>Failure acquiring HCB</td>
</tr>
<tr>
<td>C31E0003</td>
<td>FNMVCT3A</td>
<td>SCL not found</td>
</tr>
<tr>
<td>C31F0001</td>
<td>FNMVCT4A</td>
<td>TNSTATS not active</td>
</tr>
<tr>
<td>C31F0002</td>
<td>FNMVCT4A</td>
<td>Failure acquiring HCB</td>
</tr>
<tr>
<td>C31F0003</td>
<td>FNMVCT4A</td>
<td>Invalid direction indicator</td>
</tr>
<tr>
<td>C31F0004</td>
<td>FNMVCT4A</td>
<td>SCL not found</td>
</tr>
<tr>
<td>C31F0005</td>
<td>FNMVCT4A</td>
<td>Device not found</td>
</tr>
<tr>
<td>C3510001</td>
<td>FNMVCPM</td>
<td>GETMAIN error</td>
</tr>
<tr>
<td>C3510002</td>
<td>FNMVCPM</td>
<td>No data to return</td>
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### Table 8. VDC20 Component Sense Codes

<table>
<thead>
<tr>
<th>Sense Code</th>
<th>Module Name</th>
<th>Sense Code Description</th>
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<tbody>
<tr>
<td>C4010000</td>
<td>FNMVDSCH</td>
<td>Undetermined collector re-scan attempt</td>
</tr>
<tr>
<td>C4010001</td>
<td>FNMVDSCH</td>
<td>Retry limit exceeded for FNMVCVL in FNMVDLVR</td>
</tr>
<tr>
<td>C4010002</td>
<td>FNMVDSCH</td>
<td>Retry limit exceeded for FNMVCVR in FNMVDLVR</td>
</tr>
<tr>
<td>C4010003</td>
<td>FNMVDSCH</td>
<td>Retry limit exceeded for FNMVCVS in FNMVVDDR</td>
</tr>
<tr>
<td>C4010004</td>
<td>FNMVDSCH</td>
<td>Retry limit exceeded for FNMVCTS in FNMVDTN</td>
</tr>
<tr>
<td>C4010005</td>
<td>FNMVDSCH</td>
<td>Retry limit exceeded for FNMVCAA in FNMVDLAP</td>
</tr>
<tr>
<td>C4010006</td>
<td>FNMVDSCH</td>
<td>Retry limit exceeded for FNMVCAJ in FNMVDLAP</td>
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</table>

### Table 9. VM Probes Component Sense Codes

<table>
<thead>
<tr>
<th>Sense Code</th>
<th>Module Name</th>
<th>Sense Code Description</th>
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<tbody>
<tr>
<td>C5010001</td>
<td>FNMVEAA</td>
<td>GETMAIN failed</td>
</tr>
<tr>
<td>C5020001</td>
<td>FNMVEAB</td>
<td>APPLID unknown</td>
</tr>
<tr>
<td>C5020002</td>
<td>FNMVEAB</td>
<td>APPLID not active</td>
</tr>
<tr>
<td>C5020003</td>
<td>FNMVEAB</td>
<td>Session not found</td>
</tr>
<tr>
<td>C5020004</td>
<td>FNMVEAB</td>
<td>SIB not in active state</td>
</tr>
<tr>
<td>C5030001</td>
<td>FNMVEAC</td>
<td>APPLID unknown</td>
</tr>
<tr>
<td>C5030002</td>
<td>FNMVEAC</td>
<td>APPLID not active</td>
</tr>
<tr>
<td>C5040001</td>
<td>FNMVEAD</td>
<td>APPLID unknown</td>
</tr>
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<td>C5040002</td>
<td>FNMVEAD</td>
<td>APPLID not active</td>
</tr>
<tr>
<td>C5050001</td>
<td>FNMVEAE</td>
<td>GETMAIN failed</td>
</tr>
<tr>
<td>C5050002</td>
<td>FNMVEAE</td>
<td>Invalid APPLID</td>
</tr>
<tr>
<td>C5050003</td>
<td>FNMVEAE</td>
<td>APPLID not opened</td>
</tr>
<tr>
<td>C5050005</td>
<td>FNMVEAE</td>
<td>Not an application</td>
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<td>C5050008</td>
<td>FNMVEAE</td>
<td>Timer expired</td>
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<tr>
<td>C5050009</td>
<td>FNMVEAE</td>
<td>ABEND in move routine</td>
</tr>
<tr>
<td>C5050065</td>
<td>FNMVEAE</td>
<td>ABEND in probe</td>
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<td>C5050066</td>
<td>FNMVEAE</td>
<td>SCHEDEX failed</td>
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<tr>
<td>C5050067</td>
<td>FNMVEAE</td>
<td>ESTAE failed</td>
</tr>
<tr>
<td>C5060001</td>
<td>FNMVEAF</td>
<td>GETMAIN failed</td>
</tr>
<tr>
<td>C5060002</td>
<td>FNMVEAF</td>
<td>FREEMAIN failed</td>
</tr>
<tr>
<td>C5060003</td>
<td>FNMVEAF</td>
<td>APPLID unknown</td>
</tr>
<tr>
<td>C5060004</td>
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<td>APPLID not active</td>
</tr>
<tr>
<td>C5060005</td>
<td>FNMVEAF</td>
<td>Too many abends</td>
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Table 9. VM Probes Component Sense Codes (continued)

<table>
<thead>
<tr>
<th>Sense Code</th>
<th>Module Name</th>
<th>Sense Code Description</th>
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<tbody>
<tr>
<td>C5070001</td>
<td>FNMVEAI</td>
<td>APPLID unknown</td>
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<tr>
<td>C5070002</td>
<td>FNMVEAI</td>
<td>APPLID not active</td>
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<tr>
<td>C5080001</td>
<td>FNMVEAJ</td>
<td>GETMAIN failed</td>
</tr>
<tr>
<td>C5080002</td>
<td>FNMVEAJ</td>
<td>FREEMAIN failed</td>
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<tr>
<td>C5080003</td>
<td>FNMVEAJ</td>
<td>VIRTUAL MACHINE not found</td>
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<tr>
<td>C5080004</td>
<td>FNMVEAJ</td>
<td>Too many abends</td>
</tr>
<tr>
<td>C5090001</td>
<td>FNMVEAS</td>
<td>VIRTUAL MACHINE unknown</td>
</tr>
<tr>
<td>C5090002</td>
<td>FNMVEAS</td>
<td>Too many abends</td>
</tr>
<tr>
<td>C50A0001</td>
<td>FNMVEBA</td>
<td>Pool ID unknown</td>
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<tr>
<td>C50B0001</td>
<td>FNMVEBE</td>
<td>Pool ID unknown</td>
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<tr>
<td>C50B0002</td>
<td>FNMVEBE</td>
<td>HCB GMEM/FMEM failed</td>
</tr>
<tr>
<td>C50C0001</td>
<td>FNMVEBI</td>
<td>BPENT not found</td>
</tr>
<tr>
<td>C50C0002</td>
<td>FNMVEBI</td>
<td>GETMAIN failed</td>
</tr>
<tr>
<td>C50C0003</td>
<td>FNMVEBI</td>
<td>Error: residual storage</td>
</tr>
<tr>
<td>C50C0004</td>
<td>FNMVEBI</td>
<td>Unable to categorize TSCB</td>
</tr>
<tr>
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<td>FNMVEBS</td>
<td>Pool ID invalid</td>
</tr>
<tr>
<td>C50D0002</td>
<td>FNMVEBS</td>
<td>Pool not in SBF block</td>
</tr>
<tr>
<td>C50E0001</td>
<td>FNMVEBU</td>
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<td>FNMVEBU</td>
<td>GETMAIN failed</td>
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<tr>
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<td>FNMVEBU</td>
<td>Error processing residual storage</td>
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<td>FNMVEE1</td>
<td>NCB not located</td>
</tr>
<tr>
<td>C5100002</td>
<td>FNMVEE1</td>
<td>GMEM failed for HCB</td>
</tr>
<tr>
<td>C5100003</td>
<td>FNMVEE1</td>
<td>FMEM failed for HCB</td>
</tr>
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<td>FNMVEE1</td>
<td>Missing important address</td>
</tr>
<tr>
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<td>FNMVEE1</td>
<td>Missing SRT size</td>
</tr>
<tr>
<td>C5110002</td>
<td>FNMVEE2</td>
<td>GMEM failed for HCB</td>
</tr>
<tr>
<td>C5110002</td>
<td>FNMVEE2</td>
<td>GMEM failed for HCB</td>
</tr>
<tr>
<td>C5110003</td>
<td>FNMVEE2</td>
<td>FMEM failed for HCB</td>
</tr>
<tr>
<td>C5120002</td>
<td>FNMVEE3</td>
<td>GMEM failed for HCB</td>
</tr>
<tr>
<td>C5120003</td>
<td>FNMVEE3</td>
<td>FMEM failed for HCB</td>
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<tr>
<td>C5120005</td>
<td>FNMVEE3</td>
<td>Missing SRT size</td>
</tr>
<tr>
<td>C5140001</td>
<td>FNMVET1</td>
<td>NCB not located</td>
</tr>
<tr>
<td>C5140002</td>
<td>FNMVET1</td>
<td>GMEM failed for HCB</td>
</tr>
<tr>
<td>C5140003</td>
<td>FNMVET1</td>
<td>FMEM failed for HCB</td>
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<td>C5150001</td>
<td>FNMVET2</td>
<td>NCB not located</td>
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<tr>
<td>C5150002</td>
<td>FNMVET2</td>
<td>GMEM failed for HCB</td>
</tr>
<tr>
<td>C5150003</td>
<td>FNMVET2</td>
<td>FMEM failed for HCB</td>
</tr>
<tr>
<td>C5170001</td>
<td>FNMVEVM</td>
<td>GMEM of HCB failed</td>
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<td>C5170002</td>
<td>FNMVEVM</td>
<td>FMEM of HCB failed</td>
</tr>
<tr>
<td>C5170003</td>
<td>FNMVEVM</td>
<td>Subarea out of bounds</td>
</tr>
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<td>C5170004</td>
<td>FNMVEVM</td>
<td>VRBLK does not exist</td>
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<td>FNMVEVR</td>
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</tr>
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<td>FNMVEVR</td>
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<td>FNMVEVS</td>
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<tr>
<td>C5190002</td>
<td>FNMVEVS</td>
<td>VRBLK does not exist</td>
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</table>
### Table 9. VM Probes Component Sense Codes (continued)

<table>
<thead>
<tr>
<th>Sense Code</th>
<th>Module Name</th>
<th>Sense Code Description</th>
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</thead>
<tbody>
<tr>
<td>C51A0001</td>
<td>FNMVEVU</td>
<td>GMEM of HCB failed</td>
</tr>
<tr>
<td>C51A0002</td>
<td>FNMVEVU</td>
<td>FMEM of HCB failed</td>
</tr>
<tr>
<td>C51A0003</td>
<td>FNMVEVU</td>
<td>Subarea out of bounds</td>
</tr>
<tr>
<td>C51A0004</td>
<td>FNMVEVU</td>
<td>VRBLK does not exist</td>
</tr>
<tr>
<td>C51A0005</td>
<td>FNMVEVU</td>
<td>VR or TP number is invalid</td>
</tr>
<tr>
<td>C51A0006</td>
<td>FNMVEVU</td>
<td>VR/TP pair is inactive</td>
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<tr>
<td>C51A0007</td>
<td>FNMVEVU</td>
<td>Abend limit exceeded</td>
</tr>
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<td>C51B0001</td>
<td>FNMVEV2</td>
<td>Subarea out of bounds</td>
</tr>
<tr>
<td>C51B0002</td>
<td>FNMVEV2</td>
<td>VRBLK does not exist</td>
</tr>
<tr>
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<td>FNMVEXI</td>
<td>CPB not supplied</td>
</tr>
<tr>
<td>C52A0002</td>
<td>FNMVEXI</td>
<td>IEF does not exist</td>
</tr>
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<td>FNMVEXI</td>
<td>IEF is not valid</td>
</tr>
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<td>C52A0004</td>
<td>FNMVEXI</td>
<td>No XCB entries in IEF</td>
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<td>FNMVEXI</td>
<td>No XCB table address</td>
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<td>FNMVEXI</td>
<td>XCB is not valid</td>
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<td>C52A0001</td>
<td>FNMVESAF</td>
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</tr>
<tr>
<td>C51D0001</td>
<td>FNMVESAS</td>
<td>Too many abends</td>
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<tr>
<td>C51E0001</td>
<td>FNMVESAX</td>
<td>APPLID not found</td>
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<td>FNMVESAX</td>
<td>Error with recovery</td>
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<td>FNMVESXS</td>
<td>GETMAIN for IWA 'INIT'</td>
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<td>FNMVESXS</td>
<td>GETMAIN for BLOCK 'INIT'</td>
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<tr>
<td>C5260003</td>
<td>FNMVESXS</td>
<td>GETMAIN for BLOCK 'PUT'</td>
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<td>FNMVESXS</td>
<td>Size PARM error 'INIT'</td>
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<td>FNMVESXS</td>
<td>RECNUM error 'PUT'</td>
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<td>FNMVESXS</td>
<td>RECNUM error 'GET'</td>
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<td>C5260007</td>
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<td>CP LOCATE failed</td>
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<td>FNMVESQU</td>
<td>CP QUERY failed</td>
</tr>
<tr>
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<td>FNMVETM</td>
<td>Direction Indicator invalid</td>
</tr>
<tr>
<td>C52B0002</td>
<td>FNMVETM</td>
<td>Failure acquiring HCB</td>
</tr>
<tr>
<td>C52B0003</td>
<td>FNMVETM</td>
<td>SCL not found</td>
</tr>
<tr>
<td>C52C0001</td>
<td>FNMVET3</td>
<td>TNSTATS not active</td>
</tr>
<tr>
<td>C52C0002</td>
<td>FNMVET3</td>
<td>Failure acquiring HCB</td>
</tr>
<tr>
<td>C52C0003</td>
<td>FNMVET3</td>
<td>SCL not found</td>
</tr>
<tr>
<td>C52D0001</td>
<td>FNMVET4</td>
<td>TNSTATS not active</td>
</tr>
<tr>
<td>C52D0002</td>
<td>FNMVET4</td>
<td>Failure acquiring HCB</td>
</tr>
<tr>
<td>C52D0003</td>
<td>FNMVET4</td>
<td>Invalid direction indicator</td>
</tr>
<tr>
<td>C52D0004</td>
<td>FNMVET4</td>
<td>SCL not found</td>
</tr>
<tr>
<td>C52D0005</td>
<td>FNMVET4</td>
<td>Device not found</td>
</tr>
</tbody>
</table>
### Table 9. VM Probes Component Sense Codes (continued)

<table>
<thead>
<tr>
<th>Sense Code</th>
<th>Module Name</th>
<th>Sense Code Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>C52E0001</td>
<td>FNMVESTL</td>
<td>Invalid CPNCB</td>
</tr>
<tr>
<td>C52F0001</td>
<td>FNMVESTM</td>
<td>Can’t find MPNCB</td>
</tr>
<tr>
<td>C52F0002</td>
<td>FNMVESTM</td>
<td>MPNCB invalid</td>
</tr>
</tbody>
</table>

### Table 10. Initialization Component Sense Codes

<table>
<thead>
<tr>
<th>Sense Code</th>
<th>Module Name</th>
<th>Sense Code Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>C9010001</td>
<td>FNMVNUSI</td>
<td>No PROD workarea</td>
</tr>
<tr>
<td>C9010002</td>
<td>FNMVNUSI</td>
<td>MAX users reached</td>
</tr>
<tr>
<td>C9010003</td>
<td>FNMVNUSI</td>
<td>USER W/A create failed</td>
</tr>
<tr>
<td>C9020001</td>
<td>FNMVNINS</td>
<td>NPM is not authorized</td>
</tr>
<tr>
<td>C9020005</td>
<td>FNMVNINS</td>
<td>PROD W/A INSTALL failed</td>
</tr>
<tr>
<td>C9030002</td>
<td>FNMVNLDI</td>
<td>LOAD failed for FNMYZBV</td>
</tr>
<tr>
<td>C9030003</td>
<td>FNMVNLDI</td>
<td>LOAD failed for FNMYZCV</td>
</tr>
<tr>
<td>C9030005</td>
<td>FNMVNLDI</td>
<td>LOAD failed for FNMYZKV</td>
</tr>
<tr>
<td>C9030007</td>
<td>FNMVNLDI</td>
<td>LOAD failed for FNMYZDV1</td>
</tr>
<tr>
<td>C9030008</td>
<td>FNMVNLDI</td>
<td>LOAD failed for FNMYZDV2/D3</td>
</tr>
<tr>
<td>C9030009</td>
<td>FNMVNLDI</td>
<td>LOAD failed for FNMYZSTG</td>
</tr>
<tr>
<td>C903000A</td>
<td>FNMVNLDI</td>
<td>Load failed for FNMYZJV</td>
</tr>
<tr>
<td>C903000B</td>
<td>FNMVNLDI</td>
<td>Load failed for FNMYZGV</td>
</tr>
<tr>
<td>C903000C</td>
<td>FNMVNLDI</td>
<td>Load failed for FNMYZHV</td>
</tr>
<tr>
<td>C9050001</td>
<td>FNMVNREM</td>
<td>Use count not zero</td>
</tr>
<tr>
<td>C9050003</td>
<td>FNMVNREM</td>
<td>PROD failed FREEMAIN</td>
</tr>
<tr>
<td>C9060001</td>
<td>FNMVNUSR</td>
<td>No PROD workarea</td>
</tr>
<tr>
<td>C9060003</td>
<td>FNMVNUSR</td>
<td>FREEING USER W/A failed</td>
</tr>
<tr>
<td>C9060004</td>
<td>FNMVNUSR</td>
<td>Cleanup FREEMAIN failed</td>
</tr>
<tr>
<td>C90B0000</td>
<td>FNMVNVTM</td>
<td>NPM does not support this release of VTAM. NPM needs a compatibility PTF to support this VTAM.</td>
</tr>
<tr>
<td>C90B0064</td>
<td>FNMVNVTM</td>
<td>No ATCVT</td>
</tr>
<tr>
<td>C90B0065</td>
<td>FNMVNVTM</td>
<td>VTAM in termination</td>
</tr>
<tr>
<td>C90B0066</td>
<td>FNMVNVTM</td>
<td>VTAM is swappable</td>
</tr>
<tr>
<td>C90C0001</td>
<td>FNMVNINV</td>
<td>NPM is not authorized</td>
</tr>
<tr>
<td>C90C0005</td>
<td>FNMVNINV</td>
<td>PRODUCT WORKAREA INSTALL failed</td>
</tr>
<tr>
<td>C90E0000</td>
<td>FNMVNSTR</td>
<td>Request timeout exceeded</td>
</tr>
<tr>
<td>C90E0004</td>
<td>FNMVNSTR</td>
<td>Request abended</td>
</tr>
<tr>
<td>C90E0008</td>
<td>FNMVNSTR</td>
<td>Request was cancelled</td>
</tr>
<tr>
<td>C90E000C</td>
<td>FNMVNSTR</td>
<td>Request was cancelled</td>
</tr>
<tr>
<td>C90E0010</td>
<td>FNMVNSTR</td>
<td>VTAM is not available</td>
</tr>
<tr>
<td>C90E0010</td>
<td>FNMVNSTR</td>
<td>VTAM is not available</td>
</tr>
<tr>
<td>C90E0010</td>
<td>FNMVNSTR</td>
<td>VTAM is not available</td>
</tr>
<tr>
<td>C90E0014</td>
<td>FNMVNSTR</td>
<td>Non-zero returned</td>
</tr>
<tr>
<td>C90E018</td>
<td>FNMVNSTR</td>
<td>Service task not available</td>
</tr>
<tr>
<td>C90E01C</td>
<td>FNMVNSTR</td>
<td>SCHEDEX failed</td>
</tr>
<tr>
<td>C90F0001</td>
<td>FNMVNPM</td>
<td>VTAM version does not support PMI</td>
</tr>
<tr>
<td>C90F0002</td>
<td>FNMVNPM</td>
<td>OPEN ACB failure (nn is an ACB ERROR field)</td>
</tr>
<tr>
<td>C90F0003</td>
<td>FNMVNPM</td>
<td>PMI is not available</td>
</tr>
</tbody>
</table>
### Table 10. Initialization Component Sense Codes (continued)

<table>
<thead>
<tr>
<th>Sense Code</th>
<th>Module Name</th>
<th>Sense Code Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>C90F0004</td>
<td>FNMVNPM</td>
<td>GETMAIN failure</td>
</tr>
<tr>
<td>C90F0005</td>
<td>FNMVNPM</td>
<td>Timeout waiting for the message IST097I</td>
</tr>
<tr>
<td>C90F0006</td>
<td>FNMVNPM</td>
<td>timeout waiting for the message IST984I</td>
</tr>
<tr>
<td>C90F0007</td>
<td>FNMVNPM</td>
<td>Invalid VTAM message received</td>
</tr>
<tr>
<td>C90F0008</td>
<td>FNMVNPM</td>
<td>GENCB failure</td>
</tr>
<tr>
<td>C90F0009</td>
<td>FNMVNPM</td>
<td>Bad return code from VTAM macro</td>
</tr>
<tr>
<td>C90F000A</td>
<td>FNMVNPM</td>
<td>PMI is supported, but the ACB name is not provided</td>
</tr>
<tr>
<td>C90Finn0B</td>
<td>FNMVNPM</td>
<td>Message IST985I was received, where nn is the failure code from the message</td>
</tr>
<tr>
<td>C90F000C</td>
<td>FNMVNPM</td>
<td>Message IST453I was received, possibly indicating that another monitor has activated the PMI exit</td>
</tr>
<tr>
<td>C9100001</td>
<td>FNMVNPM</td>
<td>Invalid VTAM message was received</td>
</tr>
</tbody>
</table>

### Table 11. Collector Subroutines Component Sense Codes

<table>
<thead>
<tr>
<th>Sense Code</th>
<th>Module Name</th>
<th>Sense Code Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>D2010001</td>
<td>FNMVKAPA</td>
<td>Too many ABENDs</td>
</tr>
<tr>
<td>D2020001</td>
<td>FNMVKASA</td>
<td>Too many ABENDs</td>
</tr>
<tr>
<td>D2030001</td>
<td>FNMVKAXA</td>
<td>APPLID not found</td>
</tr>
<tr>
<td>D2030002</td>
<td>FNMVKAXA</td>
<td>error with recovery</td>
</tr>
<tr>
<td>D20A0001</td>
<td>FNMVKXSA</td>
<td>GETMAIN for IWA 'INIT'</td>
</tr>
<tr>
<td>D20A0002</td>
<td>FNMVKXSA</td>
<td>GETMAIN for BLOCK 'INIT'</td>
</tr>
<tr>
<td>D20A0003</td>
<td>FNMVKXSA</td>
<td>GETMAIN for BLOCK 'PUT'</td>
</tr>
<tr>
<td>D20A0004</td>
<td>FNMVKXSA</td>
<td>Size PARM error 'INIT'</td>
</tr>
<tr>
<td>D20A0005</td>
<td>FNMVKXSA</td>
<td>RECNUM error 'PUT'</td>
</tr>
<tr>
<td>D20A0006</td>
<td>FNMVKXSA</td>
<td>RECNUM error 'GET'</td>
</tr>
<tr>
<td>D20A0007</td>
<td>FNMVKXSA</td>
<td>IWA/storage error 'PUT'</td>
</tr>
<tr>
<td>D20A0008</td>
<td>FNMVKXSA</td>
<td>IWA/storage error 'GET'</td>
</tr>
<tr>
<td>D20A0009</td>
<td>FNMVKXSA</td>
<td>Invalid IWA</td>
</tr>
<tr>
<td>D20C0001</td>
<td>FNMVKSDA</td>
<td>CSA GETMAIN failed</td>
</tr>
<tr>
<td>D20D0000</td>
<td>FNMVKCTB</td>
<td>Request timeout exceeded</td>
</tr>
<tr>
<td>D20D0004</td>
<td>FNMVKCTB</td>
<td>Request ABENDed</td>
</tr>
<tr>
<td>D20D0008</td>
<td>FNMVKCTB</td>
<td>Request cancelled</td>
</tr>
<tr>
<td>D20D000C</td>
<td>FNMVKCTB</td>
<td>Request invalid</td>
</tr>
<tr>
<td>D20D0010</td>
<td>FNMVKCTB</td>
<td>VTAM is not available</td>
</tr>
<tr>
<td>D20D0014</td>
<td>FNMVKCTB</td>
<td>Request returned non-zero</td>
</tr>
<tr>
<td>D20D0018</td>
<td>FNMVKCTB</td>
<td>Collector task not available</td>
</tr>
<tr>
<td>D20D001C</td>
<td>FNMVKCTB</td>
<td>SCHEDEX request failed</td>
</tr>
<tr>
<td>D20F0001</td>
<td>FNMVKTMA</td>
<td>Invalid CPNCB</td>
</tr>
<tr>
<td>D2100001</td>
<td>FNMVKTLA</td>
<td>Can’t find MPNCB</td>
</tr>
<tr>
<td>D2100002</td>
<td>FNMVKTLA</td>
<td>MPNCB invalid</td>
</tr>
</tbody>
</table>

### Table 12. VM Primitives Component Sense Codes

<table>
<thead>
<tr>
<th>Sense Code</th>
<th>Module Name</th>
<th>Sense Code Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>D8030000</td>
<td>FNMVQCP0</td>
<td>Invalid task specified for START or QUIESCE</td>
</tr>
<tr>
<td>D8040000</td>
<td>FNMVQCP1</td>
<td>Null scan ( no tokens found )</td>
</tr>
</tbody>
</table>
### Table 12. VM Primitives Component Sense Codes (continued)

<table>
<thead>
<tr>
<th>Sense Code</th>
<th>Module Name</th>
<th>Sense Code Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>D8040004</td>
<td>FNMVQCP1</td>
<td>Invalid or incorrect syntax</td>
</tr>
<tr>
<td>D8040008</td>
<td>FNMVQCP1</td>
<td>Parse ABENDed</td>
</tr>
<tr>
<td>D8050000</td>
<td>FNMVQCP2</td>
<td>Request timeout exceeded</td>
</tr>
<tr>
<td>D8050004</td>
<td>FNMVQCP2</td>
<td>Request ABENDed</td>
</tr>
<tr>
<td>D8050008</td>
<td>FNMVQCP2</td>
<td>Request cancelled</td>
</tr>
<tr>
<td>D805008</td>
<td>FNMVQCP2</td>
<td>Request cancelled</td>
</tr>
<tr>
<td>D805000C</td>
<td>FNMVQCP2</td>
<td>Request invalid</td>
</tr>
<tr>
<td>D8050010</td>
<td>FNMVQCP2</td>
<td>VTAM is not available</td>
</tr>
<tr>
<td>D8050014</td>
<td>FNMVQCP2</td>
<td>Request returned non-zero</td>
</tr>
<tr>
<td>D8050018</td>
<td>FNMVQCP2</td>
<td>Service task not available</td>
</tr>
<tr>
<td>D80501C</td>
<td>FNMVQCP2</td>
<td>Insufficient memory</td>
</tr>
<tr>
<td>D8050020</td>
<td>FNMVQCP2</td>
<td>LOAD of FNMVZSTG failed</td>
</tr>
<tr>
<td>D8050024</td>
<td>FNMVQCP2</td>
<td>Unable to set recovery</td>
</tr>
<tr>
<td>D8060000</td>
<td>FNMVQCP3</td>
<td>Request ABENDed</td>
</tr>
<tr>
<td>D8060004</td>
<td>FNMVQCP3</td>
<td>LOAD of FNMVZSTG failed</td>
</tr>
<tr>
<td>D8060008</td>
<td>FNMVQCP3</td>
<td>Recovery set failed</td>
</tr>
<tr>
<td>D8080000</td>
<td>FNMVQCT1</td>
<td>Recovery set failed</td>
</tr>
<tr>
<td>D8080004</td>
<td>FNMVQCT1</td>
<td>Maximum ABENDs reached</td>
</tr>
<tr>
<td>D8090000</td>
<td>FNMVQCT2</td>
<td>Subtask currently active</td>
</tr>
<tr>
<td>D8090004</td>
<td>FNMVQCT2</td>
<td>Request ABENDed</td>
</tr>
<tr>
<td>D8090008</td>
<td>FNMVQCT2</td>
<td>ATTACH failed</td>
</tr>
<tr>
<td>D809000C</td>
<td>FNMVQCT2</td>
<td>Unable to set error recovery</td>
</tr>
<tr>
<td>D809010</td>
<td>FNMVQCT2</td>
<td>VTAM is not active</td>
</tr>
<tr>
<td>D80A0000</td>
<td>FNMVQCT3</td>
<td>Collector task not active</td>
</tr>
<tr>
<td>D80A0004</td>
<td>FNMVQCT3</td>
<td>Request ABENDed</td>
</tr>
<tr>
<td>D80A0008</td>
<td>FNMVQCT3</td>
<td>Recovery set failed</td>
</tr>
<tr>
<td>D80C0000</td>
<td>FNMVQST1</td>
<td>Unable to set error recovery</td>
</tr>
<tr>
<td>D80C0004</td>
<td>FNMVQST1</td>
<td>Maximum ABENDs reached</td>
</tr>
<tr>
<td>D80D0000</td>
<td>FNMVQST2</td>
<td>Subtask currently active</td>
</tr>
<tr>
<td>D80D0004</td>
<td>FNMVQST2</td>
<td>Request ABENDed</td>
</tr>
<tr>
<td>D80D0008</td>
<td>FNMVQST2</td>
<td>ATTACH failed</td>
</tr>
<tr>
<td>D80D000C</td>
<td>FNMVQST2</td>
<td>Unable to set error recovery</td>
</tr>
<tr>
<td>D80D0010</td>
<td>FNMVQST2</td>
<td>LOAD of FNMVZSTG failed</td>
</tr>
<tr>
<td>D80E0000</td>
<td>FNMVQST3</td>
<td>Service task is not active</td>
</tr>
<tr>
<td>D80E0004</td>
<td>FNMVQST3</td>
<td>Request ABENDed</td>
</tr>
<tr>
<td>D80E0008</td>
<td>FNMVQST3</td>
<td>LOAD of FNMVZSTG failed</td>
</tr>
<tr>
<td>D80E000C</td>
<td>FNMVQST3</td>
<td>Recovery set failed</td>
</tr>
<tr>
<td>D8100000</td>
<td>FNMVQVBS</td>
<td>GETMAIN failed</td>
</tr>
<tr>
<td>D8100004</td>
<td>FNMVQVBS</td>
<td>Invalid request</td>
</tr>
<tr>
<td>D8110000</td>
<td>FNMVQVRR</td>
<td>GETMAIN failed</td>
</tr>
<tr>
<td>D8110004</td>
<td>FNMVQVRR</td>
<td>Invalid request</td>
</tr>
<tr>
<td>D8110008</td>
<td>FNMVQVRR</td>
<td>ESTAE failed</td>
</tr>
<tr>
<td>D811000C</td>
<td>FNMVQVRR</td>
<td>Recovery stack overflow</td>
</tr>
<tr>
<td>D8110010</td>
<td>FNMVQVRR</td>
<td>Recovery element not found</td>
</tr>
<tr>
<td>D8120000</td>
<td>FNMVQCP4</td>
<td>Request timeout exceeded</td>
</tr>
</tbody>
</table>
### Table 12. VM Primitives Component Sense Codes (continued)

<table>
<thead>
<tr>
<th>Sense Code</th>
<th>Module Name</th>
<th>Sense Code Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>D8120004</td>
<td>FNMVQCP4</td>
<td>Request ABENDed</td>
</tr>
<tr>
<td>D8120008</td>
<td>FNMVQCP4</td>
<td>Request cancelled</td>
</tr>
<tr>
<td>D812000C</td>
<td>FNMVQCP4</td>
<td>VTAM invalid</td>
</tr>
<tr>
<td>D8120010</td>
<td>FNMVQCP4</td>
<td>VTAM is not available</td>
</tr>
<tr>
<td>D8120014</td>
<td>FNMVQCP4</td>
<td>Request returned non-zero</td>
</tr>
<tr>
<td>D8120018</td>
<td>FNMVQCP4</td>
<td>Collector task not available</td>
</tr>
<tr>
<td>D812001C</td>
<td>FNMVQCP4</td>
<td>Insufficient memory</td>
</tr>
<tr>
<td>D8120020</td>
<td>FNMVQCP4</td>
<td>LOAD of FNMVZSTG failed</td>
</tr>
<tr>
<td>D8120024</td>
<td>FNMVQCP4</td>
<td>Unable to set recovery</td>
</tr>
<tr>
<td>D8120028</td>
<td>FNMVQCP4</td>
<td>Probe name invalid</td>
</tr>
<tr>
<td>D812002C</td>
<td>FNMVQCP4</td>
<td>DEBUG not active</td>
</tr>
</tbody>
</table>

### Table 13. PMI Collector Routines Sense Codes

<table>
<thead>
<tr>
<th>Sense Code</th>
<th>Module Name</th>
<th>Sense Code Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>D1010001</td>
<td>FNMVJSC</td>
<td>Attempt to start collect on undefined VRs</td>
</tr>
<tr>
<td>D1010002</td>
<td>FNMVJSC</td>
<td>Attempt to start collect DSA in which all VRs are undefined</td>
</tr>
<tr>
<td>D1020001</td>
<td>FNMVJTTC</td>
<td>Attempt to stop collect on an undefined VR</td>
</tr>
<tr>
<td>D1030001</td>
<td>FNMVJCD</td>
<td>Start collect not active for request category, subcategory, or resource</td>
</tr>
<tr>
<td>D1030002</td>
<td>FNMVJCD</td>
<td>Collect data attempted on an inactive VR</td>
</tr>
<tr>
<td>D1030003</td>
<td>FNMVJCD</td>
<td>No RTP collection vectors (RTPCUS)</td>
</tr>
<tr>
<td>D1040001</td>
<td>FNMVJLV</td>
<td>Unexpected VTAM message received</td>
</tr>
<tr>
<td>D1070001</td>
<td>FNMVJRN</td>
<td>Unexpected VTAM message received</td>
</tr>
</tbody>
</table>

### Table 14. PMI Subroutines Sense Codes

<table>
<thead>
<tr>
<th>Sense Code</th>
<th>Module Name</th>
<th>Sense Code Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>C7010001</td>
<td>FNMVGPM</td>
<td>PMI not available</td>
</tr>
<tr>
<td>C7010002</td>
<td>FNMVGPM</td>
<td>CNM response timeout</td>
</tr>
<tr>
<td>C7010003</td>
<td>FNMVGPM</td>
<td>PMI exit timeout</td>
</tr>
<tr>
<td>C7010004</td>
<td>FNMVGPM</td>
<td>Bad VTAM return code or feedback or both</td>
</tr>
<tr>
<td>C701XXXX</td>
<td>FNMVGPM</td>
<td>XXXX represents the first half of a VTAM sense code. Refer to the other tables in &quot;Sense Codes for VTAM Collections&quot; on page 117 for further information.</td>
</tr>
<tr>
<td>C701081C</td>
<td>FNMVGPM</td>
<td>An abend occurred within VTAM while processing the request.</td>
</tr>
<tr>
<td>C7070002</td>
<td>FNMVGSP</td>
<td>Received unexpected IST984I message from VTAM</td>
</tr>
<tr>
<td>C7090001</td>
<td>FNMVGSP</td>
<td>Bad return code from VTAM</td>
</tr>
<tr>
<td>C7090002</td>
<td>FNMVGSP</td>
<td>Unexpected message received from VTAM</td>
</tr>
<tr>
<td>C7090003</td>
<td>FNMVGSP</td>
<td>Timeout waiting for message from VTAM</td>
</tr>
<tr>
<td>C7090004</td>
<td>FNMVGSP</td>
<td>The message IST314I has already been received</td>
</tr>
<tr>
<td>C7090005</td>
<td>FNMVGSP</td>
<td>The PMI is not available</td>
</tr>
<tr>
<td>C70A0001</td>
<td>FNMVGRST</td>
<td>ACB re-OPEN attempt limit exceeded</td>
</tr>
<tr>
<td>C70A0002</td>
<td>FNMVGRST</td>
<td>ACB OPEN limit exceeded</td>
</tr>
<tr>
<td>C70A0003</td>
<td>FNMVGRST</td>
<td>Recovery of PMI interface already in progress</td>
</tr>
<tr>
<td>C70A0004</td>
<td>FNMVGRST</td>
<td>Invalid RTP collection vector (RTPCV)</td>
</tr>
</tbody>
</table>
U3120 Register 2 Contents Table

The following table lists the possible contents of register 2 when you receive the U3120 abend code. Use this table to identify and solve the problem. For more information about U3120, see Chapter 3, [Abend Codes](#).

Table 15. U3120 Register 2 Contents

<table>
<thead>
<tr>
<th>Contents (hex)</th>
<th>Character</th>
<th>Descriptive Name</th>
<th>Storage Area</th>
<th>Corrective Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>C2E4C640</td>
<td>BUF</td>
<td>Private Buffer Pool</td>
<td>Private (user)</td>
<td>Increase the region size, reduce the value of the BUFSEGS parameters in the BUFFERS initialization statement in the FNMINIT data set, or both.</td>
</tr>
<tr>
<td>C3C2E240</td>
<td>CBS</td>
<td>NPM Control Blocks</td>
<td>Private (user)</td>
<td>Increase the region size.</td>
</tr>
<tr>
<td>C3C3C240</td>
<td>CCB</td>
<td>Console Command Block</td>
<td>Private (user)</td>
<td>Reduce the rate at which console commands are issued for NPM.</td>
</tr>
<tr>
<td>C3C2E240</td>
<td>CBS</td>
<td>NPM Control Blocks</td>
<td>Private (user)</td>
<td>Increase the region size.</td>
</tr>
<tr>
<td>C3D7E340</td>
<td>CPT</td>
<td>Configuration Tables</td>
<td>Private (user)</td>
<td>Reduce the value of the MAXL parameters, increase the region size, or both. MAXL parameters are found in the APPL, CDRM, and HOST initialization statements in the FNMINIT data set, and in the NCP command in the FNMSCMDS data set.</td>
</tr>
<tr>
<td>C6C1E340</td>
<td>FAT</td>
<td>File Address Table</td>
<td>Private (user)</td>
<td>Increase the region size.</td>
</tr>
<tr>
<td>C6E2C240</td>
<td>FSB</td>
<td>File Service Buffers</td>
<td>Private (user)</td>
<td>Reduce the value of the FSTBUFS parameters in the BUFFERS initialization statement in the FNMINIT data set. If the abend occurs during NPM execution, check the File Service tasks for a hung condition.</td>
</tr>
<tr>
<td>C9D6C240</td>
<td>IOB</td>
<td>I/O Buffer</td>
<td>Private (user)</td>
<td>Increase the region size.</td>
</tr>
<tr>
<td>D7C3E340</td>
<td>PCT</td>
<td>Presentation Control Table</td>
<td>Private (user)</td>
<td>Increase the region size.</td>
</tr>
<tr>
<td>E2C3C240</td>
<td>SCB</td>
<td>Session Control Block</td>
<td>CSA</td>
<td>Reduce the value of the MAXL parameters or set SESSCOLL=NO in the NCP command. MAXL parameters are found in the APPL, CDRM, and HOST initialization statements in the FNMINIT data set, and in the NCP command in FNMSCMDS data set.</td>
</tr>
<tr>
<td>Contents (hex)</td>
<td>Character</td>
<td>Descriptive Name</td>
<td>Storage Area</td>
<td>Corrective Action</td>
</tr>
<tr>
<td>---------------</td>
<td>-----------</td>
<td>--------------------------</td>
<td>--------------</td>
<td>-----------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>E2C4E340</td>
<td>SDT</td>
<td>Session Data Table</td>
<td>CSA</td>
<td>Reduce the amount of common storage area (CSA) required by doing one of the following:</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>- Reduce the value of MAXL parameters on the APPL, CDRM, and HOST initialization statements in the FNMINIT data set</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>- Reduce the value of the MAXL parameters or set SESSCOLL=NO on all NCP commands</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>- Reduce the number of resources on which you are collecting data.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>You can also increase the amount of CSA available to NPM by increasing the value of the SESSNO parameter on the BUFFERS initialization statement in the FNMINIT data set.</td>
</tr>
</tbody>
</table>
NPM runs a verification check on all requests made between NPM and NetWare systems. If NPM determines that a request is not formatted correctly or that an error condition exists, message FNM799S is formatted and returned to the calling NPM system (see message FNM799S on page 73).

The logic error is traced on the NPM system that detected the error. You can use a trap function to gather diagnostic data about the error condition. See *NPM Diagnosis* for more information about traps.

<table>
<thead>
<tr>
<th>Code</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
<td>The parameters passed to the ESTAE routines are not valid.</td>
</tr>
<tr>
<td>002</td>
<td>The level 1 key is not defined.</td>
</tr>
<tr>
<td>003</td>
<td>Level 2 requests were not indicated.</td>
</tr>
<tr>
<td>004</td>
<td>The end of input was passed while the system was processing level 1 keys.</td>
</tr>
<tr>
<td>005</td>
<td>Repeated the fields, but no match was found.</td>
</tr>
<tr>
<td>006</td>
<td>An unsupported level 2 key was found.</td>
</tr>
<tr>
<td>007</td>
<td>The accumulated field is not for traffic or transit data.</td>
</tr>
<tr>
<td>008</td>
<td>The triggers were not indicated on the LU names.</td>
</tr>
<tr>
<td>009</td>
<td>The indicated trigger is not supported.</td>
</tr>
<tr>
<td>010</td>
<td>The system is scrolling, but the secondary name is not found.</td>
</tr>
<tr>
<td>011</td>
<td>The level 1 key is not defined.</td>
</tr>
<tr>
<td>012</td>
<td>The level 2 request is not indicated.</td>
</tr>
<tr>
<td>013</td>
<td>The end of input was passed while the system was processing level 1 keys.</td>
</tr>
<tr>
<td>014</td>
<td>Repeated the fields, but no match was found.</td>
</tr>
<tr>
<td>015</td>
<td>An unsupported level 2 key was found.</td>
</tr>
<tr>
<td>016</td>
<td>This accumulated field is not for traffic or transit data.</td>
</tr>
</tbody>
</table>
017
Explanation: The indicated trigger field is not supported.

018
Explanation: The level 1 key is not defined.

019
Explanation: The end of input was passed while the system was processing level 1 keys.

020
Explanation: The level 2 request was not found when indicated.

021
Explanation: Repeated the fields, but no match was found.

022
Explanation: An unsupported level 2 key was found.

023
Explanation: The triggers were indicated but not on the LU names.

024
Explanation: The trigger was indicated but not supported.

025
Explanation: The system is scrolling, but the secondary name was not found.

026
Explanation: The level 1 key is not defined.

027
Explanation: The end of input was passed while the system was processing level 1 keys.

028
Explanation: The resources were not requested.

029
Explanation: The level 1 key is not defined.

030
Explanation: The end of input was passed while the system was processing level 1 keys.

031
Explanation: The level 2 requests were not found where indicated.

032
Explanation: Repeated the fields, but no match was found.

033
Explanation: An unsupported level 2 key was specified.

034
Explanation: This accumulated field is not for traffic or transit data.

035
Explanation: The number of entries exceeds the maximum number allowed.

036
Explanation: An unsupported level 1 key was specified.

037
Explanation: The maximum number of accumulated fields was exceeded.

038
Explanation: The end of input was passed while the system was processing level 1 keys.

039
Explanation: The level 2 request was not indicated.
040
Explanation: An unsupported or missing flag vector was found.

041
Explanation: An unsupported level 1 key was found.

042
Explanation: The end of input was passed while the system was processing level 1 keys.

043
Explanation: The level 2 request was not indicated.

044
Explanation: An unsupported level 2 key was found.

045
Explanation: This accumulated field is not for traffic or transit data.

046
Explanation: There is no session collection element defined for the resource.

047
Explanation: The parameters that were passed were not valid.

048
Explanation: A VTAM programmed operator header (POH) sequence number from the RCVCMD command was out of sequence with the last SE NDCMD message.

049
Explanation: A search was made for a name in the symbol resource table and the name was not found. This is an unrecoverable error. NPM should be stopped and restarted as soon as possible.

050
Explanation: There is a loop in the symbol resources table (SRT) synonym chain.

051
Explanation: The wrong module was called.

052
Explanation: The resource type that was found is not valid.

053
Explanation: The parameter that was passed is not valid.

054
Explanation: A counter value was received that is not positive.

055
Explanation: The panel name was not found.

056
Explanation: The number of entries is greater than the maximum number allowed.

057
Explanation: A required parameter is missing.

058
Explanation: The pointer to the node control block (NCB) in the resource table prefix (RTP) is zero.

059
Explanation: A return code that is not zero has occurred from FNMCMD00.

060
Explanation: The command code entered is not valid.

061
Explanation: This is an input call error. FNMP SQ has failed.

062
Explanation: The time span for the PIU is not valid.
063
Explanation: The VTAM command processors received a CDF in a format that is not valid.

064
Explanation: While verifying the validity of monitors specified in a command, NPM detected that internal control blocks FNMCMDT and FNMMONx are not compatible.

065
Explanation: The internal CPB control blocks are corrupted.

066
Explanation: While reading data from VTAM, the probes returned data that is not valid to the FNMONL00 task.

067
Explanation: An eight character name reserved for use by NPM has been used by an operator, or NPM tried to create the same name twice.

068
Explanation: The parameters passed from one program to another contain data that is not valid, so the operation cannot be processed.

069
Explanation: The interval VIB control blocks are corrupted.

072
Explanation: There is a synchronization error with the communication control unit (CCU). An allocation request was received for an allocated resource. The resource names are different.

073
Explanation: An error has occurred in the NPM collection point block (CPB) hierarchy chains. To prevent this error, set SNI=YES in all NCP commands.

074
Explanation: A duplicate CPB is being added to the chain. An LU group has been added containing the name of an existing resource, or an LU in the group has the same name as the data set member or VM file that defines the LU group.

077
Explanation: Invalid internal buffer address.

078
Explanation: An option that is not valid was entered for the VARY command. The VARY command accepts only ACT, INACT, LOCK, UNLOCK, SWITCH, and RESET. Verify the command syntax and re-enter the command.

079
Explanation: The interval buffer address is zero.

080
Explanation: A code that was not valid was returned by a called module.

081
Explanation: An unexpected return code was issued from the graphic subsystem interface.

082
Explanation: The reply query from the terminal could not be processed correctly. Either part of the query buffer was missing or it was not formatted correctly.

083
Explanation: An error occurred when FNMTUTOR attempted to find a help panel in the help panel chain.

090
Explanation: The RU request was not valid.

091
Explanation: The file control block was not valid.

092
Explanation: The VSAM GENCB failed for an access method control block (ACB).

093
Explanation: The VSAM GENCB failed for a request parameter list (RPL).
094 Explanation: The VSAM MODCB failed for an ACB.

095 Explanation: A record that is not valid has been queued to the VSAM writer.
One of the following conditions has been detected:
- The key record type was not defined for the record.
- The configuration section does not exist for the record.
- The offset to the resource name was zero.
- Neither the transit data section nor the volume data section was associated with the record.
The record is not written to the VSAM file, and the record is queued for further file processing.

096 Explanation: The VSAM MODCB failed for an RPL.

097 Explanation: The VSAM SHOWCB failed for an RPL.

098 Explanation: The FNMNSI session event query failed.

099 Explanation: The transit time calculation was not valid. The time was less than or greater than six hours. This transaction is discarded.

100 Explanation: The FNMNSI connect or send request failed.

101 Explanation: The FNMNSI session correlate query failed.

102 Explanation: FNMSDC31 failed to create a session statistic block (SSB).

103 Explanation: An unsolicited CMIP RU that is not valid was detected.

104 Explanation: A request unit (RU) that was received is not valid.

105 Explanation: Unexpected function was returned by presentation services.

106 Explanation: A request unit (RU) that was encoded is not valid.

107 Explanation: A resource type that was found is not valid.

108 Explanation: A sort keyword was reported by presentation services, but it was not enabled by the list processor.

109 Explanation: Panel selection table mismatch

110 Explanation: An unrecognized record was queued to the alert subtask.

111 Explanation: An unrecognized subvector was requested while attempting to build an alert NMVT.

112 Explanation: A resource level that was not valid was found while attempting to build an alert NMVT.

113 Explanation: An unexpected internal table value was found while attempting to build an alert NMVT.

115 Explanation: A control block pointer that was passed to the list processor is not valid.
Explanation: The list processor received a failure return code from a call to the FNMBBX function.

Explanation: The list processor received an end-of-list statement from function FNMBBX before the expected end of the list.

Explanation: A list processor program was called, but there are no valid conditions to process.

Explanation: The list processor received a RIGHT or LEFT command, but there is no panel to display in the selected direction.

Explanation: A code mismatch was found between what is running in NetView and what is running in NPM. NetView must point to the library containing the latest level of NPM code.

Explanation: An unexpected line control definer (LCD) option was encountered.

Explanation: An unexpected LCD type was encountered.

Explanation: The sorting field is not valid.

Explanation: An option that is not valid was found at PNL program level.

Explanation: A key that is not valid was processed.

Explanation: An unexpected return code from BBX Struct PPA was received.

Explanation: An unexpected condition for alter exists.

Explanation: The status for the APPC LU was unexpected and the APPC command was requested. The APPC command request is ignored.

Explanation: The status for the APPC LU was unexpected but the APPC command was completed.

Explanation: There was not enough memory available for the FSB. No record was generated.

Explanation: The counter group is not valid. The FNMDEC control block was written but it is corrupted.

Explanation: The control point block (CPB) is corrupted or not found.

Explanation: The NMVT key to the NPM vector is not valid or cannot be found. The FNMDEC control block is corrupted.

Explanation: The data in NMVT is corrupted.

Explanation: An unexpected return code was received from BBX Struct DVS.

Explanation: An unexpected return code was received from BBX Struct DVB.
Explanation: A fatal mismatch between the LSK and DVS structures has occurred.

Explanation: A fatal mismatch between the LBK and DVS structures has occurred.

Explanation: An unexpected return code was received from the FNMCTU macro.

Explanation: The LU62 control block was not found for this command.

Explanation: A data stream parser error occurred during initialization. Initialization failed.

Explanation: A data stream parser error occurred during encoding. Encoding failed.


Explanation: A data stream parser error was found in the parsing tables.

Explanation: A data stream parser error occurred during internal stacking. Stacking failed.

Explanation: An error occurred in the NPM RTM collection. Either of the following conditions has been detected:
- RTM operation is not supported
- The input command definition buffer CDF does not contain a request for an RTM operation.

Explanation: An unknown insert was found in an NPM message.

Explanation: No messages were received from the called module.

Explanation: A nonzero return code was received from FNMDINIT.

Explanation: An unexpected return code was received from FNMDECOD.

Explanation: A nonzero return code was received from FNMEINIT.

Explanation: An unexpected return code was received from FNMENCOD.

Explanation: A call was made to the VTAM data collection component that was not valid. This logic error code is accompanied by message FNM870.

Explanation: An error occurred during VTAM data collection component initialization. This logic error code is accompanied by message FNM871, FNM872, or FNM873.

Explanation: An error occurred while the VTAM data collection component was ending. This logic error code is accompanied by message FNM885 or FNM886.

Explanation: An error occurred when calling a VTAM data collection component collector. This logic error code is accompanied by message FNM874.
<table>
<thead>
<tr>
<th>200</th>
<th>Explanation: An unexpected error occurred when locating a container.</th>
</tr>
</thead>
<tbody>
<tr>
<td>201</td>
<td>Explanation: An unexpected resource type was found.</td>
</tr>
<tr>
<td>202</td>
<td>Explanation: A maximum RU number was reached.</td>
</tr>
<tr>
<td>203</td>
<td>Explanation: An unknown RU type was found.</td>
</tr>
<tr>
<td>204</td>
<td>Explanation: An internal processing error was found.</td>
</tr>
<tr>
<td>205</td>
<td>Explanation: An RU pointer that was found is not valid.</td>
</tr>
<tr>
<td>208</td>
<td>Explanation: A mismatch was found between the alias counter and alias pointers in SAR.</td>
</tr>
<tr>
<td>220</td>
<td>Explanation: Unexpected error return code was received.</td>
</tr>
<tr>
<td>221</td>
<td>Explanation: Chaining error in the response.</td>
</tr>
<tr>
<td>222</td>
<td>Explanation: An RU that is to be decoded is not valid.</td>
</tr>
<tr>
<td>223</td>
<td>Explanation: No matching request found for the response.</td>
</tr>
<tr>
<td>224</td>
<td>Explanation: No correlator in the response.</td>
</tr>
<tr>
<td>225</td>
<td>Explanation: Unexpected parser error.</td>
</tr>
<tr>
<td>226</td>
<td>Explanation: Invalid function key process.</td>
</tr>
<tr>
<td>231</td>
<td>Explanation: FNMDSC17 - TPX support - SCA not found.</td>
</tr>
<tr>
<td>232</td>
<td>Explanation: FNMDSC17 - TPX support - No RU arrived.</td>
</tr>
<tr>
<td>233</td>
<td>Explanation: FNMDSC17 - TPX support - NSI vector not available.</td>
</tr>
<tr>
<td>234</td>
<td>Explanation: FNMDSC17 - TPX support - NSI address missing.</td>
</tr>
<tr>
<td>240</td>
<td>Explanation: FNMNCPW0 - The SCB address exceeded the end of CSA available to NPM.</td>
</tr>
</tbody>
</table>
Glossary

A

ACB
(1) In VTAM programs, access method control block. (2) In NCP, adapter control block. (3) Application control block.

ACF
Advanced Communications Function.

active collection
In NPM, the process of collecting data at the current time about a resource.

Advanced Communications Function (ACF)
A group of IBM®-licensed programs, principally VTAM, TCAM, NCP, and SSP, that use the concepts of Systems Network Architecture (SNA), including distribution of function and resource sharing.

alert
(1) A message sent to a management services focal point in a network to identify a problem or an impending problem. (2) In the NetView program, a high priority event that warrants immediate attention. A database record is generated for certain event types that are defined by user-constructed filters.

alert condition
A problem or impending problem for which some or all of problem determination, diagnosis, or resolution is expected at a collection point or a system problem determination focal point.

APAR
Authorized program analysis report. A report of a problem caused by a suspected defect in a current unaltered release of a program.

B

basic sequential access method (BSAM)
In NPM, the method by which all PIUs collected for selected LUs can be logged into a sequential data set as they pass through VTAM.

blocking of PIUs
In SNA, an optional function of path control that combines multiple path information units (PIUs) in a single basic transmission unit (BTU).

Note: When blocking is not done, a BTU consists of one PIU.

buffer pool
(1) An area of storage in which all buffers of a program are kept. (2) In ACF/TCAM, a group of buffers having the same size. A buffer pool is established at initialization time in the message control program. The buffers are built in extents chained together.

C

CCU
(1) Communication control unit. (2) Central control unit.

collection interval
In NPM, a user-specified value that controls the time at which performance data is transmitted.

collection point block (CPB)
In NPM, a control block used to coordinate the collection of network and session data.
communication identifier (CID)
   In VTAM, a key for locating the control blocks that represent a session. The key is created during session establishment and deleted when the session ends.

connected
   In VTAM, the state of a physical unit (PU) or a logical unit (LU) that has an active physical path to the host processor containing the system services control point (SSCP) that controls the respective PU or LU.

connection
   In VTAM, synonym for physical connection.

D

DSRB
   Data service request block.

DSRBO
   Data service request block output.

DSRBU
   Data service request block unsolicited.

E

event
   In the NetView program, a record indicating irregularities of operation in physical elements of a network.

event control block (ECB)
   A control block used to represent the status of an event.

event message
   A message created in response to an event.

extended recovery facility (XRF)
   A facility that minimizes the effect of failures in MVS, VTAM, the host processor, or high availability applications during sessions between high availability applications and designated terminals. This facility provides an alternate subsystem to take over sessions from the failing subsystem.

I

Internet Protocol (IP)
   A protocol used to route data from its source to its destination in an Internet environment.

IP
   Internet Protocol.

IPL
   (1) Initial program loader. (2) Initial program load.

IPX
   Internetwork package exchange

L

logical unit (LU)
   (1) A type of network accessible unit that enables end users to gain access to network resources and communicate with each other. (2) In SNA, a port through which an end user accesses the SNA network and the functions provided by system services control points (SSCPs). An LU can support at least two sessions—one with an SSCP and one with another LU—and may be capable of supporting many sessions with other LUs. See also network addressable unit (NAU), peripheral LU, physical unit (PU), system services control point (SSCP), primary logical unit (PLU), and secondary logical unit (SLU).
LU group
In the NetView Performance Monitor (NPM), a file containing a list of related or unrelated logical units. The LU group is used to help simplify data collection and analysis.

LU type 6.2 (LU 6.2)
A type of logical unit that supports general communication between programs in a distributed processing environment. LU 6.2 is characterized by (a) a peer relationship between session partners, (b) efficient utilization of a session for multiple transactions, (c) comprehensive end-to-end error processing, and (d) a generic application program interface consisting of structured verbs that are mapped into a product implementation.

M

MIB
Management information base.

N

NCP
Network Control Program.

NetView Performance Monitor (NPM)
An IBM-licensed program that collects, monitors, analyzes, and displays data relevant to the performance of a VTAM telecommunication network. It runs as an online VTAM application program.

NetView Program
An IBM-licensed program used to monitor a network, manage it, and diagnose its problems.

NetView Synergy Interface (NSI)
An interface for collecting data from VTAM in the host or from other session managers. NSI is only available for MVS.

network accessible unit (NAU)
A logical unit (LU), physical unit (PU), control point (CP), or system services control point (SSCP). It is the origin or the destination of information transmitted by the path control network. Synonymous with network addressable unit.

network control (NC)
In SNA, a request/response unit (RU) category used for requests and responses exchanged between physical units (PUs) for such purposes as activating and deactivating explicit and virtual routes and sending load modules to adjust peripheral nodes. See also data flow control, function management data, and session control.

network control program
A program, generated by the user from a library of IBM-supplied modules, that controls the operation of a communication controller.

Network Control Program (NCP)
An IBM-licensed program that provides communication controller support for single-domain, multiple-domain, and interconnected network capability.

network controller
A concentrator and protocol converter used with SDLC links. By converting protocols, which manage the way data is sent and received, the IBM 3710 Network Controller allows the use of non-SNA devices with an SNA host processor.

Network Performance Analysis Logical Unit (NPALU)
In NPM, the virtual logical unit generated in an NCP with which the network subsystem communicates.

network performance analyzer (NPA)
A function of NCP that collects performance data about devices. The data is recorded by NPM.

NPA
Network performance analyzer.
NPALU
Network performance analysis logical unit.

NPM
NetView Performance Monitor.

NPM log
In NPM, a data set in which NPM data can be stored.

NPM security profile
In NPM, a data set that can be created to restrict operator access to data and functions.

NPS
Network product support.

NSI
NetView Synergy Interface.

NPSI
X.25 NCP Packet Switching Interface.

OMS
Online Message Facility.

Online Message Facility
In NPM, the facility that enables you to view help information online. It can be used as a message help tool to display the descriptions of host messages, operator actions, and system responses.

operator profile
(1) In the NetView program, the resources and activities over which a network operator has control. The statements defining these resources and activities are stored in a file that is activated when the operator logs on.
(2) In NPM, the setup definitions for an operator’s environment. This includes security access to various parts of NPM.

OS/390 operating system
An IBM-licensed program that not only includes and integrates functions previously provided by many IBM software products (including the MVS operating system) but also (a) is an open, secure operating system for the IBM S/390 family of enterprise servers, (b) complies with industry standards, (c) is Year 2000 ready and enabled for network computing and e-business, and (d) supports technology advances in networking server capability, parallel processing, and object-oriented programming.

partitioned data set (PDS)
A data set in direct access storage that is divided into partitions, called members, each of which can contain a program, part of a program, or data.

PIU
Path information unit.

program temporary fix (PTF)
A temporary solution or bypass of a problem diagnosed by IBM in a current unaltered release of the program.

RACF
Resource Access Control Facility.
**Resource**

(1) Any facility of a computing system or operating system required by a job or task, and including main storage, input/output devices, the processing unit, data sets, and control or processing programs. (2) In the NetView program, any hardware or software that provides function to the network.

**Resource Access Control Facility (RACF)**

An IBM-licensed program that provides for access control by identifying and verifying the users of the system, by authorizing access to protected resources, by logging the detected unauthorized attempts to enter the system, and by logging the detected accesses to protected resources.

**Resource definition table (RDT)**

In VTAM, a table that describes the characteristics of each node available to VTAM and associates each node with a network address. This is the main VTAM network configuration table.

**Resource resolution table (RRT)**

In NPM, this table contains the names of network resources for which data is to be collected. The NPM RRT corresponds with an NCP and is built by NPMGEN from an NCP Stage I and an NCP RRT.

**Resource types**

In the NetView program, a concept to describe the organization of panels. Resource types are defined as central processing unit, channel, control unit, and I/O device for one category; and communication controller, adapter, link, cluster controller, and terminal for another category. Resource types are combined with data types and display types to describe display organization.

**Response time**

(1) The elapsed time between the end of an inquiry or demand on a computer system and the beginning of the response; for example, the length of time between an indication of the end of an inquiry and the display of the first character of the response at a user terminal. (2) For response time monitoring, the time from the activation of a transaction until a response is received, according to the response time definition coded in the performance class.

**Response time monitor (RTM)**

A feature available with certain hardware devices to allow measurement of response times, which may be collected and displayed by the NetView program.

**Router**

(1) A computer that determines the path of network traffic flow. The path selection is made from several paths based on information obtained from specific protocols, algorithms that attempt to identify the shortest or best path, and other criteria such as metrics or protocol-specific destination addresses. (2) An attaching device that connects two LAN segments, which use similar or different architectures, at the reference model network layer. (3) In OSI terminology, a function that determines a path by which an entity can be reached.

**Routing**

(1) The process of determining the path to be used for transmission of a message over a network. (2) The assignment of the path by which a message will reach its destination.

**RU**

Request/response unit.

**S**

**Simple Network Management Program (SNMP)**

In the Internet suite of protocols, a network management protocol that is used to monitor routers and attached networks. SNMP is an application layer protocol. Information on devices managed is defined and stored in the application’s Management Information Base (MIB).

**SNA**

Systems Network Architecture.

**SNMP**

span
In the NetView program, a user-defined group of network resources within a single domain. Each major or minor node is defined as belonging to one or more spans. See also span of control.

span of control
The total network resources over which a particular network operator has control. All the network resources listed in spans associated through profile definition with a particular network operator are within that operator’s span of control.

status monitor
A component of the NetView program that collects and summarizes information on the status of resources defined in a VTAM domain.

subarea
A portion of the SNA network consisting of a subarea node, attached peripheral nodes, and associated resources. Within a subarea node, all network accessible units (NAUs), links, and adjacent link stations (in attached peripheral or subarea nodes) that are addressable within the subarea share a common subarea address and have distinct element addresses.

System Management Facility (SMF)
A standard feature of MVS that collects and records a variety of system and job-related information.

Systems Network Architecture (SNA)
The description of the logical structure, formats, protocols, and operational sequences for transmitting information units through, and controlling the configuration and operation of, networks.

T
teleprocessing request block (TPRB)
A function used by NPM to control input/output requests to or from terminals to files.

Time Sharing Option (TSO)
An operating system option that provides interactive time sharing from remote terminals.

TSO
Time Sharing Option.

V
Virtual Storage Access Method (VSAM)
An access method for direct or sequential processing of fixed and variable-length records on direct access devices. The records in a VSAM data set or file can be organized in logical sequence by a key field (key sequence), in the physical sequence in which they are written on the data set or file (entry-sequence), or by relative-record number.

Virtual Storage Extended (VSE)
An IBM-licensed program whose full name is the Virtual Storage Extended/Advanced Function. It is a software operating system controlling the execution of programs.

Virtual Telecommunications Access Method (VTAM)
An IBM-licensed program that controls communication and the flow of data in an SNA network. It provides single-domain, multiple-domain, and interconnected network capability.

VTAM
Virtual Telecommunications Access Method. Synonymous with ACF/VTAM.

VTAM application program
A program that has opened an access method control block (ACB) to identify itself to VTAM and that can therefore issue VTAM macroinstructions.