

18 X Server Messages

This chapter lists messages issued by modules of the X server. The following topics are covered in this chapter:

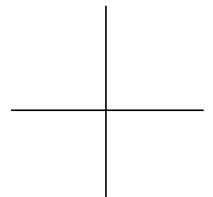
- ❑ “Messages and Modules Overview” on page 18-1
- ❑ “The Format of Messages” on page 18-2
- ❑ “Displaying Messages” on page 18-4
- ❑ “Logging Messages to a File” on page 18-5
- ❑ “Configuring Message Logging” on page 18-5
- ❑ “Messages Common to All Modules” on page 18-7
- ❑ A section for each module that issues its own unique messages, beginning with “CALIBLIGHTPEN Messages” on page 18-15. These sections and the messages within each section are listed alphabetically.

For more help in troubleshooting your terminal, refer to the *NCDware System Administrator’s Guide for UNIX Systems*. Also refer to the *Roadmap* to see if information on the functional area you are having trouble with is available in other NCDware documents.

For information about host-related management tasks, such as checking that a utility is running on the host, refer to your host system administration manual.

Messages and Modules Overview

As part of its ongoing activities, the X server issues messages about its operations. As the X server executes, each module (for example, the Configuration daemon) generates its own messages. The information reported includes successful completion of user requests, unsuccessful attempts to perform an action, or fatal errors that cause the X server to crash.



Note The modules that issue messages are not necessarily X server modules, although many of them are. A reporting module may also be a daemon, such as the Configuration daemon, or simply a discrete function of the X server.

The messages are stored in an internal buffer and forwarded to the Console Messages hide box. If there is an existing TELNET connection, the messages are sent there as well.

You can also configure the terminal to write messages to a log file. Console messages are the same as messages logged to a file, except that Console messages do not include a time stamp.

Many of the messages displayed in the Console are issued by the terminal as it boots, after the X server is executed. These messages show how the terminal reads its configuration file, keymap file, color definition file, and fonts. Other messages in the Console reflect ongoing operations, such as starting clients and loading fonts as clients request them.

Messages are listed by module and alphabetically within each module section. The text of each message is followed by a table listing the severity, the explanation, and the recommended user action, if any.

The first section of messages describes those that are common to many modules, followed by a separate section for each module that issues its own unique messages.

The Format of Messages

X server messages follow the format:

%MODULE-L-ABBREV, full message text

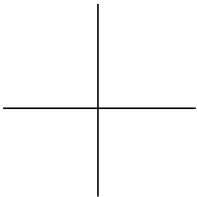
where:

MODULE Is the NCDware module issuing the message, such as CONFIGD or FILED.

L Is the message's level of severity:

I An informational message. The activity was successful.

W A warning message. The activity may not have been successful. You should verify the results.



E An error. The module did not complete the activity but is attempting to continue.

F A fatal error. The module did not complete the activity and cannot continue.

ABBREV Is the abbreviated message; for example, READ for an operation that involved reading a file.

Some example messages of different levels of severity are shown in the following list; they were all issued by the Configuration daemon:

- ☐ Informational message—The module performed the activity successfully.

%CONFIGD-I-IPADDR, IP address for this unit: 192.40.50.12

- ☐ Warning message—The module may have completed some, but not all, of the requested activity.

%CONFIGD-W-BADPASSWD, incorrect password entered

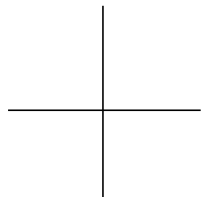
- ☐ Error message—The module did not complete the requested activity but is attempting to continue.

%CONFIGD-E-GATEWAYBADNET, gateway 89.0.0.1 is not on local net

- ☐ Fatal message—The module did not complete the requested activity and cannot continue.

%CONFIGD-F-INITUI, unable to initialize user interface

You should take steps to resolve messages with severity levels E and F. Contact NCD Technical Support if you need assistance.



Displaying Messages

You can display current messages in the Console or by connecting to the terminal's Diagnostic daemon using TELNET.

Viewing Messages in the Console Window

You can see current messages by opening the `Messages` hide box:

1. In the Console, click on `Messages`.
2. To see more messages, scroll through messages in the window or enlarge the window.

Console \Rightarrow Clear Messages clears messages from the message area. Console \Rightarrow Rescan Messages redisplay messages that were cleared previously.

Viewing Messages through TELNET

You can see current messages by connecting directly to the diagnostic module through a TELNET connection:

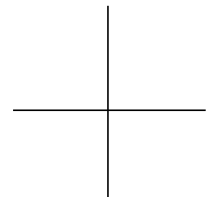
1. In the Console, select `Terminals \Rightarrow New Terminal`.
2. To view current messages for the local terminal, click on the line beginning with `Diag` in the `Default Hosts` window.
3. To view current messages for a remote terminal, enter its hostname or IP address and the number of the diagnostics port in the `Service:` field. The default port number is 5998. For example:

```
ncdu10 5998
```

4. Click on `OK`. The current messages appear in a `Terminal Emulator` window. To view more messages, use the window scroll bar.

While you are connected to a remote terminal, you can ask the user to perform the action causing the problem. You can read the messages as they are issued.

5. When you are finished, close the TELNET connection and the `Terminal Emulator` window by selecting `Exit` from the `File` menu.



Logging Messages to a File

You can log messages to a file using the NFS protocol:

1. Specify the filename in the **diag-log-file** parameter (Setup ⇒ Change Setup Parameters ⇒ Diagnostics ⇒ Log File). There is no default filename or directory, so you must specify the complete pathname.
2. The log file must be accessible through the file access table described in the *NCDware System Administrator's Guide for UNIX Systems* and Chapter 5, Configuring Network Services.

Configuring Message Logging

You can configure:

- ☐ Time stamps attached to the messages
- ☐ Size of the buffer used for saving messages in the terminal
- ☐ Extended messages for file and font access

Configuring Message Time Stamps

Messages collected in the buffer have time stamps appended to them, although time stamps are not displayed in the Console message area. Time stamps indicate when the message was issued relative to the last reboot of the terminal. Time stamps follow the format **+d:hh:mm:ss** (days, hours, minutes, and seconds).

Some messages may have no time stamps because the next time stamp is not written until one second has elapsed. This time interval is called the time stamp frequency.

By default, time stamps are entered every second. You can change the frequency with the **diag-timestamp-frequency** parameter (Setup ⇒ Change Setup Parameters ⇒ Diagnostics ⇒ Timestamp Frequency). Specify the number of seconds as an integer.

Changing the Message Buffer Size

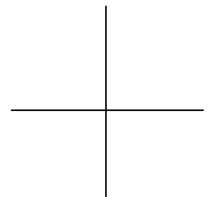
The default size of the internal buffer used for logging messages is 8,192 bytes. If you are not capturing all the messages you need, you can change the size of the buffer with the **diag-buffer-size** parameter (Setup ⇒ Change Setup Parameters ⇒ Diagnostics ⇒ Buffer Size). Specify the number of bytes as an integer.

Enabling Extended Diagnostics

You can configure a terminal to issue more detailed messages about the following services:

- ❑ File service—To generate more detailed messages about the file service, set the **file-extended-diagnostics** parameter to “true” (Setup ⇒ Change Setup Parameters ⇒ File Service ⇒ Extended Diagnostics).
- ❑ Font service—To generate more detailed messages about fonts, set the **pref-font-extended-diagnostics** parameter to “true” (Setup ⇒ Change User Preferences ⇒ Fonts ⇒ Show Extended Font Diagnostics). NCD recommends enabling extended font diagnostics only if you have a font problem. This parameter generates a large number of messages.
- ❑ IP routing—Extended diagnostic messages for IP routing are turned off by default. If you want to see such messages, make sure **ip-extended-routing-diagnostics** is set to “true” (Setup ⇒ Change Setup Parameters ⇒ IP ⇒ Extended Routing Diagnostics).

The extended diagnostics parameter settings take effect immediately. Only **file-extended-diagnostics** is saved to NVRAM. To make the other parameter settings permanent, set them in a remote configuration file.



Messages Common to All Modules

This section is an alphabetical listing of X server messages common to all modules. If you are looking for a message that is not listed here, refer to the sections that follow.

BADACCEPT, unable to accept on *protocol* socket: *message*

Severity: Error

Explanation: The reporting module cannot accept a connection on the specified network socket. The included message describes the reason for the error.

User Action: If you encounter this error message, please contact NCD Technical Support.

BADBIND, unable to bind *protocol* socket: *message*

Severity: Error

Explanation: The reporting module cannot assign a name to the specified network socket. The included message describes the reason for the error.

User Action: If you encounter this error message, please contact NCD Technical Support.

BADCOMPFMT, invalid compression format in file: *file*

Severity: Error

Explanation: The specified file does not contain the expected compression factor, and therefore the X server cannot confirm that the file is compressed.

User Action: Confirm that the specified file is compressed.

Messages Common to All Modules

BADCOMPSize, wrong compression factor (use 12 bits) in file: *file*

Severity: Error

Explanation: The specified file indicates that it is using a compression factor different from that which the X server expects; NCDware software uses a 12-bit compression factor.

User Action: Confirm that 12-bit compression was specified when the file was compressed (for example, by the command-line option `-b12`).

BADCONNECT, unable to connect to *protocol* socket: *message*

Severity: Error

Explanation: The X server cannot connect to the specified network socket for the reason given.

User Action: Verify that the network address is correct and confirm that the desired host is available on the network.

BADGETSOCKETOPT, unable to get *protocol* socket option *option*: *message*

Severity: Error

Explanation: The reporting module cannot use the specified socket option for the reason given.

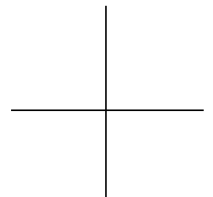
User Action: If you encounter this message, please contact NCD Technical Support.

BADLISTEN, unable to listen on *protocol* socket: *message*

Severity: Error

Explanation: The reporting module is unable to listen for network connections.

User Action: If you encounter this message, please contact NCD Technical Support.



BADNET, *client*, unknown network: *message*

Severity: Error

Explanation: The specified client could not create a connection to the specified transport. This situation usually occurs with the DECwindows login client.

User Action: If you encounter this message, please contact NCD Technical Support.

BADREAD, read error on *file*: *message*

Severity: Error

Explanation: The X server cannot read the specified file for the reason given.

User Action: Verify that:

- ☐ The filename is specified correctly.
- ☐ The file service table contains an entry for the specified file.
- ☐ The file has read access.

BADREFCNT, *resource*, bad reference count *n*

Severity: Error

Explanation: The X server cannot reconcile the reference count for the specified resource. This message typically appears when the reference count should be zero because no one is using the resource, but the reported count is greater than zero.

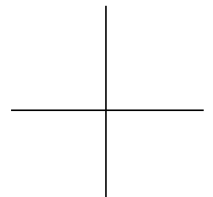
User Action: If you encounter this message, please contact NCD Technical Support.

BADSETSOCKETOPT, unable to set *protocol* socket option *option*: *message*

Severity: Error

Explanation: The reporting module cannot set the specified socket option for the reason given.

User Action: If you encounter this message, please contact NCD Technical Support.



Messages Common to All Modules

BADSOCKET, *module*: unable to create *protocol* socket: *message*

Severity: Error

Explanation: The X server cannot create the specified socket for the reason given.

User Action: If the reason given is “no buffer space,” try increasing the buffers allocated in the **net-minimum-data-buffers** parameter. Otherwise, please contact NCD Technical Support.

BADWRITE, write error on *file*: *message*

Severity: Error

Explanation: The X server cannot write to the specified file for the reason given. This situation usually occurs if the file does not have write access or if there is not enough memory.

User Action: Verify that:

- ☐ The file has write access.
- ☐ The filename is specified correctly.
- ☐ There is sufficient memory to perform the operation.

CLOSE, closing *file_type*: *file*

Severity: Information

Explanation: The reporting module is closing the specified file as requested.

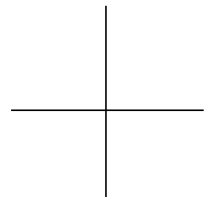
User Action: None

INITUI, unable to initialize user interface

Severity: Fatal

Explanation: The reporting module cannot create a dialog box to display an X server message. The message appears but it is not contained in a dialog box. This situation usually occurs when the terminal is low on memory.

User Action: Check the terminal’s memory level. Close any inactive local clients to free local memory.



NOACCESS, access denied to *font_server font_server_name*

Severity: Error

Explanation: The terminal cannot access *font_server_name*.

User Action: Make sure that the named font server is available.

NODECOMP, error installing decompression for file *file: message*

Severity: Error

Explanation: The X server cannot decompress the specified file for the reason given. This message usually indicates the terminal is low on memory.

User Action: Check the available memory to make sure that it is sufficient to perform the desired decompression. Close any local clients that are not being used to free memory.

NOHOSTADDR, unable to find address for host name: *host*

Severity: Error

Explanation: The reporting module cannot locate the network address for the specified host.

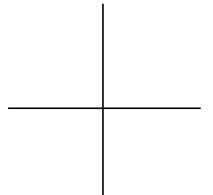
User Action: Make sure the hostname is correct. If it is, verify that the terminal's configuration database correctly identifies the system that is to provide name service for the terminal.

NOLICENSE, this unit not licensed for *feature*

Severity: Error

Explanation: The terminal does not have a license for the specified feature, such as DPS.

User Action: Contact NCD to obtain a valid license for the specified feature and enter it in the terminal's configuration file, NVRAM, or *license.dat* file.



Messages Common to All Modules

NOMEM, *function*, out of memory for *data_structure*

Severity: Error

Explanation: The X server does not have sufficient memory to perform the requested function.

User Action: Close any unused local clients to free memory for the desired function.

NOOPEN, unable to open *file_type*: *file*

Severity: Error

Explanation: The reporting module cannot open the specified file.

User Action: Make sure:

- ☐ The filename is correct.
- ☐ The file exists in the specified directory.
- ☐ The file service table contains an entry for the specified directory.
- ☐ The specified file has read access.

NOPROC, unable to create new process for *client*

Severity: Error

Explanation: The X server cannot start the requested client. This situation generally occurs when the X server is running low on memory or when there are too many clients running for the amount of available memory.

User Action: Close any unused local clients to free memory for the desired function.

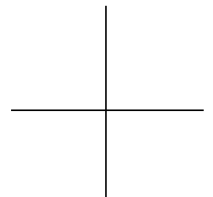
NOREAD, unable to read *file_type*: *file*

Severity: Error

Explanation: The reporting module cannot read the specified file.

User Action: Make sure:

- ☐ The filename is correct.
- ☐ The file exists in the specified directory.
- ☐ The file service table contains an entry for the specified directory.



- ☐ The specified file has read access.

NOWRITE, unable to write *file_type: file, message*

Severity: Error

Explanation: The reporting module cannot write information to the specified file for the specified reason.

User Action: Make sure:

- ☐ The filename is correct.
- ☐ The file exists in the specified directory.
- ☐ The file service table contains an entry for the specified directory.
- ☐ The specified file has write access.

NOX, unable to connect to display *display*

Severity: Fatal

Explanation: The reporting module cannot connect to the specified terminal.

User Action: Make sure that the name specified is correct for the desired terminal. If the terminal name is correct, verify that the network is operational and that the terminal is running and is connected to the network.

OPEN, opening *file_type: file*

Severity: Information

Explanation: The reporting module is opening the specified file as requested.

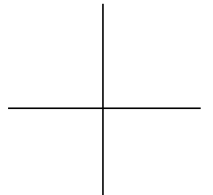
User Action: None

READ, reading *file_type: file*

Severity: Information

Explanation: The reporting module is reading the specified file as requested.

User Action: None



Messages Common to All Modules

START, starting up

Severity: Information

Explanation: The specified module is starting as requested.

User Action: None

STOP, shutting down

Severity: Information

Explanation: The specified module is shutting down as requested.

User Action: None

WRITE, writing *file_type*: *file*

Severity: Information

Explanation: The specified module is writing information to the specified file.

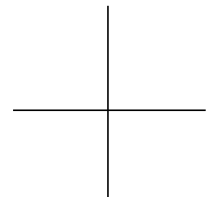
User Action: None

XKILLED, connection closed by X server

Severity: Fatal

Explanation: In the process of shutting down, the X server has stopped the reporting module.

User Action: Check the application(s) that were running when the X server closed the connection to ensure that the clients exited gracefully and did not lose any information.



CALIBLIGHTPEN Messages

CALIBLIGHTPEN messages pertain to light pen support. For messages that refer to the CALIBLIGHTPEN module but do not appear here, refer to “Messages Common to All Modules” on page 18-7.

NODISPLAY, Could not open display

Severity: Fatal

Explanation: The X server cannot find the X display, so light pen support is not operating.

User Action: If you encounter this message, please contact NCD Technical Support.

NOLIGHTPEN, Could not open light pen

Severity: Fatal

Explanation: The X server cannot find the light pen.

User Action: Make sure the light pen is properly attached.

NOXINPUT, **extension** not present when listing input devices

Severity: Fatal

Explanation: The X server could not find the light pen module.

User Action: Check the terminal’s configuration and/or the Console Messages to make sure that the light pen module (**lightpen**) was loaded.

UNKWNCLASS, Unknown class: **class**

Severity: Warning

Explanation: The light pen support is not operating.

User Action: Please contact NCD Technical Support.

CALIBTOUCH Messages

CALIBTOUCH messages pertain to the touch screen software support. If you are looking for a message that refers to the CALIBTOUCH module but does not appear here, refer to “Messages Common to All Modules” on page 18-7.

NODISPLAY, Could not open display

Severity: Fatal

Explanation: The X server cannot find the X display and the touch screen support is not operating.

User Action: If you encounter this message, please contact NCD Technical Support.

NOTOUCH, Could not open touchscreen

Severity: Fatal

Explanation: The X server cannot find the touch screen monitor.

User Action: Make sure that the terminal is configured for touch screen support. See the *User’s Guide* for specific instructions.

NOXINPUT, **extension** not present when listing input devices

Severity: Fatal

Explanation: The X server could not find the X Input Extensions.

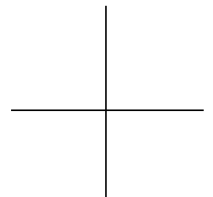
User Action: Check the terminal’s configuration and/or the Console Messages to make sure that the X Input Extension module (**xinput**) has been loaded.

UNKWNCLASS, Unknown class: **class**

Severity: Warning

Explanation: The input device class is neither Key, Button, nor Valuator. The touch screen support is probably not operating.

User Action: If you encounter this message, please contact NCD Technical Support.



CONFIGD Messages

CONFIGD messages pertain to the Configuration daemon. If you are looking for a message that refers to the CONFIGD module but does not appear here, refer to “Messages Common to All Modules” on page 18-7.

BADADDRROUTE, can't add route: *message*

Severity: Error

Explanation: The X server cannot add the requested route, perhaps due to low memory.

User Action: Verify the terminal has enough memory to perform the operation. If there is sufficient memory, and the message appears repeatedly, please contact NCD Technical Support.

BADCREATE, error creating row *parameter[row#]***field:** *string*

Severity: Error

Explanation: The Configuration daemon cannot add the requested table entry to the specified parameter at the designated row. This situation usually occurs when the row number in the entry is incorrect.

User Action: Verify that the correct row is specified when adding information to a parameter table. To add a row to the end of a table, use the index number -1.

BADDELETE, error deleting row *parameter[row#]***field:** *string*

Severity: Error

Explanation: The Configuration daemon cannot delete the requested table entry from the specified parameter. This usually occurs when the row number in the entry is incorrect for the given parameter.

User Action: Verify that the correct row is specified when removing information from a parameter table.

CONFIGD Messages

BADMTESVRPROTO, **network** server doesn't match file transfer protocol **protocol**

Severity: Error

Explanation: The Configuration daemon expected to use the specified file transfer protocol, but the specified network (such as TCP/IP or DECnet) does not support that protocol. This message appears only at boot time.

User Action: Verify the initial file protocols are established correctly for the system(s) providing boot services.

BADPARAM, line **n**: unknown parameter **parameter**

Severity: Error

Explanation: The Configuration daemon does not recognize the specified parameter that appears at the specified line in the configuration file.

User Action:

- ☐ Verify the parameter name is correct, specifically checking for typographical errors or other mistakes.
- ☐ Verify that you are not trying to connect to a terminal that is running a pre-5.0 version of NCDware.

BADPASSWD, incorrect password entered

Severity: Warning

Explanation: The password that has been entered for the Configuration daemon is incorrect.

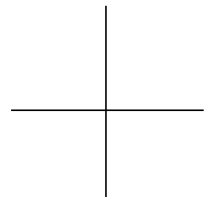
User Action: Confirm that the password is correct for access to the terminal's configuration information.

BADSET, error setting parameter **parameter**: **message**

Severity: Error

Explanation: The X server cannot set the specified parameter for the reason given.

User Action: If you encounter this message, please contact NCD Technical Support.



BADVALUE, line *n*: value **value** is invalid for parameter **parameter**

Severity: Error

Explanation: The value specified for the parameter on the given line is incorrect. This message usually occurs when the parameter accepts only specific choices and the value entered is not one of the acceptable choices.

User Action: Verify the acceptable values for the specified parameter.

CLASSLOAD, loading java class file into memory

Severity: Information

Explanation: The Java class files are being loaded.

User Action: None

CLASSLOADFAIL, failed to cache java class file into memory: **reason**

Severity: Error

Explanation: The **classes.zip** file could not be loaded into memory. This would improve Java performance.

User Action: Make sure the terminal has enough memory and that the file is accessible through the file service table.

DIRNAMETOOLONG, directory name **directory** is too long

Severity: Error

Explanation: The specified directory name exceeds the maximum acceptable length for directory names.

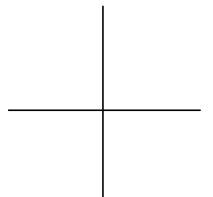
User Action: Keep the directory name to 255 or fewer characters. If necessary, assign a logical on the host system so that the name is within the acceptable range.

DOMAIN, DNS default domain name for this unit: **domain_name**

Severity: Information

Explanation: The X server is using the specified domain for this terminal.

User Action: None



CONFIGD Messages

FORMATFAILED, failed to format *filesystem_name* filesystem

Severity: Error

Explanation: The X server cannot format the specified file system as requested.

User Action: If you encounter this message, please contact NCD Technical Support.

FORMATSUCCESS, successfully formatted *filesystem_name* filesystem

Severity: Information

Explanation: The X server successfully formatted the specified file system as requested.

User Action: None

FORMATTING, formatting *filesystem_name* filesystem

Severity: Information

Explanation: The X server is formatting the specified file system as requested.

User Action: None

GATEWAYBADNET, gateway *nnn.nnn.nnn.nnn* is not on local net

Severity: Error

Explanation: The specified gateway does not reside on the local network.

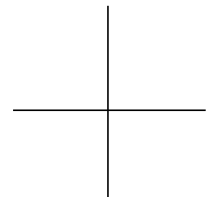
User Action: Correct the gateway address.

GETONLY, line *n*: parameter *parameter* is get-only

Severity: Error

Explanation: The specified parameter on the given line has read-only access; it cannot be changed to a different value.

User Action: To change the value of the parameter, first remove the get-only protection, reboot the terminal, then change the parameter's value.



HOSTNAME, hostname for this unit: *hostname*

Severity: Information

Explanation: The X server is using the specified hostname for the terminal.

User Action: None

INVPARAM, invalid table parameter for operation at line *n*

Severity: Error

Explanation: The user selected an invalid or protected table parameter at line *n*.

User Action: Verify the line number of the desired parameter.

IPADDR, IP address for this unit: *nnn.nnn.nnn.nnn*

Severity: Information

Explanation: The X server is using the specified IP address for the terminal.

User Action: None

MOUNTFAILED, failed to mount *filesystem_name* filesystem

Severity: Error

Explanation: The X server cannot mount the specified file system.

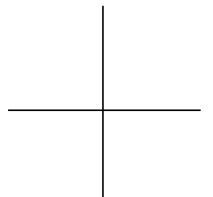
User Action: If you encounter this message, please contact NCD Technical Support.

NCDNETADDR, NCDnet address for this unit: *aa.nnnn*

Severity: Information

Explanation: The X server is using the specified DECnet address for the terminal.

User Action: None



CONFIGD Messages

NOACCESS, can't perform operation with current access level

Severity: Error

Explanation: A user with read-only access attempted to perform an operation requiring write access. For example, the user tried to change a parameter's value or write information to NVRAM.

User Action: Verify that the user has the appropriate level of access.

NOCLIENTDISABLE, local client *client* can not be disabled

Severity: Error

Explanation: The specified local client cannot be disabled.

User Action: Verify that the name of the specified local client is correct.

NOCTRLSOCK, unable to connect to *protocol* control socket

Severity: Fatal

Explanation: The X server has detected an internal error when connecting to the specified control socket.

User Action: If you encounter this message, please contact NCD Technical Support.

NODFLTFILE, no default file defined

Severity: Error

Explanation: The X server cannot read the default configuration file as requested.

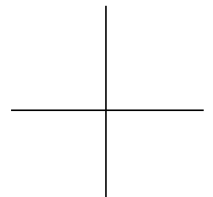
User Action: Verify that the terminal's configuration database specifies a default configuration file.

NOFILESSELECTED, no file names selected

Severity: Warning

Explanation: The X server is configured to load an initial configuration file, but none of the possible configuration filenames is enabled.

User Action: Enable the appropriate configuration filename parameter.



NOINITFILE, could not read any initial file

Severity: Error

Explanation: The X server attempted to read all enabled configuration filenames but could not read any of them.

User Action: Verify that:

- ☐ The names of the desired configuration files agree with the configuration filename parameters that are enabled.
- ☐ The configuration files have read/write or read access.
- ☐ File service is configured properly on the terminal.

NOIPHOSTNAME, unable to find host name for IP address *nnn.nnn.nnn.nnn*

Severity: Warning

Explanation: The Configuration daemon cannot find the network name of the system or terminal specified by the IP address.

User Action: Verify that:

- ☐ The IP address is correct.
- ☐ The terminal's configuration database identifies the system that is to provide name service for the terminal.
- ☐ The name server is running and is accessible via the network.

NOILOOPBACK, unable to set interface address for inet loopback: *message*

Severity: Error

Explanation: The X server cannot set the Internet loopback address.

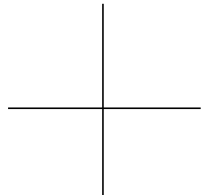
User Action: If you encounter this message, please contact NCD Technical Support.

NOIPNETWORK, unable to set IP address, IP interface disabled *message*

Severity: Error

Explanation: The message should either be empty or "address in use by another host."

User Action: If the message is "address in use by another host," please contact NCD Technical Support. Otherwise, no action is needed.



CONFIGD Messages

NOLATGROUP, unable to set LAT group codes: *message*

Severity: Error

Explanation: The X server cannot set up the terminal as part of a LAT service group as requested.

User Action: If you encounter this message, please contact NCD Technical Support.

NOLOCALCONFIG, no config file on local file system, trying network

Severity: Information

Explanation: The X server cannot locate a configuration file on the local file system, so it is trying to locate one on the network.

User Action: None

NOMULTICAST, unable to set *protocol* multicast address: *message*

Severity: Error

Explanation: The X server cannot set the multicast address for the specified protocol as requested.

User Action: If you encounter this message, please contact NCD Technical Support.

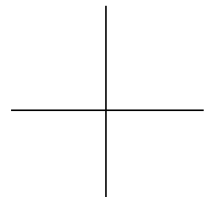
NONCDNETHOSTNAME, unable to find host name for NCDnet address: *aa.nnnn*

Severity: Warning

Explanation: The Configuration daemon cannot find the network name of the node specified by the DECnet address.

User Action: Verify that:

- ☐ The DECnet address is correct.
- ☐ The terminal's configuration database identifies the system that is to provide name service for the terminal.
- ☐ The name server is running and is accessible via the network.



NONET, no network interfaces have been enabled

Severity: Warning

Explanation: The X server expects to communicate via a network or over a serial line, but the terminal is not configured for communications via a network or for communications over a serial line.

User Action: Configure the terminal for network or serial communications. If you require assistance, please contact NCD Technical Support.

NOPASSWDS, no passwords configured, denying access

Severity: Warning

Explanation: The terminal does not have read/write or read-only passwords specified for access to the terminal's Configuration daemon and therefore is denying access to the configuration information.

User Action: Establish a read/write or read-only password for the terminal.

NOROW, row *n* does not exist

Severity: Error

Explanation: The specified row does not exist for a parameter that is being modified.

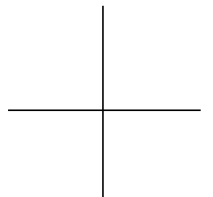
User Action: Verify the row numbers of the desired parameter.

NOSUCHCLIENT, no such local client *client*

Severity: Error

Explanation: The specified client does not exist.

User Action: Verify that the name of the client is correct.



CONFIGD Messages

NOTIME, unable to get current time from *IP_address of time server*

Severity: Error

Explanation: The time server did not respond, so the internal clock was not set. Could affect Java applications and other applications that rely on the correct time.

User Action: Check the configuration of the terminal's time parameters. Check the network connection to the time server and the host's configuration.

NVRAMTSS, length exceeds available NVRAM space by *n* characters

Severity: Error

Explanation: The string value entered exceeds the amount of optional string space available in NVRAM by the specified number of characters.

User Action: Either shorten the value assigned to the parameter you are modifying, or review the other values held in optional string space in NVRAM and shorten one of them so that the new value will fit.

OKPASSWD, correct *access_level* password entered

Severity: Information

Explanation: The correct password has been entered for the specified level of access; that is, either read-only or read/write access.

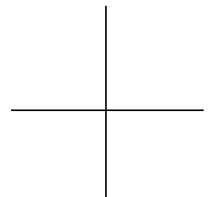
User Action: None

OPENFAILED, failed to open *filesystem_name* filesystem for verification

Severity: Error

Explanation: The X server cannot open the specified file system as requested.

User Action: If you encounter this message, please contact NCD Technical Support.



PARAMNOTTABLE, line *n*: parameter *parameter* is not a table

Severity: Error

Explanation: The entry on the given line treats the specified parameter as if it were a table when it is not.

User Action: Re-enter the information using a simple statement: *parameter* = *value*

READNVRAM, read in NVRAM settings

Severity: Information

Explanation: The *setup* client or *configd* is reading the values saved in NVRAM as requested.

User Action: None

SETGROUP, line *n*: can't set a group

Severity: Error

Explanation: The command entered on the given line attempts to set a value for an entire parameter group.

User Action: Set values for parameters individually.

SETPROTECTED, line *n*, parameter *parameter* is set-protected

Severity: Error

Explanation: The specified parameter on the given line has been protected against setting it to a different value.

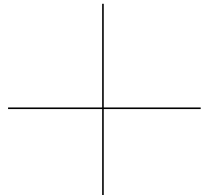
User Action: To change the value, first remove the parameter's protection, reboot the terminal, and then change its value.

SETSYSSTATUS, host *nnn.nnn.nnn.nnn* set system status to *status*

Severity: Information

Explanation: Reports the SNMP reset status of the terminal. See the *ncdreset* man page for more information.

User Action: None



CONFIGD Messages

SYNTAX, line *n*: syntax error at *string*

Severity: Error

Explanation: The specified line contains an error beginning with the specified string.

User Action: Make sure that the parameter, its value(s), and the commands are correct.

TIMEZONEFAIL, unable to set time zone to *timezone file*

Severity: Error

Explanation: The terminal was unable to load the timezone file specified by the *time-zone* configuration parameter.

User Action: Check to make sure that the timezone files were installed correctly and are accessible through the terminal's file service table.

TOOMANYREADS, nested file reads exceeded limit of *n*, ignoring file *file*

Severity: Error

Explanation: The Configuration daemon accepts nested files up to ten levels and does not read included files that exceed this limit.

User Action: Do not nest files to more than ten levels.

VERIFYFAILED, failed to verify *filesystem_name* filesystem

Severity: Error

Explanation: The X server cannot verify the structure of the specified file system as requested.

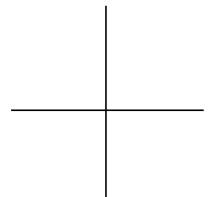
User Action: If you encounter this message, please contact NCD Technical Support.

VERIFYING, verifying *filesystem_name* filesystem

Severity: Information

Explanation: The X server is verifying the structure of the specified file system as requested.

User Action: None



VERIFYSUCCESS, successfully verified *filesystem_name* filesystem

Severity: Information

Explanation: The X server has verified the structure of the specified file system as requested.

User Action: None

WRONGBOOTMON, current Boot Monitor does not support *parameter*
or

WRONGBOOTMON, current Boot Monitor does not support NFS

Severity: Error

Explanation: You are trying to set a configuration parameter that is not supported by the Boot Monitor installed in the terminal.

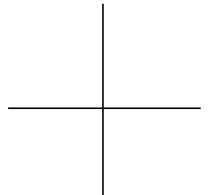
User Action: Obtain upgraded an Boot Monitor or use another method of network service such as TFTP.

WROTENVRAM, wrote settings to NVRAM

Severity: Information

Explanation: The configuration settings selected have been written to NVRAM.

User Action: None



CONFUI Messages

CONFUI messages pertain to the Configuration daemon user interface. If you are looking for a message that refers to the CONFUI module but does not appear here, refer to “Messages Common to All Modules” on page 18-7.

ALRDYUP, already running

Severity: Error

Explanation: The Configuration daemon user interface is already running on this terminal.

User Action: Use the existing user interface, or shut it down and invoke it again.

BADPASS, wrong password for host *host*

Severity: Error

Explanation: The password that has been entered is incorrect for the specified terminal.

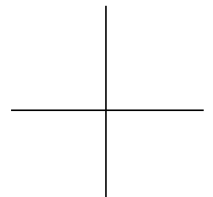
User Action: Obtain the correct password for the terminal to which you are trying to connect.

CONN, can not create connection to host *host*

Severity: Error

Explanation: The CONFUI module cannot connect to the specified terminal.

User Action: Make sure that the specified terminal name is correct. Confirm that the specified terminal is operational. If it is, confirm that the terminal is connected to the network and that the network is working.



CONNECT, conflib_connect_*type parameter* failed

Severity: Error

Explanation: The X server has detected an internal error. In this message, *type* refers to the value type, such as Boolean, floating point integer, string, or table.

User Action: If you encounter this message, please contact NCD Technical Support.

GET, conflib_get_*type parameter* failed

Severity: Warning

Explanation: The X server does not support the specified configuration parameter, perhaps because the parameter is from a previous version of the X server. In this message, *type* refers to the value type, such as Boolean, floating point integer, string, or table.

User Action: If you encounter this message, please contact NCD Technical Support.

LOSTCONN, lost connection to host *host*

Severity: Error

Explanation: The CONFUI module has lost its connection to the specified terminal.

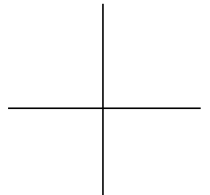
User Action: Confirm that the specified terminal is running. If it is, confirm that the terminal is connected to the network and that the network is operational.

NOCONN, Not connected to any terminal

Severity: Error

Explanation: The X server has detected an internal error.

User Action: If you encounter this message, please contact NCD Technical Support.



CONFUI Messages

NOEXT, can not get NCD-SETUP extension

Severity: Warning

Explanation: The X server has detected an internal error.

User Action: If you encounter this message, please contact NCD Technical Support.

NOFONT, can not create font *font*

Severity: Error

Explanation: The specified font is not available.

User Action: Use the default font or specify a substitute font.

SET, conflib_set_*type parameter* failed

Severity: Error

Explanation: The X server cannot set the specified parameter to the requested value. In this message, *type* refers to the value type, such as Boolean, floating point integer, string, or table.

User Action: Verify that the value requested is the type of value accepted by the parameter.

TEST, conflib_test_*type parameter* failed

Severity: Error

Explanation: The X server cannot set the specified parameter to the requested value. In this message, *type* refers to the value type, such as Boolean, floating point integer, string, or table.

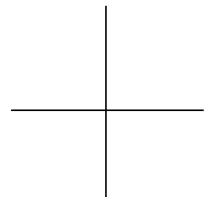
User Action: Verify that the value requested is the type of value accepted by the parameter.

XERROR, *X_name* error, request code *n.n*, value *value*

Severity: Error

Explanation: An error has occurred in the MIT X server.

User Action: Refer to Xlib documentation for information on the specified error.



CONSOLE Messages

CONSOLE messages pertain to the actions of the Console, Utilities ⇒ Lock Screen, and Login ⇒ Logout... , Console ⇒ Reboot, and Utilities ⇒ Rescan Current Font Path.

If you are looking for a message that refers to the CONSOLE module but does not appear here, refer to “Messages Common to All Modules” on page 18-7.

AUTOLOCK, automatic lock screen after *n* minutes, *n* seconds idle time

Severity: Warning

Explanation: Utilities ⇒ Lock Screen is locking the screen after waiting the specified amount of idle time as configured.

User Action: None

AUTOLOGOUT, automatic logout after *n* minutes, *n* seconds idle time

Severity: Warning

Explanation: Login ⇒ Logout... is logging the user out of the current X session after waiting the specified length of idle time as configured.

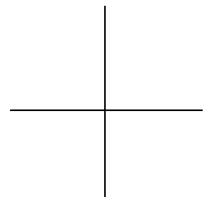
User Action: None

BADKEYSEQ, bad console key sequence *key_sequence*, using default

Severity: Error

Explanation: The CONSOLE module does not recognize the specified key sequence for invoking the Console and is using the default key sequence instead.

User Action: Verify that the identified key sequence is entered correctly.



CONSOLE Messages

BADSEL, unknown selection *selection_name* or target *information_type*

Severity: Error

Explanation: An application has requested the specified, unknown type of information from the Console.

User Action: Modify the application so that it requests the correct information.

FIONREAD, data from diagd missing, errno = *n*

Severity: Error

Explanation: The X server has detected an internal error.

User Action: If you encounter this message, please contact NCD Technical Support.

LOCKED, screen locked

Severity: Information

Explanation: Utilities ⇒ Lock Screen has locked the terminal's screen as requested.

User Action: None

LOGOUT, shutting down all windows

Severity: Information

Explanation: The X server is shutting down all windows as requested.

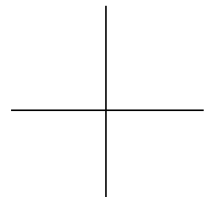
User Action: None

NOFONTPATH, unable to rescan font path

Severity: Error

Explanation: The X server cannot rescan the font path as requested because there is no current font path configured for the terminal.

User Action: Verify that the terminal is configured for a default font path and a current font path.



POWERMANAGE, automatic powerdown to state **state** after **n** minutes idle time

Severity: Warning

Explanation: The X server is powering the terminal to the state **state** after **n** minutes of idle time. This occurs on VESA-compliant monitors only.

User Action: None

REBOOT, shutting down and rebooting

Severity: Warning

Explanation: The X server is shutting down the terminal and rebooting it as requested.

User Action: None

SELSTOLEN, selection **selection_name** stolen from console

Severity: Error

Explanation: An application is attempting to prevent other applications from requesting information from the Console.

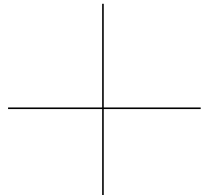
User Action: Modify the application that is preventing other applications from requesting information from the Console.

UNLOCKED, screen unlocked

Severity: Information

Explanation: The X server has unlocked the terminal's screen as requested.

User Action: None



DESKTOP Messages

DESKTOP messages pertain to the Java Virtual Machine (JVM). If you are looking for a message that refers to the DESKTOP module but does not appear here, refer to “Messages Common to All Modules” on page 18-7.

BADPORT bad port specified - using default value *integer*

Severity: Warning

Explanation: The port that was specified for contacting the JVM is invalid, and the desktop code will use the default port specified in the message.

User Action: Make sure that you are using a valid unused socket.

CLONG command too long - greater than 2048 bytes

Severity: Error

Explanation: The command string sent to the JVM exceeds the maximum command-line length.

User Action: Try to reduce the length of the path to the Java modules.

NOMEM could not allocate buffer for command string

Severity: Error

Explanation: The desktop launcher was not able to allocate space for the command buffer to be sent to the JVM.

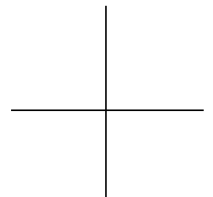
User Action: Close local clients or remote clients to free memory.

NOURL no URL specified

Severity: Error

Explanation: No URL that contains an applet was sent to the desktop code.

User Action: Specify an URL when calling the desktop code.



DHCP Messages

DHCP module messages pertain to the DHCP (Dynamic Host Configuration Protocol) support. If you are looking for a message that refers to the DHCP module but does not appear here, refer to “Messages Common to All Modules” on page 18-7.

INFLEASE, Infinite IP address lease acquired.

Severity: Information

Explanation: The terminal has acquired an IP address that it does not need to renew.

User Action: None

NEWLEASE, New IP address lease acquired, expires in *n* seconds.

Severity: Information

Explanation: The terminal has acquired an IP address that it is permitted to use for *n* seconds before it must renew the lease.

User Action: None

NOLEASE, Unable to renew IP address lease, TCP/IP network being halted.

Severity: Fatal

Explanation: The terminal was unable to renew its lease so it must disable its TCP/IP protocol stack.

User Action: Make sure that the DHCP server is responding.

NORESPONSE, DHCP server *nnn.nnn.nnn.nnn* or any others not responding: *n* seconds until lease expires.

Severity: Warning

Explanation: The terminal is unable to renew its IP address lease.

User Action: Make sure that the DHCP server is responding.

DIAGD Messages

DIAGD module messages pertain to the Diagnostic daemon. If you are looking for a message that refers to the DIAGD module but does not appear here, refer to “Messages Common to All Modules” on page 18-7.

STAMP, *days:hours:minutes:seconds*

Severity: Information

Explanation: When the Console Messages Time Stamp feature is active, the DIAGD module time stamps messages using the specified format. The time reported is the elapsed time since the last boot of the X server.

User Action: None

DOS Messages

This section lists the X server messages generated by the DOS module. These messages pertain to use of a local file system on a floppy drive.

If you are looking for a message that refers to the DOS module but does not appear here, refer to “Messages Common to All Modules” on page 18-7.

ALLOCERR, not enough sectors allocated for *file*

Severity: Error

Explanation: The file is corrupted.

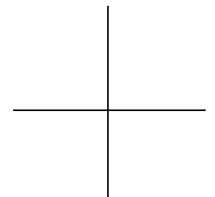
User Action: Reformat or replace the floppy disk.

CORRUPT, Corrupted file system detected, *message*

Severity: Error

Explanation: The X server detected invalid file system data structures. Message includes additional information, such as `invalid structure`.

User Action: Reformat or replace the floppy disk.



FATERR, Unable to write FAT, probable data loss

Severity: Error

Explanation: The X server cannot update the primary copy of the file allocation table (FAT). The floppy disk may be corrupted.

User Action: Reformat or replace the floppy disk.

FATWARN, Warning, unable to write backup FAT

Severity: Warning

Explanation: The floppy file system keeps two copies of the file allocation table (FAT). The X server is unable to update the second copy.

User Action: The potentially bad floppy may need to be replaced.

FORMAT, Format failed, *var*

Severity: Error

Explanation: The floppy disk cannot be reformatted because it is corrupted.

User Action: Replace the floppy disk.

NOPARENT, unable to find parent directory of *dir_name*

Severity: Error

Explanation: The file system state is inconsistent.

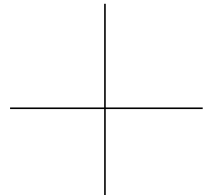
User Action: Reformat or replace the floppy disk.

WRITEFAIL, Disk write failed, (*n* sectors bad at *sector_n*)

Severity: Error

Explanation: The X server failed to write data to disk and files may be corrupted.

User Action: The floppy disk may be bad and need to be reformatted or replaced.



DTR Messages

DTR module messages pertain to the DTR network test utility. If you are looking for a message that refers to the DTR module but does not appear here, refer to “Messages Common to All Modules” on page 18-7.

MSGSRCVD, received *n* messages

Severity: Information

Explanation: The DTR module has received the specified number (*n*) of messages.

User Action: None

EXECD Messages

EXECD messages pertain to the execution of local clients. If you are looking for a message that refers to the EXECD module but does not appear here, refer to “Messages Common to All Modules” on page 18-7.

BADCMD, invalid command: *command*

Severity: Error

Explanation: The EXEC daemon does not recognize the specified command, usually a local client command.

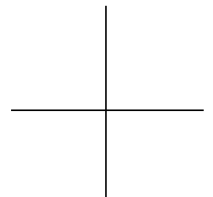
User Action: Check the *System Administrator’s Guide for UNIX Systems* or the client man page to determine the correct command for the desired local client.

BADERRPORT, invalid error port number in request

Severity: Error

Explanation: The X server has detected an internal error.

User Action: If you encounter this message, please contact NCD Technical Support.



BADLICENSE, terminal not licensed for: *feature*

Severity: Error

Explanation: The terminal does not have a license for the specified feature, such as DPS.

User Action: Contact NCD to obtain a valid license for the desired feature and enter it in the terminal's remote configuration file, NVRAM, or **license.dat** file.

BADMODDIR, bad modules directory: *dir*

Severity: Error

Explanation: The X server was unable to load modules from the configured directory.

User Action: Make sure that the modules are in the correct location and accessible.

BADPARAMS, invalid parameters given for: *client*

Severity: Error

Explanation: The specified local client does not recognize the command-line options it received through the EXEC daemon.

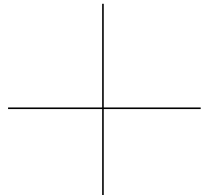
User Action: Verify that the command-line options are correct for the specified client.

BADPORT, refused request from *nnn.nnn.nnn.nnn* on bad port *n*

Severity: Error

Explanation: The EXEC daemon has received a request for connection from the specified host. The EXEC daemon is refusing the request because the request did not originate from a privileged TCP port on the host. Specifically, the requesting TCP port number is equal to or greater than 1024.

User Action: Verify the host system is using the correct TCP port.



EXEC D Messages

DISABLEDCMD, command has been disabled: **command**

Severity: Error

Explanation: **Command** cannot be executed because it has been configured as disabled.

User Action: Remove **command** from the **exec-disabled-commands** remote configuration parameter.

LOADCMD, error loading command: **command**

Severity: Error

Explanation: The X server is unable to load a module needed to run the command.

User Action: Make sure that the modules are present and in the correct location.

LOADDISABLED, loading of module **module** has been disabled

Severity: Error

Explanation: The module has been configured to be disabled.

User Action: Change the load policy for the module in the **modules-load-policy** remote configuration parameter.

LONGCMD, command string too long

Severity: Error

Explanation: The command that has been entered exceeds the limit of 512 characters.

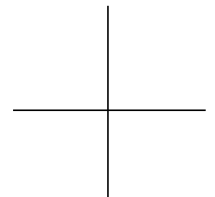
User Action: Re-enter the command, limiting the entry to 512 characters.

LONGUSER, user name too long

Severity: Error

Explanation: The user name that has been entered is too long.

User Action: Re-enter the user name, limiting the entry to 16 characters.



NOERRCONN, unable to connect to error socket: *message*

Severity: Error

Explanation: The network connection has failed.

User Action: Verify that the host is operational, that it is communicating on the network, and that the network is working.

NOERRPORT, unable to read port number from request

Severity: Error

Explanation: The X server has detected an internal error.

User Action: If you encounter this message, please contact NCD Technical Support.

NONIPERRPORT, error port given on non-IP connection

Severity: Error

Explanation: The X server has specified a port number when communicating across a DECnet network.

User Action: If you encounter this message, please contact NCD Technical Support.

NORESPORT, no reserved ports available

Severity: Error

Explanation: The X server has detected an internal error.

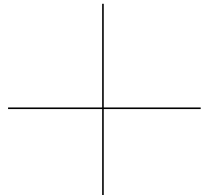
User Action: If you encounter this message, please contact NCD Technical Support.

OPENMODFAIL, unable to open module *module*

Severity: Error

Explanation: The X server cannot find *module*.

User Action: Make sure that the module is in the modules directory.



FILED Messages

PROCLIM, too many copies already running: *client*

Severity: Error

Explanation: The user has requested a local client when the maximum number of the client's processes already exist.

User Action: Use an existing client process, or close one of the existing client processes and open a new one.

START, running command: *command*

Severity: Information

Explanation: The EXECD module has started the specified command as requested.

User Action: None

UNKNOWNERR, unknown error for: *client*

Severity: Error

Explanation: The specified local client has failed with an unknown error code.

User Action: If you encounter this message, please contact NCD Technical Support.

FILED Messages

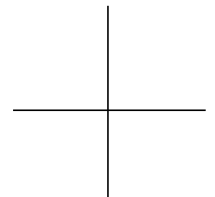
FILED messages pertain to the local file system and Local File Manager. If you are looking for a message that refers to the FILED module but does not appear here, refer to "Messages Common to All Modules" on page 18-7.

BADARG, invalid arguments to command

Severity: Error

Explanation: The X server does not recognize arguments of the command.

User Action: Retype the command with correct arguments.



BADNUMARGS, invalid number of arguments

Severity: Error

Explanation: An incorrect number of arguments was given with the command.

User Action: Retype the command with the correct number of arguments.

BADPASSWD, incorrect password entered

Severity: Warning

Explanation: The password that has been entered for the local file system is incorrect.

User Action: Confirm that you are using the correct password for access to the local file system.

FORMATABORT, format aborted, no data changed

Severity: Information

Explanation: The user entered the **format** command, but then entered **no** in response to the `Proceed with format?` prompt. In response, the FILED module aborted the formatting process.

User Action: None

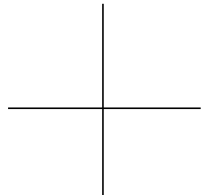
FORMATFAILED, failed to format local, *action*, *message*

Severity: Error

Explanation: The Local File Manager could not perform the specified action when it attempted to format the PCMCIA card. This situation occurs if:

- ☐ The PCMCIA card is inserted incorrectly.
- ☐ The PCMCIA card is write-protected.
- ☐ The user has read-only access to the local file system. Read-only access occurs with One-Time Programmable (OTP) cards, and with cards that the X server does not support.

User Action: Verify that: the PCMCIA card is seated properly in its slot, the write-protect switch on the PCMCIA card is write-enabled, and the card is supported by the current version of the X server.



FILED Messages

FORMATSUCCESS, format completed successfully

Severity: Information

Explanation: The local file manager formatted the PCMCIA card successfully as requested.

User Action: None

INFOFAILED, failed to read local info, *action* failed, *message*

Severity: Error

Explanation: The local file manager could not perform the specified action when it attempted to obtain information about the PCMCIA card. This situation may occur if no PCMCIA card is installed in the terminal base or if the PCMCIA card is unformatted.

User Action: Verify that the PCMCIA card is installed, that it is properly seated in the socket, and that it is formatted.

LISTFAILED, failed to list *device*, *action* failed, *message*

Severity: Error

Explanation: The Local File Manager could not perform the specified action when it attempted to list the files on the specified device. This situation may occur if no PCMCIA card is installed in the terminal base or if the PCMCIA card is unformatted.

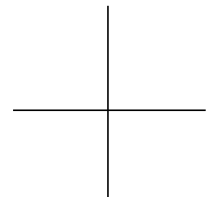
User Action: Verify that the PCMCIA card is installed, that it is properly seated in the socket, and that it is formatted.

NOPASSWD, no password configured, denying access

Severity: Warning

Explanation: The terminal's configuration database does not have a password specified for access to the local file manager and therefore is denying access.

User Action: Establish a password for access to the terminal's Local File Manager in the terminal's configuration database.



OKPASSWD, correct password entered

Severity: Information

Explanation: The correct password has been entered for access to the local file manager.

User Action: None

OPFAILED, *var*, *var*, *var*

Severity: Error

Explanation: Typically the variables state either (1) an operation that failed, (2) a file or directory operation failed, or (3) an error. For example, the user may have entered a bad file or directory name.

User Action: Correct the error indicated in the message.

RECLAIMFAILED, failed to reclaim local dirty space, *action* failed, *message*

Severity: Error

Explanation: The Local File Manager could not perform the specified action when it attempted to reclaim unused file space.

User Action: If you encounter this message, please contact NCD Technical Support.

RECLAIMSUCCESS, reclaim completed successfully

Severity: Information

Explanation: The Local File Manager has reclaimed previously used file space as requested.

User Action: None

SYNTAX, line *n*: syntax error at *string*

Severity: Error

Explanation: The specified line contains an error beginning with the specified string.

User Action: Make sure that the command entered is correct.

FONT Messages

VERIFYFAILED, failed to verify local, **action** failed, **message**

Severity: Error

Explanation: The Local File Manager could not perform the specified action when it attempted to verify the structure of the local file system. This situation may occur if the PCMCIA card is not installed or if the PCMCIA card is not formatted.

User Action: Verify that the PCMCIA card is installed, that it is properly seated in the socket, and that it is formatted. If no card is installed, you may ignore this message.

VERIFYSUCCESS, verify completed successfully

Severity: Information

Explanation: The Local File Manager verified its contents successfully as requested.

User Action: None

FONT Messages

FONT messages pertain to font service and the NCD font server. Most of the messages listed here appear only if the extended font diagnostics feature is enabled through the **pref-font-extended-diagnostics** parameter (Setup ⇒ Change User Preferences ⇒ Fonts ⇒ Show Extended Font Diagnostics).

If you are looking for a message that refers to the FONT module but does not appear here, refer to “Messages Common to All Modules” on page 18-7.

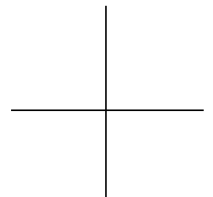
BADALIAS, failed to load font alias file **file**

Severity: Error

Explanation: The X server cannot load the specified font alias file.

User Action: Verify that:

- ☐ The font alias file is specified correctly.
- ☐ The font alias file resides in the specified location.
- ☐ The file service table contains an entry for the desired font alias file.
- ☐ The desired file has read access.



BADFONTDATA, bad data in font *font*

Severity: Error

Explanation: The X server attempted to read another vendor's SNF font file and was unsuccessful.

User Action: If your site uses another vendor's SNF fonts, convert them to NCD's SNF font format before using them. The NCD font server can provide the necessary conversion.

BADFONTFILE, cannot recognize data in font file *file*

Severity: Error

Explanation: The X server does not understand the information contained in the specified font file. This message occurs only when reading font files from the local file system.

User Action: Make sure the specified font file contains the correct font information. If the X server still cannot read the font file, create a **fonts.dir** file to identify the fonts residing in the local file system.

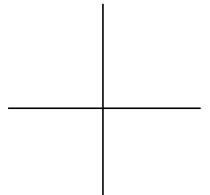
BADTYPE, unrecognized font type in file *file*

Severity: Error

Explanation: This message occurs when either of the following is true:

- ☐ The specified font file contains an incorrect font name.
- ☐ The X server is running low on memory.

User Action: Verify that the font name in the specified font file is correct. Verify that the X server has enough memory to access the font. If memory is running low, close any unused local clients to free local memory.



FONT Messages

FONTEMPTYDIR, no fonts found in directory *directory*

Severity: Information

Explanation: The X server cannot find any fonts in the specified directory. This message occurs only when the X server attempts to find fonts residing in the local file system and the local file system does not contain any font files.

User Action: If the font path specifies the local file system, make sure that fonts reside in the local file system. If the font path specifies the local file system when it should not, remove the local file system entry.

FONTMISSINGNAME, no FONT property in font *file* using *font*

Severity: Warning

Explanation: The specified font file does not contain the specified font name. This message occurs only when the X server attempts to find a font residing in the local file system.

User Action: None

FSBADCONN, failed to connect to font server: *font_server*

Severity: Error

Explanation: The X server cannot connect to the specified font server either because the font server name is incorrect, the font server is not running, the network is not working, or the X server is running low on memory.

User Action: Verify that:

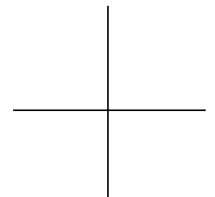
- ☐ The the font server name is correct.
- ☐ The font server is running.
- ☐ The font server is accessible via the network.
- ☐ The X server has sufficient memory to access the font server.

FSBADNAME, font server name *font_server* illegal or unresolvable

Severity: Error

Explanation: The X server does not recognize the specified font server.

User Action: Make sure the font server name is correct and conforms to the following guidelines:



- ❑ Font server names are case-sensitive; make sure the desired name is typed correctly.
- ❑ Font servers residing on DECnet networks require two colons (::) after the hostname or address while those residing on TCP/IP networks require one colon (:).
- ❑ The DECnet object name for a font server residing on a DECnet network must contain the prefix FONTS.

FSCANCEL, flushing pending requests to font server: *font_server*

Severity: Information

Explanation: The font server has stopped running, current applications are waiting for fonts from the font server, and the user has selected the Abort Waiting Fonts option in the Console window (Console ⇒ Abort Waiting Fonts).

User Action: None

FSCLOSECONN, disconnecting from font server: *font_server*

Severity: Information

Explanation: The X server is shutting down communications with the specified font server.

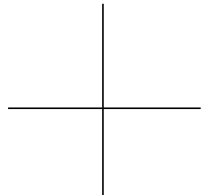
User Action: None

FSCONN, connecting to font server: *font_server*

Severity: Information

Explanation: The X server is establishing communications with the specified font server.

User Action: None



FONT Messages

FSCONNTIMEOUT, timed out connecting to font server

Severity: Warning

Explanation: The X server attempted to connect to a font server but the connect time exceeded the open connection time-out limit, which is defined in the **xserver-fontserver-open-timeout** parameter.

User Action: Verify that the font server is running, that it is accessible via the network, and that the time-out limit specifies a reasonable amount of time, such as the default 30.

FSINITERROR, failed to set font server catalogue "font_server"

Severity: Warning

Explanation: The X server has failed to initialize a font server connection.

User Action: Verify that the font server is accessible over the network.

FSLIST, listing fonts (on server *font_server*): *font*

Severity: Information

Explanation: The X server is listing the available fonts on the specified font server as requested by the *xlsfonts* client.

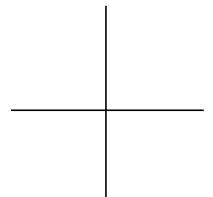
User Action: None

FSLISTINFO, listing fonts with info (on server *font_server*): *font*

Severity: Information

Explanation: The X server is listing the available fonts on the specified font server and additional information as requested by the *xlsfonts* client with the **-I** command-line option.

User Action: None



FSREADTIMEOUT, timed out reading from font server

Severity: Warning

Explanation: The X server requested a font from a font server but the response time exceeded the read font time-out limit, which is defined in the **xserver-fontserver-read-timeout** parameter.

User Action: Verify that the font server is running, that it is accessible via the network, and that the read time-out limit specifies a reasonable amount of time, such as the default of 20.

FSREQ, requesting font (on server *font_server*): *font*

Severity: Information

Explanation: The X server is requesting the specified font from the specified font server.

User Action: None

FSREQTIMEOUT, timed out in servicing request from font server

Severity: Warning

Explanation: The X server requested a font from a font server but the response time exceeded the time limit specified for response from the font server.

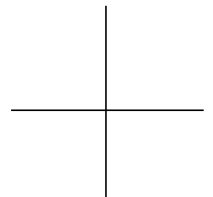
User Action: Verify that the font server is running, that it is accessible via the network, and that the request time-out limit specifies a reasonable amount of time.

FSRESETCONN, resetting connection to font server: *font_server*

Severity: Information

Explanation: The X server is resetting status information, such as dpi, as requested.

User Action: None



FONT Messages

LIST, listing fonts on pattern: *font_pattern*

Severity: Information

Explanation: The X server is listing fonts that match the specified pattern as requested.

User Action: None

LISTINFO, listing fonts with info on pattern: *font_pattern*

Severity: Information

Explanation: The X server is listing fonts that match the specified pattern and providing additional information as requested.

User Action: None

LOSTCONNECTION, lost connection to font server *font_server*

Severity: Error

Explanation: The connection to the font server failed.

User Action: Verify that the font server is running and that it is accessible to the network.

NOACCESS, denied access to font server *font_server*

Severity: Error

Explanation: The X server is not included in the list of trusted clients that the font server maintains and is therefore refused access to the font server.

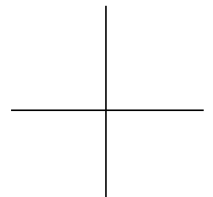
User Action: Add the terminal to the font server's list of trusted clients, maintained in the **trusted-clients** parameter in the font server configuration file, if the terminal should have access to the fonts on that font server. (If no values are in the parameter, the default is to accept any connection.)

REQ, requesting font: *font*

Severity: Information

Explanation: The X server is requesting the specified font for display on the screen.

User Action: None



RETAINFONTS, retained font path over server reset

Severity: Information

Explanation: As requested, the X server retained the default font path even though the X server was reset.

User Action: None

RETAINFONTSFAIL, failed to retain font path over server reset

Severity: Information

Explanation: The X server attempted to retain the default font path after the X server was reset, but could not. This usually occurs when a font server is included in the font path or if the font path has changed since the last reset of the X server.

User Action: None

TRYINGALTERNATE, attempting connection to alternate font server *font_server*

Severity: Information

Explanation: The original font server connection has failed. The X server is trying to connect to the alternate font server.

User Action: Check to see why the original font server is no longer functioning.

IPROUTE Messages

IPROUTE messages appear only if extended IP routing diagnostics are enabled by setting the **ip-extended-routing-diagnostics** parameter to “true.” If you are looking for a message that refers to the IPROUTE module but does not appear here, refer to “Messages Common to All Modules” on page 18-7.

ADDING, adding route to *nnn.nnn.nnn.nnn* thru gateway *nnn.nnn.nnn.nnn*

Severity: Information

Explanation: The X server is adding the specified route to its IP routing table as requested.

User Action: None

IPROUTE Messages

HOLDDOWN, no response from **nnn.nnn.nnn.nnn**: temporarily disabling default route thru gateway **nnn.nnn.nnn.nnn**

Severity: Information

Explanation: The X server is no longer trying to route packets to the specified default gateway. This may be because of network problems or because of problems on the gateway. The X server uses the second default gateway (defined by **ip-initial-default-gateway-2**) when the initial default gateway (**ip-initial-default-gateway-1**) fails. When the X server verifies via **ping** that the gateway machine **nnn.nnn.nnn.nnn** is operating, it again routes packets there.

User Action: None

NORESPONSE, no response from **nnn.nnn.nnn.nnn** using route to **nnn.nnn.nnn.nnn** thru gateway **nnn.nnn.nnn.nnn**: deleting route

Severity: Information

Explanation: The X server has not received a response from the specified destination using the specified gateway, and is deleting the route from its IP routing table. The three IP addresses specified are the destination host, the destination network, and the gateway.

User Action: None

RESTORE, restoring default route thru gateway **nnn.nnn.nnn.nnn**

Severity: Information

Explanation: The X server has reestablished a stable network connection with the specified default gateway.

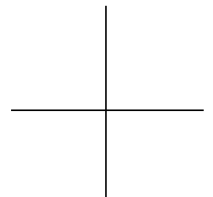
User Action: None

TIMEDOUT, route to **nnn.nnn.nnn.nnn** through gateway **nnn.nnn.nnn.nnn** timed out: deleting route

Severity: Information

Explanation: The route to the specified destination has timed out, and the X server is removing the route from its IP routing table.

User Action: None



JAVA Messages

JAVA messages pertain to use of Java. If you are looking for a message that refers to the JAVA module, but is not listed here, see “Messages Common to All Modules” on page 18-7.

ABORT, aborting java virtual machine

Severity: Fatal

Explanation: The Java module has experienced a fatal internal error.

User Action: Please contact NCD Technical Support.

NOMEM, unable to allocate enough memory

Severity: Fatal

Explanation: There is not enough memory for Java to operate.

User Action: Add memory to the terminal or exit from other applications.

NOZIPFILEUSE, unable to use zip file *filename*

Severity: Warning

Explanation: The Java module cannot open the compressed class files.

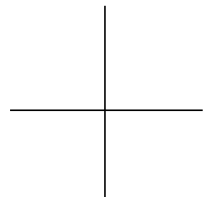
User Action: Use TFTP instead of NFS for accessing class files.

ZIPERR, error reading zip file *filename message*

Severity: Error

Explanation: There is an error in the compressed file; the file is probably corrupted.

User Action: Reinstall the zip file from the NCDware distribution CD-ROM.



KBM Messages

KBM messages pertain to usage of downloadable keyboard description files.

For more information about using downloadable keyboard descriptions, see Chapter 17, Keyboards and Downloadable Keyboard Definitions.

If you are looking for a message that refers to the KBM module but does not appear here, refer to “Messages Common to All Modules” on page 18-7.

ARGUMENT, Line *n*: argument found where end of line is expected: *arg*

Severity: Error

Explanation: At line *n*, the X server encountered an extra command-line argument *arg*.

User Action: Check the syntax and usage of the keyboard definition statement in line *n*.

CLOSEINCLUDE, Closing include file: *file*

Severity: Information

Explanation: Reports that the file, which is an include file referred to in the primary keyboard description file, was read completely.

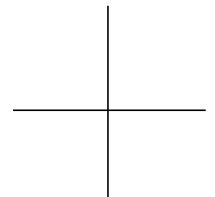
User Action: None

COPYNOMEMORY, Line *n*: no memory to copy string: *string*

Severity: Error

Explanation: The terminal ran out of memory for temporary string storage.

User Action: Check the amount of available memory. If possible, close some local clients to free more memory. You may need to add memory to the terminal.



DEADKEYNOMEMORY, Line *n*: no memory for deadkey list: *list*

Severity: Error

Explanation: The terminal ran out of memory for the deadkey list.

User Action: Check the amount of available memory. If possible, close some local clients to free more memory. You may need to add memory to the terminal.

DEBUGDISABLE, Debug operation disabled

Severity: Warning

Explanation: Reports that the ability to invoke the Boot Monitor from the keyboard while the X server is running has been disabled.

User Action: Verify that Boot Monitor access key combination was disabled intentionally.

ENDOFFILE, Line *n*: unexpected end of file

Severity: Error

Explanation: At line *n*, an end-of-file was reached before parsing was complete.

User Action: Check the syntax and usage of the keyboard definition statements in line *n*.

EXPECTEQUAL, Line *n*: expecting "=" instead of: *arg*

Severity: Error

Explanation: At line *n*, an equals sign (=) is needed instead of *arg*.

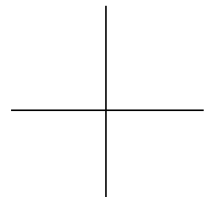
User Action: Check the syntax and usage of the keyboard definition statement in line *n*.

EXPECTNUMBER, Line *n*: expecting number instead of: *arg*

Severity: Error

Explanation: At line *n*, a number-type argument is needed instead of *arg*.

User Action: Check the syntax and usage of the keyboard definition statement in line *n*.



EXPECTQUOTE, Line *n*: expecting quoted string instead of: *arg*

Severity: Error

Explanation: At line *n*, a quoted string, such as a filename, is needed instead of *arg*.

User Action: Check the syntax and usage of the keyboard definition statement in line *n*.

INVALIDLEDCMD, Line *n*: invalid LED command: *command*

Severity: Error

Explanation: The LED command is an invalid operation.

User Action: Check the syntax and usage of the LED command in line *n*.

INVALIDLEDFUNC, Line *n*: invalid LED function: *function*

Severity: Error

Explanation: The LED function is an invalid action.

User Action: Check the syntax and usage of the LED function in line *n*.

INVALIDLEDNUM, Line *n*: invalid LED number: *LEDn*, must be in the range of 1 to *n*

Severity: Error

Explanation: The LED commands must refer to LEDs numbered in the range of 1 to the maximum number of LEDs (*n*). *LEDn* does not fall in that range.

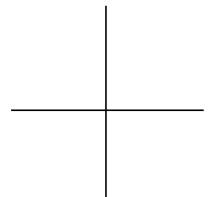
User Action: Check the syntax and usage of the LED command in line *n*.

INVALIDNUMLED, Line *n*: invalid number of LEDs: *LEDn*, must be in the range of 0 to 4

Severity: Error

Explanation: At line *n*, the number of LEDs must be in the range of 0 - 4.

User Action: Check the syntax and usage of the LED command in line *n*.



KEYCODERANGE, Line *n*: keycodes must be in the range of 0 to 254 instead of: *key_n*

Severity: Error

Explanation: At line *n*, the keycode (*key_n*) must be in the correct range of 0 to 254.

User Action: Check the syntax and usage of the keycode definition statement in line *n*.

KEYSYMLISTEMPTY, Line *n*: provided keysym list is empty

Severity: Error

Explanation: You must provide at least one keysym for each of the following keyboard definition file statements: `modifier`, `repeat`, `lock`, `latch`, `click`, `click add`, and `click remove`.

User Action: Make sure that each of the statements listed has at least one keysym.

KEYSYMNOMEMORY, Line *n*: no memory for keysym list: *list*

Severity: Error

Explanation: The terminal ran out of memory for the keysym list.

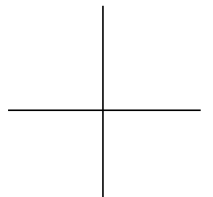
User Action: Check the amount of available memory. If possible, close some local clients to free more memory. You may need to add memory to the terminal.

KEYWORD, Line *n*: unknown keyword: *keyword*

Severity: Error

Explanation: The keymapper file has an unknown command at line *n*.

User Action: Check the syntax and usage of *keyword* in line *n*.



MAXDEBUGKEYS, Line *n*: found *debug_n* debug combination keys, *max_n* maximum

Severity: Error

Explanation: At line *n*, *debug_n* keys, more than the maximum (usually four) keys, are used to define a Boot Monitor access key combination.

User Action: Change the Boot Monitor access key combination definition to *max_n* or fewer keys.

MAXSETUPKEYS, Line *n*: found *setup_n* setup combination keys, *max_n* maximum

Severity: Error

Explanation: At line *n*, *setup_n*, more than the maximum (usually four) keys, are used to define a Setup key combination.

User Action: Change the Setup key combination definition to *max_n* or fewer keys.

MOREKEYSCAN, Line *n*: more keycodes (*key_n*) given than scancodes (*scan_n*)

Severity: Error

Explanation: At line *n*, the scancode command has more keycodes (*key_n*) than scancodes (*scan_n*).

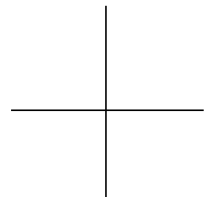
User Action: Check the syntax and usage of the keyboard definition statement in line *n*.

MORESCANKEY, Line *n*: more scancodes (*scan_n*) given than keycodes (*key_n*)

Severity: Error

Explanation: At line *n*, the scancode command has more scancodes than keycodes.

User Action: Check the syntax and usage of the keyboard definition statement in line *n*.



NODEADKEYSYET, Line *n*: warning no deadkeys defined yet

Severity: Warning

Explanation: A dead-key command used a dead-key keysym that had not already been defined in the keyboard definition file.

User Action: Define the dead-key keysym in the keycode section of the file.

NOFILE, Cannot open file: *file*

Severity: Error

Explanation: The file does not exist or the file service table is not configured to ensure access to it.

User Action: Make sure that the file exists and the file service table is configured for access to it (Setup ⇒ Change Setup Parameters ⇒ File Service ⇒ File Service Table).

NOFILEINC, Line *n*: cannot open file: *file*

Severity: Error

Explanation: The include file referred to in line *n* does not exist or the file service table is not configured to ensure access to it.

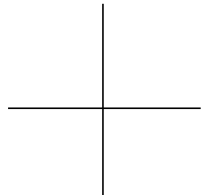
User Action: Make sure that the file exists and the file service table is configured for access to it (Setup ⇒ Change Setup Parameters ⇒ File Service ⇒ File Service Table).

NOKEYSYM, Line *n*: keysym not found in keycode table *name*

Severity: Error

Explanation: At line *n*, the keysym located in a command was not defined in the keycode portion of the file.

User Action: Define the keysym in a higher location in the file than its first use.



KBM Messages

NOKESYMINTABLE, Line *n*: found no occurrence of keysym in table: **keysym**

Severity: Error

Explanation: At line *n*, the keysym was not found in the keycode table.

User Action: Check the syntax and usage of the keyboard definition statement in line *n*.

NOMEMORY, No memory for temporary keyboard table

Severity: Fatal

Explanation: The terminal ran out of memory for internal tables.

User Action: Check the amount of available memory. If possible, close some local clients to free more memory. You may need to add memory to the terminal.

NOMODIFIERSYET, Line *n*: warning no modifiers defined yet

Severity: Warning

Explanation: At line *n*, the modifier command included a keysym that had not already been defined in the keycode section of the file.

User Action: Define the keysym in the keycode section of the file.

NOOPERATION, Line *n*: unknown **command** operation:**var**

Severity: Error

Explanation: At line *n*, the operation requested for the command is invalid.

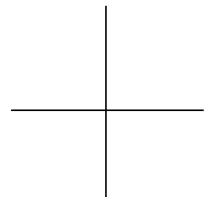
User Action: Check the syntax and usage of **command** in line *n*.

NUMERRORS, Total errors: *n*

Severity: Information

Explanation: Reports the number of parsing errors the X server encountered during reading the file.

User Action: None



ONEKEYCODE, Line *n*: must have at least one keycode

Severity: Error

Explanation: At line *n*, the scancode command requires at least one *scancode* to *keycode* value definition.

User Action: Check the syntax and usage of scancode command in line *n*.

ONESCancode, Line *n*: must have at least one scancode

Severity: Error

Explanation: At line *n*, the scancode command requires at least one *scancode* to *keycode* value definition.

User Action: Check the syntax and usage of the scancode command in line *n*.

OPENINCLUDE, Opening include file: *file*

Severity: Information

Explanation: Reports the full pathname of an include file *file* that is referred to in the main file.

User Action: None

READINGFILE, Reading file: *file*

Severity: Information

Explanation: Reports the full pathname of the file being read.

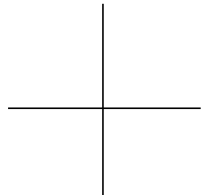
User Action: None

SCANCODERANGE, Line *n*: scancodes must be in the range of 0 to 255 instead of: *scan_n*

Severity: Error

Explanation: At line *n*, the scancode *scan_n* is not in the range of 0 to 255.

User Action: Check the syntax and usage of the scancode command in line *n*.



KBM Messages

SETUPDISABLE, Setup operation disabled

Severity: Warning

Explanation: Reports that keyboard access to the Setup menus has been disabled.

User Action: Verify that the menu access was disabled intentionally.

SUBNOSYMBOL, Line *n*: cannot substitute "NoSymbol" keysym

Severity: Error

Explanation: At line *n*, the keysym command cannot make a substitute of NoSymbol, which is a default.

User Action: Select another keysym.

TOOFEWKEYSYMS, Line *n*: not enough keysyms provided

Severity: Error

Explanation: At line *n*, the deadkey command has too few keysyms.

User Action: Correct the keyboard description file deadkey command.

TOOMANYKEYCODE, Line *n*: too many keycodes, found *key_n*

Severity: Error

Explanation: At line *n*, the scancode command has *key_n* keycodes, which is more than the maximum of 256.

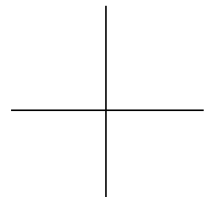
User Action: Check the syntax and usage of the keyboard definition statement in line *n*.

TOOMANYKEYSYMS, Line *n*: the maximum number of keysyms per keycode is *key_n*

Severity: Error

Explanation: At line *n*, the keysym or keycode command exceeded the maximum of four keysyms per command.

User Action: Check the syntax and usage of the keyboard definition statement in line *n*.



TOOMANYSCAN, Line *n*: too many scancodes, found *scan_n*

Severity: Error

Explanation: At line *n*, the scancode command has *scan_n* scancodes, more than the maximum of 256.

User Action: Check the syntax and usage of the scancode command in line *n*.

UNKNOWNKEYSYM, Line *n*: unknown keysym name: *name*

Severity: Error

Explanation: At line *n*, the terminal does not recognize the keysym name *name*.

User Action: Check the syntax and usage of *keysym* in line *n*.

KEYMAPPER Messages

KEYMAPPER messages pertain to the Keymap Editor. If you are looking for a message that refers to the KEYMAPPER module but does not appear here, refer to “Messages Common to All Modules” on page 18-7.

USAGE, *usage_syntax*

Severity: Fatal

Explanation: The user included an incorrect command-line option.

User Action: Review the usage and syntax instructions in the command’s man page for the correct options and usage.

LICENSE Messages

LICENSE messages pertain to use of the license management software.

If you need to call NCD Technical Support for a problem related to the LICENSE module, make sure you have the output from the *lmgrd* daemon containing messages sent to the log file. The error log file is specified when starting the license server. For more information, see the *NCDware System Administrator’s Guide for UNIX Systems*. NCD Technical Support needs the information contained in the log file to assist in diagnosing problems.

LICENSE Messages

For messages that refer to the LICENSE module but do not appear here, refer to “Messages Common to All Modules” on page 18-7. Additional information about FLEXlm messages is contained in the *FLEXlm End User Manual*.

ATTEMPTCON, Requesting **feature** license from ncdlicense at **host_IP**

Severity: Information

Explanation: The X server is trying to obtain a license for **feature** from the license daemon running on **host_ip**.

User Action: None

BADFEATMASK, Received packet with wrong feature or request

Severity: Error

Explanation: The terminal sent a request to **ncdlicense**, which responded with the wrong feature or request.

User Action: Try again. If the problem persists, contact NCD Technical Support.

BADLICENSE, invalid license string: **license_string**

Severity: Error

Explanation: The license string (**license_string**) is invalid.

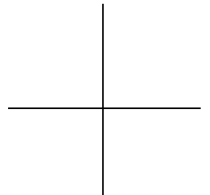
User Action: Correct the license string in the remote configuration file, NVRAM, or the **license.dat** file. For floating and site licenses, you must use the **lmreread** utility to instruct the terminal to reread the **license.dat** file and you must restart **ncdlicense**.

ERRBIND, bind () failed: **message**

Severity: Error

Explanation: The **bind ()** system call failed on the terminal. **Message** is the UNIX error description.

User Action: Reboot the terminal. If the problem persists, contact NCD Technical Support.



ERRORSENDPKT, sendto () failed: *message*

Severity: Error

Explanation: The **sendto** () system call failed on the terminal. *Message* is the UNIX error description.

User Action: Reboot the terminal. If the problem persists, contact NCD Technical Support.

ERRPORTACCESS, access to port *port_n* denied

Severity: Error

Explanation: Access to *port_n* was denied.

User Action: Reboot the terminal. If the problem persists, contact NCD Technical Support.

ERRRECVPKT, recvfrom () failed: *message*

Severity: Error

Explanation: The **recvfrom** () system call failed on the terminal. *Message* is the UNIX error description.

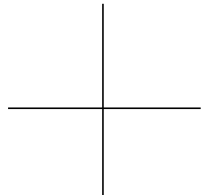
User Action: Try again. If the problem persists, contact NCD Technical Support.

ERRRECVZERO, empty packet received: *message*

Severity: Error

Explanation: The license packet received by the terminal was empty. *Message* is the UNIX error description.

User Action: Reboot the terminal. If the problem persists, contact NCD Technical Support.



LICENSE Messages

ERRSENTDO, sendto () failed: *message*

Severity: Error

Explanation: The `sendto ()` system call failed on the terminal. *Message* is the UNIX error description.

User Action: Reboot the terminal. If the problem persists, contact NCD Technical Support.

ERRSHORTPKT, recvfrom () received short packet

Severity: Error

Explanation: The terminal received a truncated license packet.

User Action: Try again. If the problem occurs again, restart *ncdlicense* on the license host.

ERRSOCKET, socket () failed: *message*

Severity: Error

Explanation: The `socket ()` system call failed on the terminal. *Message* is the UNIX error description.

User Action: Reboot the terminal. If the problem persists, contact NCD Technical Support.

FAILCHECKOUT, license checkout failed, received NACK

Severity: Error

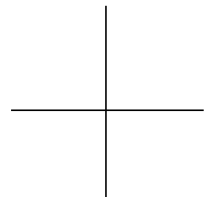
Explanation: *ncdlicense* refused to license the requested feature.

User Action: Make sure that you have a license for the feature.

FLEXMSG, FLEXlm: *message*

Severity: Information

Explanation: The X server is reporting the most recent FLEXlm error message, including the error numbers. FLEXlm errors are described in the *FLEXlm End*



User Manual. If a UNIX operating system error is also involved, the X server message also includes the UNIX error message and number.

User Action: Check the *FLEXlm End User Manual* for a description of the problem.

INVLICENSE, *n*, invalid license string: *license_string*

Severity: Error

Explanation: *n* is an error value. The license string (*license_string*) is invalid.

User Action: Correct the license string in the remote configuration file, NVRAM, or the *license.dat* file. For floating and site licenses, you must use the *lmreread* utility to instruct *lmgrd* to reread the *license.dat* file and you must restart *ncdlicense*.

LICBADCHAR, bad character *char* in license string

Severity: Error

Explanation: The license string contained an invalid character. Valid characters for 16-character license strings are: abcdefABCDEF0123456789. Valid characters for 12-character license strings are: abcdefghijklm ABCDEFGHIJKLM.

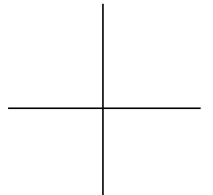
User Action: Correct the license string in the remote configuration file or the *license.dat* file. For floating and site licenses, you must use the *lmreread* utility to instruct the *lmgrd* to reread the *license.dat* file and you must restart *ncdlicense*.

LICREMOVE, could not validate license, disabling features

Severity: Error

Explanation: The terminal tried to return a license, but the FLEXlm license manager did not accept it.

User Action: None.



LICENSE Messages

LICWRONGLENGTH, license string is not *n* characters

Severity: Error

Explanation: The license string contained in the remote configuration file or the `license.dat` file has the wrong number (*n*) of characters.

User Action: Correct the license string in the remote configuration file or the `license.dat` file. For floating and site licenses, you must use the *lmreread* utility to instruct *lmgrd* to reread the `license.dat` file and you must restart *ncdlicense*.

NACK, received NACK: *integer*

Severity: Information

Explanation: Licenses for the requested feature are unavailable. The integer must be interpreted by NCD Technical Support.

User Action: None

NOCONN, connection to *host_IP* failed: *message*

Severity: Error

Explanation: The terminal failed to connect to the license agent running on *host_IP*. The X server reports the UNIX error description (*message*).

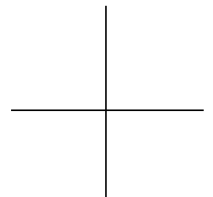
User Action: Verify that *ncdlicense* and *lmgrd* are running on *host_IP*.

NOFORFEIT, failed to send LM_FORFEIT

Severity: Error

Explanation: The terminal was unable to return a license to the license manager. The terminal will not include the feature in its heartbeat (routine status message) to *ncdlicense*, so the license eventually returns to the license pool.

User Action: None



NOHEARTBEAT, failed to send LM_HEARTBEAT

Severity: Error

Explanation: The terminal failed to send a heartbeat (routine status message) to *ncdlicense*, which results in its licenses being returned to the license manager. The terminal must then request new licenses.

User Action: If the problem persists, reboot the terminal. If it continues after rebooting, contact NCD Technical Support.

NOLICENSE, failed to obtain license for *featureA*

Severity: Error

Explanation: The terminal did not obtain a license for *featureA*.

User Action: Make sure that you are licensed for *featureA*.

NONCDNET, NCDnet being DISABLED - not licensed!!

Severity: Error

Explanation: The terminal does not have a license for NCDnet (also called DECnet).

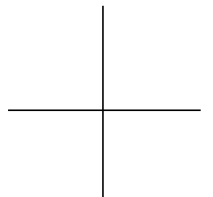
User Action: Make sure that you have a valid NCDnet license. Enter the valid license string into the terminal's NVRAM or a remote configuration file.

NORESPONSE, no response from license host *host_IP*

Severity: Error

Explanation: *ncdlicense* at the address *host_IP* did not respond to the terminal's license request.

User Action: Make sure that *ncdlicense* and *lmgrd* are both running on the host *host_IP*.



LOADB Messages

SELECTERR, select () failed: *message*

Severity: Error

Explanation: The `selecterr ()` system call failed on the terminal. *Message* is the UNIX error description.

User Action: Reboot the terminal. If the problem persists, contact NCD Technical Support.

LOADB Messages

LOADB messages pertain to loading of the NCD Mosaic Browser. If you are looking for messages that refer to the LOADB module but do not appear here, refer to “Messages Common to All Modules” on page 18-7.

BROWSER using browser: *string*

Severity: Information

Explanation: Tells which browser module is being loaded.

User Action: None

ENVNOT Cannot resolve: *string=string* Environment variable *\$string* not found

Severity: Warning

Explanation: An environment variable was specified in `pref-environment` with no value.

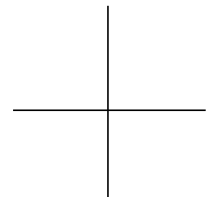
User Action: Make sure that all environment variables specified in the `pref-environment` parameter have values.

GOODURL The browser is currently loading, the URL will result in a new browser pane after the browser loads.

Severity: Information

Explanation: You tried to open two different URL pages on the browser while it is still loading.

User Action: None



IGNURL The browser is currently loading and the requested URL is already being processed. This URL request will be ignored.

Severity: Information

Explanation: The browser was started again with the same URL that is being loaded before the first URL could be loaded. It is assumed that only one of the windows is desired.

User Action: If you want multiple copies of the same URL, wait until the first is loaded before loading the others.

NOLOAD loadb called with nothing to load

Severity: Error

Explanation: *loadb* requires a local client command name if called directly.

User Action: Specify the local client to load.

NOMEM Not enough memory for URL string. This URL request will be ignored

Severity: Error

Explanation: In the process of trying to send a URL string to the running browser, *loadb* could not allocate enough memory.

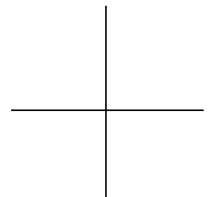
User Action: Start closing local clients or remote clients until the terminal has more memory available.

NOW The browser is running, if you wish to start a new window pane include the *-w* parameter as the first parameter in the command.

Severity: Warning

Explanation: Only one copy of the browser can run at any time; you must use the *-w* flag to open a new window.

User Action: If you want to open a new window after the browser is already running, specify *-w* as the first flag after the **browser** command to open a new window in the currently running browser. Only the current URL flag will be forwarded to the browser.



LOADB Messages

PARMMEM Not enough free memory for browser parameter string. Loading of browser terminated

Severity: Error

Explanation: The browser ran out of memory before it started to load.

User Action: Stop local clients and remote clients to free more memory.

PROURL The requested URL is already being processed. This URL request will be ignored.

Severity: Information

Explanation: The browser was started again with the same URL that is being loaded. It is assumed that only one of the windows is desired.

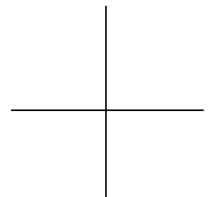
User Action: If you want multiple copies of the same URL, wait until the first is loaded before loading any others.

TIMEOUT Timeout sending URL to browser.

Severity: Error

Explanation: The browser seems to be running but is not able to accept a new URL from the command line. Either the current browser is not working or it is too busy.

User Action: Either wait until the browser is less busy, or stop the browser and restart it.



LOCALDEV Messages

LOCALDEV messages pertain to a terminal's local file system on a PCMCIA card. If you are looking for messages that refer to the LOCALDEV module but do not appear here, refer to "Messages Common to All Modules" on page 18-7.

FLASH, *n* megabyte flash memory card: manufacturers id *id*, devcode *code*

Severity: Information

Explanation: Identifies the PCMCIA card and the amount of memory available.

User Action: None

READONLY, *n* megabyte read only memory card

Severity: Information

Explanation: Identifies the card as read-only.

User Action: None

UNKNOWN, *n* megabyte memory card of unknown type

Severity: Information

Explanation: Reports that the card type is unknown to the X server, but identifies the amount of available memory.

User Action: None

UNSUPPORTED, unsupported memory card: manufacturers id *id*, device *dev*

Severity: Error

Explanation: The current version of the X server does not support the memory card installed in the terminal base. The memory card is identified by its manufacturer's identification and its device code.

User Action: Replace the current memory card with one supported by the current version of NCDware. NCD Technical Support can provide you with a list of the supported memory cards.

LOGIN Messages

WRITEERROR, error flushing data to flash card

Severity: Error

Explanation: A write error occurred when writing to the PCMCIA card. The PCMCIA card may be corrupted.

User Action: You may need to reformat the card and recopy the contents onto it.

LOGIN Messages

LOGIN messages pertain to the *login* local client (Login \Rightarrow Login New X Session).

For messages that start with LOGIN but do not appear here, refer to “Messages Common to All Modules” on page 18-7.

BDAUTHENTICATION, bad *authentication_type* authentication given by XDMCP host

Severity: Warning

Explanation: The specified type of authentication has failed during initial connection, usually due to an incorrect password.

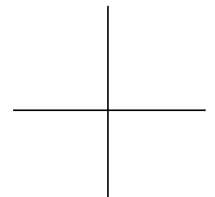
User Action: Verify that the password being entered is correct for the desired type of authentication.

BDAUTHORIZATION, bad *authorization_type* authorization given by XDMCP host

Severity: Warning

Explanation: The authorization information contained in the packet from the host system is incorrect.

User Action: Verify that the passwords contained on the host system and in the X server are the same.



DWBADAUTHORIZATION, unable to login to DECWindows host: *host*

Severity: Error

Explanation: The specified DECwindows host has refused the user's login attempt. This message usually occurs when the user's password is incorrect.

User Action: Verify that the user enters the correct password when logging in to the DECwindows host.

DWERROR, *n* error while *action* host: *host*

Severity: Error

Explanation: The X server detected the specified error (indicated by the error number) while attempting to connect to the specified host.

User Action: Make sure that the host is connected to the network, that the network is running, and that the host system's NCP database contains the correct network addresses for the terminal and the host system.

KEEPALIVEOK, login host finally responding to keepalives

Severity: Information

Explanation: The host is responding to XDM keepalive packets.

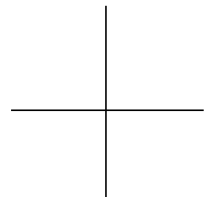
User Action: None

NOAUTHORIZATION, no authorization; allowing access to host "*host*"

Severity: Warning

Explanation: The user attempted to connect to the specified host with XDM-AUTHORIZATION-1 but the attempt failed. Access is granted using MIT-MAGIC-COOKIE-1 authorization instead.

User Action: Verify that the password being entered is correct for the desired type of authentication.



LOGIN Messages

NOSESSION, login prompter on host "**host**" failed to start session

Severity: Fatal

Explanation: The specified host has not started the login program because it detects other clients running on the terminal.

User Action: Close any existing client connections to the terminal before requesting login services.

XDMCPFAIL, XDMCP error: **message**: **status**

Severity: Error

Explanation: The X server has detected the specified XMDCP error.

User Action: Use the information contained in the message to determine the best course of action.

XDMCPNOBROADCAST, unable to set broadcast option on XDMCP socket

Severity: Error

Explanation: The X server cannot set the broadcast option for XDMCP requests for service.

User Action: If you encounter this message, please contact NCD Technical Support.

XDMCPNOSOCKET, unable to create **protocol** socket for XDMCP

Severity: Error

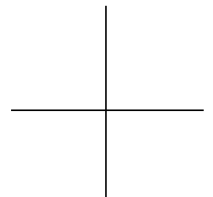
Explanation: The X server cannot create the required socket for XDMCP communications.

User Action: If you encounter this message, check the XDM error logging file **xdm-error**. If you need additional assistance, please contact NCD Technical Support.

XSESSFIND, asking host "**host**" to find a **protocol** login host

Severity: Information

Explanation: When the X server issues indirect requests for login services, it asks an intermediate host to locate a host offering login services. This message



indicates that the X server is asking the specified indirect host to locate a system offering login services using the specified protocol.

User Action: None

XSESSREQ, asking host "*host*" for *protocol* session

Severity: Information

Explanation: The X server is requesting login services from the specified host using the specified protocol, usually either XDMCP or DECwindows.

User Action: None

XSESSSTART, *protocol* session started on host "*host*"

Severity: Information

Explanation: The specified host has established an X session with the X server using the specified protocol, either XDMCP or DECwindows.

User Action: None

MIRROR Messages

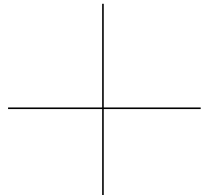
MIRROR messages pertain to the MIRROR daemon and loopback testing of connections on a DECnet network. If you are looking for a message that refers to the MIRROR module but that does not appear here, refer to "Messages Common to All Modules" on page 18-7.

MSGSRCVD, received *n* messages

Severity: Information

Explanation: The MIRROR daemon has received the specified number (*n*) of messages.

User Action: None



MPEGPLAY Messages

MPEGPLAY messages pertain to video software support. If you are looking for a message that refers to the MPEGPLAY module but that does not appear here, refer to “Messages Common to All Modules” on page 18-7.

BADENDCODE, Improper or missing sequence end code

Severity: Fatal

Explanation: The decoder could not find the MPEG I end code.

User Action: Make sure that the file is terminated properly with the MPEG I end code.

BADFLAG, Un-recognized flag *flag*

Severity: Fatal

Explanation: The user included an incorrect command-line option.

User Action: Review the usage and syntax instructions in the command's man page for the correct options and usage.

NODISPLAY, Could not open display

Severity: Fatal

Explanation: The application could not open the display.

User Action: Make sure that the correct display is set by checking the *DISPLAY* environment variable.

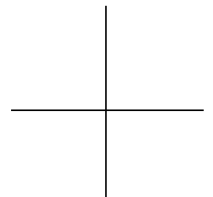
NOFILE, Could not open file *file*

Severity: Fatal

Explanation: The X server failed to open the file specified.

User Action: Make sure that:

- ☐ The file exists.
- ☐ The file service table is configured for access to the file (Setup ⇒ Change Setup Parameters ⇒ File Service ⇒ File Service Table).
- ☐ The file is terminated properly with the MPEG I end code.



NOTMPEG, This is not an MPEG stream

Severity: Fatal

Explanation: The decoder could not find the MPEG I start code.

User Action: Make sure that the file is either an MPEG I video stream or an MPEG 1 interleaved audio and video stream.

PRIVCM, Using private colormap

Severity: Information

Explanation: The decoder installed a private colormap.

User Action: None

MWM Messages

MWM messages pertain to the local Motif Window Manager (*mwm*). If you are looking for a message that refers to the MWM module but that does not appear here, refer to “Messages Common to All Modules” on page 18-7.

ALREADY, window manager is already running

Severity: Fatal

Explanation: The X server has received a request to start the local Motif Window Manager when it is already running. The duplicate request has failed.

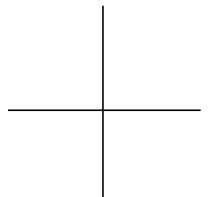
User Action: Locate the duplicate request for starting the local Motif Window Manager and remove it.

ERROR, *message*

Severity: Error

Explanation: The X server may not have been able to save all arguments necessary for a proper restart of the local Motif Window Manager.

User Action: Verify that the terminal has sufficient memory to perform the desired action.



NCD Mosaic Browser Messages

RESTART, restarting

Severity: Information

Explanation: The local Motif Window Manager is restarting as requested.

User Action: None

WARNING, *message*

Severity: Warning

Explanation: The MWM module has encountered some difficulty as described in the message.

User Action: Use the information contained in the message to resolve the problem. Verify:

- ☐ The terminal is not running low on memory.
- ☐ The X server can locate, open, and read files as requested.
- ☐ The *mwm* resource file is free of errors.
- ☐ The configuration file is free of errors.

NCD Mosaic Browser Messages

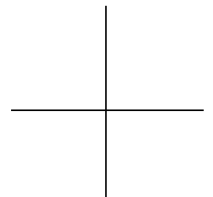
Browser messages pertain to the NCD Mosaic Browser. These messages are not formatted in the same way as other messages. Messages are not preceded by a module name; they appear in the Console as shown in this section.

Modifying *application/octet-stream* is not allowed.

Explanation: The user attempted to change the helper application for *application/octet-stream*.

Unable to save *file*. Disk may be full.

Explanation: An attempt to create a file has failed because the disk is full.



The main cache directory is invalid (not a directory).

or

The main cache directory is invalid (you have insufficient access rights).

Explanation: The user is editing the browser configuration files to change the main cache directory manually.

The main cache directory did not exist and an error was encountered while creating the directory.

Explanation: The user is editing the browser configuration files to change the main cache directory manually.

No main cache directory provided.

Explanation: The user is editing the browser configuration files to change the main cache directory manually.

file could not be found.

Explanation: The browser tried to open a file but could not find it.

Please enter a non-empty string to search for.

Explanation: The user searched for an empty string.

There is already a hotlist item with this URL.

Explanation: the user tried to create a hotlist item with the same name as one already in existence.

Invalid directory selected.

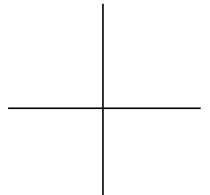
Explanation: The user tried to configure a directory in preferences, but the directory does not exist.

The About URL is not set correctly.

Explanation: The About URL is not specified in the preference file.

Unable to locate Help directory.

Explanation: The Help path must be specified in the X resource settings.



NCDDM Messages

The Help URL is not set correctly.

Explanation: The Help URL must be specified in the preference file.

Insufficient memory for requested operation. Close unused applications and try again.

Explanation: The terminal has run out of memory.

Invalid file name *file*. Specify a correct file name.

Explanation: The user specified an incorrect filename.

URL is longer than 1024 bytes.

Explanation: The user typed an URL path that is too long.

NCDDM Messages

NCDDM messages pertain to the NCD Display Manager. If you are looking for a message that refers to the NCDDM module but is not listed here, see “Messages Common to All Modules” on page 18-7.

COMERR, communication error with ncddm server *message*

Severity: Error

Explanation: The X server was unable to connect to the *ncddm* daemon or experienced a read or write error after the connection was established. The message specifies which of these possible errors occurred.

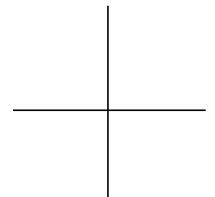
User Action: Check for network problems. Check to make sure the daemon was started.

PROTOERR, protocol error with ncddm server *message*

Severity: Error

Explanation: There was an internal problem in either the *ncddm* daemon running on the host or the *ncddm* client running in the terminal. The message gives specific information.

User Action: Please contact NCD Technical Support.



REQFAIL, ncddm server returned failed request

Severity: Error

Explanation: The *ncddm* daemon was unable to respond with appropriate information. Check the *ncddm* error logs or turn on debugging. Debugging is turned on through command-line options; see the *ncddm* man page.

User Action: Please contact NCD Technical Support.

NETD Messages

NETD messages pertain to the *netd* daemon, which listens for network connection requests and launches the client or daemon assigned to handle them. If you are looking for a message that refers to the NETD module but that does not appear here, refer to “Messages Common to All Modules” on page 18-7.

BADVERSION, bad version info *var*

Severity: Error

Explanation: The version of *ncdrunwm* being run on the host is not supported by the X server.

User Action: Make sure that the correct version of *ncdrunwm* is in use.

NETFILE Messages

NETFILE messages pertain to network file services. If you are looking for a message that refers to the NETFILE module but does not appear here, refer to “Messages Common to All Modules” on page 18-7.

BADALLOC, open failed, allocation failure: *message*

Severity: Error

Explanation: The X server tried to open a file and failed for the specified reason. This message usually indicates that the terminal is low on memory.

User Action: Check the amount of available memory. If possible, close some local clients to free more memory.

NETFILE Messages

BADNAME, open failed, badly formed name *file*

Severity: Error

Explanation: The X server does not recognize the specified filename as being either a VMS or UNIX filename.

User Action: Verify that all references to the specified file in configuration files are correct; that is, confirm that the filename is either a valid UNIX filename or a valid VMS filename wherever it appears in a terminal's configuration database.

BADSERVERTYPE, *protocol*: file server *aa.nnnn* disagrees with configured file system type

Severity: Error

Explanation: The X server has been configured to expect one file system type (such as a VMS file system or a UNIX file system) when communicating with the specified file server, but upon connection, discovers that the other file system type is in use.

User Action: Let the X server determine the correct file system type dynamically.

DAPERROR, NCDnet DAP error: *octal:octal octal*

Severity: Error

Explanation: The X server has encountered an error (identified by the specified octal values) when attempting to communicate using the DAP protocol.

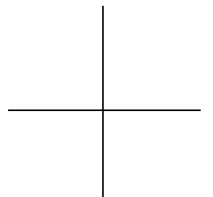
User Action: Refer to the DAP specification for information on the specified error and suggestions for resolution.

DAPNOTENABLED, unable to perform DAP operation: NCDnet not enabled

Severity: Error

Explanation: The terminal was unable to perform a DAP operation because an NCDnet license has not been entered into the **license-key** parameter.

User Action: Enter a license key into the **license-key** parameter.



DAPWAITERROR, NCDnet DAP write error waiting for socket buffer space

Severity: Error

Explanation: The terminal was unable to send a DAP packet to the host.

User Action: Make sure that the host is operating properly.

LOCALERROR, open for *file* failed: *message*

Severity: Error

Explanation: The X server cannot open the specified file in the terminal's local file system. This message appears only if extended file diagnostics is enabled.

User Action: Make sure the specified file exists in the terminal's local file system, that its name is entered correctly, and that the file service table is properly configured for access to the local file system.

MATCHATTEMPT, attempting *protocol* open of *file1* on *host* for *file2*

Severity: Information

Explanation: The X server is using the specified protocol to open the specified file (*file1*) on the specified host using *file2* (the name of the file as the host system recognizes it). The values for *file1* and *file2* are usually the same.

User Action: None

MATCHFAIL, *protocol* open attempt for *file* returns: *message*

Severity: Warning

Explanation: The X server matched the specified filename with an entry in the file service table, but failed to open the specified file.

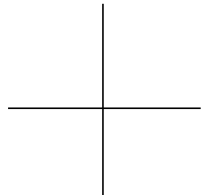
User Action: Verify that the file exists in the correct location on the host system and that it has the correct permission assigned.

MKDIRATTEMPT, attempting mkdir for *file*

Severity: Information

Explanation: The X server is attempting to create a directory.

User Action: None



NETFILE Messages

MKDIRSUCCESS, mkdir succeeded for *file*

Severity: Information

Explanation: The X server created a directory.

User Action: None

NOMATCHES, open failed, no file table matches for *file*

Severity: Error

Explanation: The X server cannot match the specified filename with an entry in the file service table.

User Action: Verify that the filename was entered correctly. Verify that an accurate entry for the file exists in the file service table.

OPENATTEMPT, attempting open for *file*

Severity: Information

Explanation: The X server is attempting to open the specified file.

User Action: None

OPENSUCCESS, open succeeded for *file*

Severity: Information

Explanation: The X server has successfully opened the specified file.

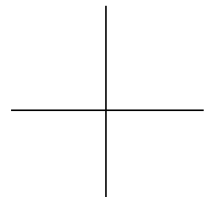
User Action: None

OUTOFMATCHES, open failed, no more matches for *file*

Severity: Error

Explanation: The X server matched the specified filename with some entries in the file service table, but none of the entries worked.

User Action: Verify that the filename was entered correctly. Verify that the file exists in the correct location on the host system and that it has the correct permission assigned.



PERMCHKATTEMPT, attempting permission check for *file*

Severity: Information

Explanation: The X server is checking permissions for the file.

User Action: Information

PERMCHKSUCCESS, permission check succeeded for *file*

Severity: Information

Explanation: The X server successfully checked permissions on the file.

User Action: Information

READSYMLINK, read symbolic link *link*, new path is *path*

Severity: Information

Explanation: The X server has identified the symbolic link and is using the newly specified path. This message occurs only when using NFS file servers.

User Action: None

REMOVEATTEMPT, attempting remove for *file*

Severity: Information

Explanation: The X server is attempting to remove a file.

User Action: Information

RMDIRSUCCESS, remove succeeded for *file*

Severity: Information

Explanation: The X server removed a file.

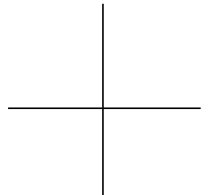
User Action: Information

RENAMEATTEMPT, attempting rename for *file* to *file*

Severity: Information

Explanation: The X server is attempting to rename a file.

User Action: Information



NETFILE Messages

RENAME_SUCCESS, rename succeeded for *file* to *file*

Severity: Information

Explanation: The X server renamed a file.

User Action: None

RMDIRATTEMPT, attempting rmdir for *file*

Severity: Information

Explanation: The X server is attempting to remove a directory.

User Action: None

RMDIRSUCCESS, rmdir succeeded for *file*

Severity: Information

Explanation: The X server removed a directory.

User Action: None

RPCERROR, NFS RPC Error: *message*

Severity: Error

Explanation: The X server has encountered a lower-level NFS networking failure. *Message* defines the error more completely and suggests a course of action.

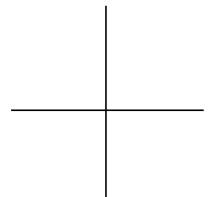
User Action: Use the information contained in the message to determine the action to take.

STATATTEMPT, attempting stat for *file*

Severity: Information

Explanation: The X server is attempting to read the file's attributes.

User Action: None



STATSUCCESS, stat succeeded for *file*

Severity: Information

Explanation: The X server successfully read the file's attributes.

User Action: None

NETSRV Messages

NETSRV messages pertain to the library shared by NCDware daemons. If you are looking for a message that refers to the NETSRV module but does not appear here, refer to "Messages Common to All Modules" on page 18-7.

ACCEPT, accepting *module* connection from *host*

Severity: Information

Explanation: The NETSRV module has accepted the specified connection from the specified terminal.

User Action: None

REFUSE, refusing *module* connection from *host*

Severity: Warning

Explanation: The NETSRV module has refused the specified connection from the specified terminal. This situation usually occurs when access control is enabled, but the specified host is not in the list of hosts granted access privileges.

User Action: If the specified host should be granted access, enter the host system's name in the appropriate access control list.

SYSERROR, *location* error on *module* connection: *message*

Severity: Error

Explanation: The X server has detected an internal error.

User Action: If you encounter this message, please contact NCD Technical Support.

OPENGL Messages

OPENGL messages pertain to use of applications using the OpenGL extension. If you are looking for a message that refers to the OPENGL module but does not appear here, refer to “Messages Common to All Modules” on page 18-7.

BADALLOCBUFFER, Out of memory while creating or resizing **type** buffer

Severity: Warning

Explanation: Memory was exhausted while creating or resizing a buffer of one of the type **type**.

User Action: Reduce the size of the windows and/or install more memory in the terminal.

BADALLOCCONTEXT, Out of memory while creating graphics context

Severity: Error

Explanation: The terminal ran out of memory during OpenGL rendering context initialization.

User Action: Perform one or more of the following actions:

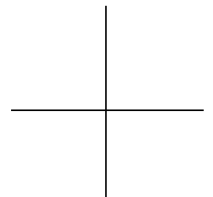
- ☐ Modify the application to reduce the number of GLX rendering contexts.
- ☐ Reduce window sizes.
- ☐ Reduce the complexity of data.
- ☐ Install more memory.

BADALLOCRENDER, Out of memory while rendering or creating display list

Severity: Warning

Explanation: The terminal ran out of memory while rendering or creating the display list.

User Action: Reduce the complexity of geometric data and/or install more memory in the terminal.



IMPLEMENTATION, Implementation error: **var**

Severity: Fatal

Explanation: The X server has detected an internal error.

User Action: If you encounter this message, please contact NCD Technical Support.

INTERNAL, Internal error: **var**

Severity: Fatal

Explanation: The X server has detected an internal error.

User Action: If you encounter this message, please contact NCD Technical Support.

PREFSETTING, User has turned off **feature**

Severity: Information

Explanation: The user has disabled **feature** through Setup ⇒ Change User Preferences ⇒ OpenGL.

User Action: None

UNIMPLEMENTED, Unimplemented function: **function** ()

Severity: Warning

Explanation: A function that is unimplemented in the OpenGL module has been called. The OpenGL application may not function properly.

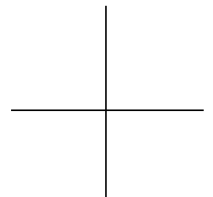
User Action: If you encounter this message, please contact NCD Technical Support.

WINDOWCLIPPING, Error computing window-clip parameters

Severity: Warning

Explanation: An internal error occurred while computing window-clip parameters. It may have damaged the occluding windows.

User Action: If you encounter this message, please contact NCD Technical Support.



PPPD Messages

PPPD messages pertain to communications using Point-to-Point Protocol (PPP) or Serial Line Interface Protocol (SLIP). If you are looking for a message that refers to the PPPD module but does not appear here, refer to “Messages Common to All Modules” on page 18-7.

BADIOCTL, Port *n*: internal I/O error - *message*

Severity: Error

Explanation: The X server has detected an internal error.

User Action: If you encounter this message, please contact NCD Technical Support.

BADLDISC, Port *n*: unable to start *protocol* line discipline

Severity: Error

Explanation: The X server has detected an internal error.

User Action: If you encounter this message, please contact NCD Technical Support.

BADOPEN, Unable to open serial port *n*

Severity: Error

Explanation: The X server has detected an internal error.

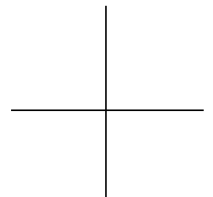
User Action: If you encounter this message, please contact NCD Technical Support.

BADREAD, Port *n*: read error

Severity: Error

Explanation: The X server has detected an internal error.

User Action: If you encounter this message, please contact NCD Technical Support.



BADSPMGR, Error talking to Serial Port Manager - *message*

Severity: Error

Explanation: The X server has detected an internal error.

User Action: If you encounter this message, please contact NCD Technical Support.

CNFGFAIL, Port *n*: config error - *message*

Severity: Error

Explanation: The X server has detected a configuration error on the specified port as described in the message.

User Action: Refer to the message for guidance in resolving the problem. If you need additional assistance, please contact NCD Technical Support.

IPCPFAIL, Port *n*: IPCP config failure - *message*

Severity: Error

Explanation: The X server has encountered difficulties during communications negotiations due to either host or terminal IPCP (Internet Protocol Control Protocol) configuration errors.

User Action: Verify that both the host and terminal are configured correctly for IPCP communications. If you need additional assistance, refer to your PPP product documentation or contact NCD Technical Support.

LCPFAIL, Port *n*: LCP config failure - *message*

Severity: Error

Explanation: The X server has encountered difficulties during communications negotiations due to either host or terminal LCP configuration errors.

User Action: Verify that both the host and terminal are configured correctly for LCP (Link Control Protocol) communications. If you need additional assistance, refer to your PPP product documentation or contact NCD Technical Support.

PPPD Messages

LOOPBACK, Port *n*: the line appears to be looped back

Severity: Warning

Explanation: The specified port is configured incorrectly for negotiations between the host system and the terminal.

User Action: Verify that both the host and terminal are configured correctly for PPP communications. If you need additional assistance, refer to your PPP product documentation or contact NCD Technical Support.

NOCTLSOCK, Unable to create IP control socket

Severity: Error

Explanation: The X server has encountered an internal error.

User Action: If you encounter this message, please contact NCD Technical Support.

NOLOCALADDR, Port *n*: no local IP address

Severity: Error

Explanation: The X server does not have an IP address assigned.

User Action: Assign the X server's IP address in one of two ways:

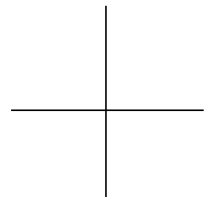
- ☐ Make sure the terminal's PPP-SLIP Interfaces Table contains the terminal's IP address.
- ☐ If the IP address is assigned by the host system, verify that the host-resident PPP product assigns IP addresses correctly.

NOMEM, Not enough memory

Severity: Error

Explanation: The X server does not have sufficient memory to perform the requested action.

User Action: Close any unused local clients to free memory for the desired function.



RESTART, Port *n*: **protocol_layer** is being restarted

Severity: Information

Explanation: The remote host sent a termination message which closed the connection; the X server is attempting to re-establish communications at the specified communications protocol layer.

User Action: None

TERMREQ, Port *n*: **protocol_layer** terminate-request received

Severity: Information

Explanation: The terminal has received a termination message from the remote host.

User Action: None

UP, Port *n*: local = *nnn.nnn.nnn.nnn*, remote = *nnn.nnn.nnn.nnn*

Severity: Information

Explanation: The X server has established communications on the specified port using the specified IP addresses for the terminal and the remote host.

User Action: None

PRINTAPIS Messages

The PRINTAPIS library gives local clients (such as the browser) the ability to print via the parallel port or to a remote host running LPD. If you are looking for a message that refers to the PRINTAPIS library but that does not appear here, refer to “Messages Common to All Modules” on page 18-7.

CFILECMDFAIL, failed to init transfer of control file to remote queue.

Severity: Fatal

Explanation: The LPD on the remote print server did not accept the Receive Control File command.

User Action: Make sure that the network and the remote print server are operational. If so, try the print job again. If the problem persists, please contact Technical Support.

PRINTAPIS Messages

CFILEXFERFAIL, failed to complete transfer of control file to remote queue

Severity: Fatal

Explanation: The end of control information was not acknowledged.

User Action: Make sure that the network and the remote print server are operational. If so, try the print job again. If the problem persists, please contact Technical Support.

CONNBLOCKED, connection is blocked.

Severity: Error

Explanation: The local print device is unable to accept more data at this time.

User Action: Keep trying to send the data. If the problem persists, please contact Technical Support.

DFILECMDFAIL, failed to init transfer of data file to remote queue.

Severity: Fatal

Explanation: The LPD on the remote print server did not accept the Receive Data File command.

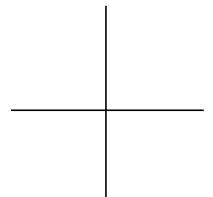
User Action: Make sure that the network and the remote print server are operational. If so, try the print job again. If the problem persists, please contact Technical Support.

DATAXFERFAIL, failed to transfer data to remote queue.

Severity: Fatal

Explanation: The terminal was unable to transfer all the print data to the remote print server.

User Action: Make sure that the network and the remote print server are operational. If so, try the print job again. If the problem persists, please contact Technical Support.



DATAXFERCPLTFAIL, failed to complete transfer of data file to remote queue.

Severity: Fatal

Explanation: The end of data transmission was not acknowledged.

User Action: Make sure that the network and the remote print server are operational. If so, try the print job again. If the problem persists, please contact Technical Support.

GBMALLOCFAIL, malloc of *print buffer size* bytes for print gather buffer failed

Severity: Fatal

Explanation: The print job is first gathered into a buffer, then sent to the remote print server. In this case, not enough memory could be allocated for the print gather buffer.

User Action: Free terminal memory by closing unused local or remote clients.

GBREALLOCOK, adjusted gather buffer size to gb_size = *new print buffer size*

Severity: Information

Explanation: The request for more memory for the print gather buffer was successful.

User Action: None

LOSTCONN, lost connection.

Severity: Warning

Explanation: The connection to the LPD on the remote print server was lost.

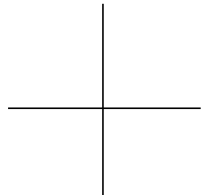
User Action: None

LPDCONNECT, sending to *print server*, *print queue*.

Severity: Information

Explanation: A connection to the remote print server was established, and the job will be spooled to the identified queue.

User Action: None



PRINTAPIS Messages

MEMCPFAIL, memcpy of printer data failed.

Severity: Error

Explanation: The printer data could not be placed in the print gather buffer.

User Action: Try the print job again. If the problem persists, please contact Technical Support.

MOREMEM, realloc'ing for more print buffer space, total_bytes = **bytes placed in print buffer**, length = **amount of additional data to be placed in print buffer**, gb_size = **current print buffer size**.

Severity: Information

Explanation: The print job exceeded the initial print gather buffer allocation, so more memory is being obtained for the buffer.

User Action: None

MOREMEMFAIL, realloc failed.

Severity: Error

Explanation: There was not enough contiguous memory to expand the print gather buffer to the required size.

User Action: Free terminal memory by closing unused clients.

NOPRINTER, printer device off line or out of paper

Severity: Fatal

Explanation: The status lines of the parallel port indicate that the printer is either turned off or out of paper.

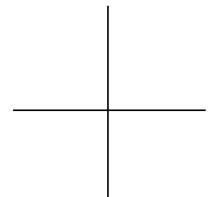
User Action: Make sure that power is applied to the printer and that the printer has paper.

REMNORESP, remote printer not responding

Severity: Fatal

Explanation: Couldn't connect to the LPD port on the remote print server.

User Action: Make sure the remote print server is configured to accept print jobs from the terminal. For example, LPD must be running on the remote print



server and the terminal must be listed in the `/etc/hosts.lpd` file. Also, make sure the hostname for the remote print server is correct in the **browser-printer-table**.

SERIALDCMD, error writing to seriald: couldn't check device status.

Severity: Error

Explanation: Local print jobs are spooled via the Serial daemon to the parallel port. Before any data is sent to the parallel port, a command is sent to the daemon to check the status of the parallel port.

User Action: If the job does not print, try again. If the problem persists, please contact Technical Support.

UNKHOST, unknown host *hostname*

Severity: Fatal

Explanation: The terminal could not resolve the hostname of the remote print server.

User Action: Examine the **browser-printer-table** entry, and make sure that the hostname of the remote print server is correct.

RTLD Messages

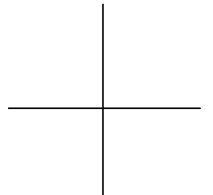
RTLD messages pertain to the dynamic loader, which is responsible for loading X server modules. If you are looking for a message that refers to the RTLD module but that does not appear here, refer to “Messages Common to All Modules” on page 18-7.

BADEXPMOD, incorrect exports module loaded

Severity: Error

Explanation: The export module that was found is incorrect for the current X server.

User Action: Make sure that the X server is loading modules from the correct directory.



RTLD Messages

DISABLED, loading for **module** has been disabled

Severity: Warning

Explanation: **Module** cannot be loaded because it has been disabled.

User Action: Make sure that the desired module load policy has been configured through the **modules-load-policy** remote configuration parameter.

ERRLOAD, error loading **module**

Severity: Error

Explanation: An error occurred while loading the module.

User Action: Make sure that the host file system is accessible to the terminal. Also make sure that you are using the correct server module versions.

ERROPEN, error opening module file for **module**

Severity: Error

Explanation: The X server cannot open the module file for **module**.

User Action: Make sure that the modules directory is configured correctly and accessible.

ERROR, **error**

Severity: Error

Explanation: The error described in **error** (for example, CRC error) was encountered by the loader.

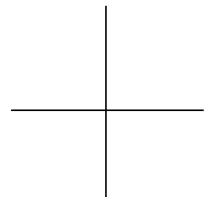
User Action: User action varies depending upon the specific error encountered. Generally, make sure that the modules directory has been configured correctly and is accessible.

INITFAIL, could not register free cache routine

Severity: Error

Explanation: The X server has detected an internal error.

User Action: If you encounter this message, please contact NCD Technical Support.



LOADED, loaded *'version'*

Severity: Information

Explanation: The module described by the version information has been loaded into memory.

User Action: None

LOADING, loading *module* from *file*

Severity: Information

Explanation: The module *module* is being unloaded from the file *file*.

User Action: None

NAMENULL, cannot autoloading, name does not exist

Severity: Error

Explanation: An invalid module name was supplied.

User Action: Make sure that the module name used is correct.

RETRY, module load failed, retrying from default location

Severity: Information

Explanation: The loader was unable to load the module and tries to load from the default installation directory.

User Action: None

UNLOAD, unloading *module*

Severity: Information

Explanation: The module is being unloaded from memory.

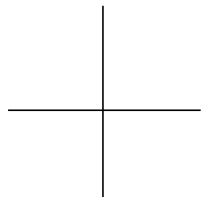
User Action: None

UNLOADFAIL, unable to unload module *module*

Severity: Error

Explanation: The module could not be unloaded.

User Action: None



SERIALD Messages

SERIALD messages pertain to the terminal's serial port(s) and the Serial daemon. If you are looking for a message that refers to the SERIALD module but that does not appear here, refer to "Messages Common to All Modules" on page 18-7.

BADCMD, **port**: bad cmd *hex_value*

Severity: Error

Explanation: The Serial or Parallel daemon has received an invalid serial or parallel protocol command.

User Action: Make sure that your host-side print program is properly configured to use the serial/parallel protocol.

BADCONFIG, **port** not enabled for printing

Severity: Error

Explanation: The specified port on the terminal is not configured for printing.

User Action: Configure the terminal for printing to the specified port. Make sure any host-side requirements are in place.

DNETCLOSE, **port**: closed session from *aa.nnnn*

Severity: Information

Explanation: The Serial daemon has closed the serial session with the specified DECnet host on the specified serial port.

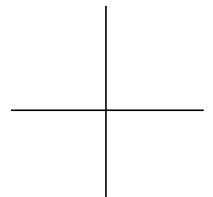
User Action: None

DNETOPEN, **port**: opened session from *aa.nnnn*

Severity: Information

Explanation: The Serial daemon has opened a serial session with the specified DECnet host on the specified serial port.

User Action: None



INETCLOSE, **port**: closed session from *nnn.nnn.nnn.nnn*

Severity: Information

Explanation: The Serial daemon has closed the serial session with the specified IP host on the specified serial port.

User Action: None

INETOPEN, **port**: opened session from *nnn.nnn.nnn.nnn*

Severity: Information

Explanation: The Serial daemon has opened a serial session with the specified IP host on the specified serial port.

User Action: None

LATCLOSE, **port**: closed session from *host*

Severity: Information

Explanation: The Serial daemon has closed a serial session with the specified LAT host on the specified serial port.

User Action: None

LATOPEN, **port**: opened session from *host*

Severity: Information

Explanation: The Serial daemon has established a serial session with the specified LAT host on the specified serial port.

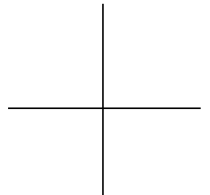
User Action: None

LOSTSTATUS, **port**: lost status *hex_value*

Severity: Information

Explanation: The specified port, using the serial protocol, requested status of the RS-232 C line. The buffer had no room for this information.

User Action: None



SIE Messages

SIE messages pertain to the Simple Imaging Extension. If you are looking for a message that refers to the SIE module but that does not appear here, refer to “Messages Common to All Modules” on page 18-7.

TIMING, image **action** took **n** milliseconds

Severity: Information

Explanation: The specified action took the specified length of time to complete.

User Action: None

SNMPD Messages

SNMPD messages pertain to the SNMP daemon. If you are looking for a message that refers to the SNMPD module but that does not appear here, refer to “Messages Common to All Modules” on page 18-7.

AUTHFAILURE, authentication failure from **nnn.nnn.nnn.nnn**

Severity: Information

Explanation: The SNMP daemon received an SNMP packet from the SNMP manager, but the packet contains the wrong community string, or access control is enabled and the specified host is not included in the list of approved hosts.

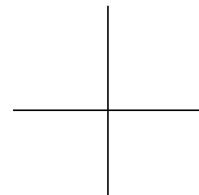
User Action: Verify that the SNMP manager is sending the correct community string, and that the host is included in the appropriate access control list of approved hosts.

NORESOLVE, could not resolve address **address**

Severity: Error

Explanation: The SNMPD module has received an address that it cannot identify.

User Action: Verify that the correct address has been specified.



OPDISABLED, requested operation is currently disabled

Severity: Warning

Explanation: A user has attempted to reset the terminal using *ncdreset* while the SNMP reset option is disabled.

User Action: If the terminal should be enabled for remote reset via *ncdreset*, enable the SNMP reset option.

TERM Messages

TERM messages pertain to the NCD Terminal Emulator (*ncdterm*). If you are looking for a message that refers to the TERM module but that does not appear here, refer to “Messages Common to All Modules” on page 18-7.

BADCMD, unknown command line argument '*command_option*'

Severity: Warning

Explanation: The TERM module does not recognize the specified command-line option.

User Action: Refer to the *ncdterm* man page for a complete list of acceptable command-line options for the NCD Terminal Emulator.

BADGC, Can't create a graphics context

Severity: Fatal

Explanation: The TERM module has insufficient memory to perform the requested operation.

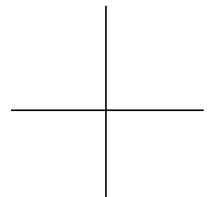
User Action: Verify that the terminal has enough memory to perform the operation. Close any unused local clients to free memory for the desired function.

BADTABLE, Bad table at index '*opcode*' (*opcode_name*)

Severity: Warning

Explanation: The X server has detected an internal error.

User Action: If you encounter this message, please contact NCD Technical Support.



TERM Messages

COLORCEL, Error allocating necessary color cell

Severity: Error

Explanation: The NCD Terminal Emulator color table is full.

User Action: Free colors so that the NCD Terminal Emulator can create a color as requested.

CONNERR, Can't connect to host *host*

Severity: Error

Explanation: The TERM module cannot connect to the specified host as requested.

User Action: Verify that the hostname is entered correctly and that the desired host is accessible via the network.

CONREAD, Error reading from the network connection

Severity: Error

Explanation: The TERM module has detected a problem with the network.

User Action: Verify that the network is operational and that the terminal and the host system are securely attached to the network.

CONWRITE, Error writing to the network connection

Severity: Error

Explanation: The TERM module has detected a problem with the network.

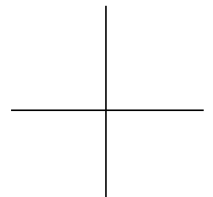
User Action: Verify that the network is operational and that the terminal is securely attached to the network.

DFLTFONT, No font *font1*, using default *font2*

Severity: Warning

Explanation: The desired font, *font1*, is not available; the TERM module is using the default font, *font2*, instead.

User Action: Verify that the desired font is in the user's font path and that it is located in the correct directory, has read access, and is available via the



network. If the terminal is configured to obtain fonts from a font server, verify that the font server is running and that it is accessible via the network.

DISPLAY, Can't open the display connection

Severity: Fatal

Explanation: The user has specified the incorrect display variable or the display specified on the command line is incorrect.

User Action: Verify that the correct display name is specified.

DSTRCORR, Object input buffer corrupted - internal error

Severity: Error

Explanation: Internal TERM memory is corrupted.

User Action: Start the NCD Terminal Emulator a second time. If the situation persists, please contact NCD Technical Support.

EIGNORE, End of DCS ignore download mode

Severity: Error

Explanation: When the TERM module received a request for downloaded character sets, it entered the DCS ignore download mode. This message signifies the end of that mode.

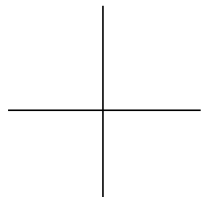
User Action: If possible, use an alternate application that does not require downloaded character sets.

FONTFAML, Font family is invalid - internal error

Severity: Fatal

Explanation: The TERM module has detected an internal error.

User Action: If you encounter this message, please contact NCD Technical Support.



TERM Messages

FONTINFO, Cannot find the information for font

Severity: Fatal

Explanation: The TERM module cannot find the desired or default font.

User Action: Verify that the desired font is in the user's font path and that it is located in the correct directory, has read access, and is available via the network. If the terminal is configured to obtain fonts from a font server, verify that the font server is running and is accessible via the network.

INETCONN, Can't initialize network connection

Severity: Error

Explanation: The TERM module has detected a problem with the network.

User Action: Verify that the network is running and that the terminal is securely attached to the network.

INTFACE, Can't create an interface button

Severity: Fatal

Explanation: The TERM module cannot create the desired interface feature, specifically one or more of the interface buttons. This situation usually occurs when the terminal is running low on memory.

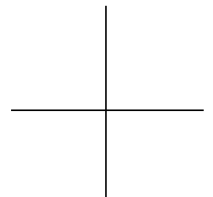
User Action: Verify that the terminal has sufficient memory to perform the desired action. Close any unused local clients to free local memory.

LINECORR, Object line buffers corrupted - internal error

Severity: Error

Explanation: Internal TERM memory is corrupted.

User Action: Start the NCD Terminal Emulator a second time. If the situation persists, please contact NCD Technical Support.



LINERR, Lines are out of order - internal error

Severity: Fatal

Explanation: The TERM module has detected an internal error.

User Action: If you encounter this message, please contact NCD Technical Support.

LOGDIR, Logfile directory is *directory*

Severity: Information

Explanation: The TERM module is using the specified directory for its logfile.

User Action: None

LOGFILE, Can't open logfile for session

Severity: Error

Explanation: The TERM module cannot open a file for logging information about the current NCD Terminal Emulator session.

User Action: Verify that:

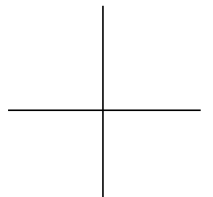
- ☐ The directory to which the logfile should be written has world write access.
- ☐ The terminal's file service table contains an entry for the desired directory.
- ☐ The file service entry specifies NFS transport.
- ☐ The NFS protocol is available on the network on which the terminal resides.

LOWMEM, Memory very low. Can't allocate selection buffer

Severity: Warning

Explanation: The X server is running low on memory and cannot allocate enough memory for the selection buffer.

User Action: Verify that the terminal has sufficient memory to perform the desired action. Close any unused local clients to free local memory.



TERM Messages

MENUBAR, Can't create the interface menubar

Severity: Fatal

Explanation: The TERM module cannot create the menu bar. This situation usually occurs when the terminal is running low on memory.

User Action: Verify that the terminal has sufficient memory to perform the action. Close any unused local clients to free local memory.

MENUS, Can't create the interface menus

Severity: Fatal

Explanation: The TERM module cannot create the menus. This situation usually occurs when the terminal is running low on memory.

User Action: Verify that the terminal has sufficient memory to perform the action. Close any unused local clients to free local memory.

MISSARG, Missing argument for '*option*'

Severity: Warning

Explanation: The specified command-line option does not include the necessary argument.

User Action: Re-enter the command with the necessary argument.

MLCONN, Can't initialize toolkit connection

Severity: Fatal

Explanation: The TERM module does not have sufficient memory to execute properly.

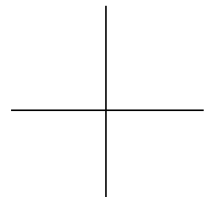
User Action: Verify that the terminal has sufficient memory. Close any unused local clients to free local memory.

NETCONN, Can't create network connection

Severity: Error

Explanation: The TERM module has detected a problem with the network.

User Action: Verify that the network is running and that the terminal is securely attached to the network.



NOLOGDIR, Can't create log directory '*directory*'

Severity: Warning

Explanation: The TERM module cannot create the specified log directory as requested.

User Action: Confirm that the file service table contains an entry for the log directory; this directory must be accessible via NFS. Verify that the directory exists, is available to the network, and has the appropriate permissions.

NOLSTLOG, Can't create lastlog file '*logfile_name*' (*error_number*)

Severity: Warning

Explanation: The TERM module cannot create the specified log file as requested.

User Action: Confirm that the file service table contains an entry for the directory in which the log file resides; this file must be accessible via NFS. Verify that the file exists, is available via the network, and has the appropriate permissions.

NOMEMRY, Can't allocate memory for needed structure

Severity: Fatal

Explanation: The TERM module does not have sufficient memory to perform the desired action.

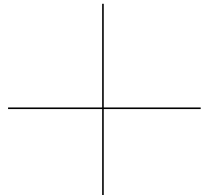
User Action: Verify that the terminal has sufficient memory. Close any unused local clients to free local memory.

OBJCORR, Object data has been corrupted - internal error

Severity: Error

Explanation: The TERM module has detected an internal error.

User Action: If you encounter this message, please contact NCD Technical Support.



TERM Messages

OPCODERR, Opcode lookup out of range - internal error

Severity: Fatal

Explanation: The TERM module has detected an internal error.

User Action: If you encounter this message, please contact NCD Technical Support.

OPTABERR, Opcode table out of sequence - internal error

Severity: Fatal

Explanation: The TERM module has detected an internal error.

User Action: If you encounter this message, please contact NCD Technical Support.

OPTERR, Can't combine telnet port and -display option

Severity: Fatal

Explanation: The command that has been entered specifies a TELNET port and uses the **-display** command-line option. This is an invalid command.

User Action: Re-enter the command, making sure that it specifies either a TELNET port or the **-display** command-line option. Do not use both.

PARSEFONT, Couldn't parse font '*font*'

Severity: Warning

Explanation: The TERM module cannot interpret or identify the specified font.

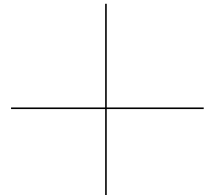
User Action: Make sure the font specified is entered correctly and that it is known to the X server.

PROCESS, Can't initialize the process

Severity: Fatal

Explanation: The TERM module does not have sufficient memory to perform the desired action.

User Action: Verify that the terminal has sufficient memory. Close any local clients that are not being used to free local memory.



PROCTABERR, Process table corrupted - internal error

Severity: Fatal

Explanation: The X server has detected an internal error.

User Action: If you encounter this message, please contact NCD Technical Support.

PRTINUSE, The printer is in use

Severity: Information

Explanation: The specified printer is currently in use.

User Action: None

PRTOFFLN, Printer offline or not responding (*message*)

Severity: Warning

Explanation: The specified printer is offline or otherwise not responding to the print request as specified in the message.

User Action: Verify that the correct port is specified for the printer and that printer resources are assigned correctly. For a printer attached to a serial port, verify that the user has selected the correct print option.

REGIS, Regis graphics is not supported

Severity: Error

Explanation: The X server does not support ReGIS graphics.

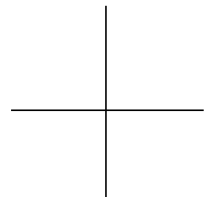
User Action: If possible, use an alternate application that does not require ReGIS graphics.

SCRLBAR, Can't create the interface scrollbar

Severity: Fatal

Explanation: The TERM module cannot create the scroll bar. This situation usually indicates that the terminal is running low on memory.

User Action: Verify the terminal has sufficient memory to perform the action. Close any unused local clients to free local memory.



TERM Messages

SELECTER, Selection buffer overrun - internal error

Severity: Error

Explanation: The TERM module has detected an internal error.

User Action: If you encounter this message, please contact NCD Technical Support.

SERIALERR, Internal error -- *message*

Severity: Warning

Explanation: The TERM module has detected an internal error.

User Action: If you encounter this message, please contact NCD Technical Support.

SERIALINF, Switching to *mode* mode ...

Severity: Information

Explanation: The serial interface is communicating via XRemote or PPP as requested.

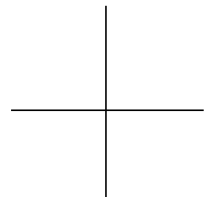
User Action: None

SESSION, Can't initialize the session

Severity: Fatal

Explanation: The TERM module cannot create an NCD Terminal Emulator session. This occurs if the terminal is low on memory or if a network problem exists.

User Action: Verify there is sufficient memory for the terminal emulator. If memory is low, close any unused clients to free local memory. If there is sufficient memory, invoke the terminal emulator a second time. If the situation persists, please contact NCD Technical Support.



SETADDR, Can't set the address for the network connection

Severity: Error

Explanation: The hostname entered in the terminal chooser does not exist or the host cannot be accessed.

User Action: Verify that the name of the desired host is spelled correctly and that the network is operational.

SETTERM, Can't set the terminal for network connection

Severity: Error

Explanation: The TERM module has detected an error with the network.

User Action: Verify that the network is running and that the terminal is securely attached to the network.

SHELLPRC, Can't create connection subshell process

Severity: Fatal

Explanation: The TERM module does not have enough memory to perform the desired action.

User Action: Verify that the terminal has sufficient memory to perform the desired action. Close any unused local clients to free local memory.

SIXEL, Sixel graphics is not supported

Severity: Error

Explanation: The X server does not support sixel graphics.

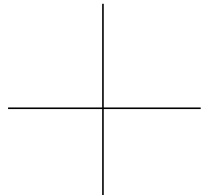
User Action: If possible, use an alternate application that does not require sixel graphics.

STARTLOG, Start logging to *file*

Severity: Information

Explanation: The TERM module is logging information to the specified file as requested.

User Action: None



TERM Messages

STATUSLN, Can't create the interface status line

Severity: Error

Explanation: The TERM module cannot create the VT320 terminal emulator status line. This usually occurs if the terminal is running low on memory.

User Action: Verify that the terminal has sufficient memory to perform the action. Close any unused local clients to free local memory.

STOPLOG, Stop logging to *file*

Severity: Information

Explanation: The TERM module has stopped logging information to the specified file.

User Action: None

SUBFONT, Specified substitute font not found

Severity: Fatal

Explanation: The TERM module cannot locate the desired substitute font.

User Action: Make sure that the desired font resides in one of the directories included in the terminal's current font path and that the file service table contains an entry for the font directory.

TEL8ACT, Eight bit telnet mode is *status*

Severity: Information

Explanation: The TERM module has detected that eight-bit TELNET mode is either enabled or not available as specified by the status.

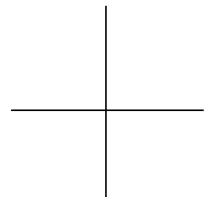
User Action: None

TEL8REQ, Requesting eight bit telnet connection (*operating_system*)

Severity: Information

Explanation: The TERM module is requesting an eight-bit TELNET connection as requested.

User Action: None



TELNTBIN, Set Telnet connection to binary mode

Severity: Information

Explanation: The TERM module's current connection is in binary mode.

User Action: None

UNKWNFONT, Unknown font '*font*'

Severity: Warning

Explanation: The TERM module does not recognize the specified font.

User Action: Make sure the font is entered correctly and that it is recognized by the X server.

UNRECESC, Escape sequence unrecognized '*escape_sequence*'

Severity: Warning

Explanation: The TERM module has received the specified, unknown escape sequence from an application.

User Action: Verify that the application issues only recognized escape sequences.

WINDOW, Can't create the interface window

Severity: Fatal

Explanation: The X server has insufficient memory to perform the desired action.

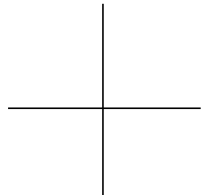
User Action: Verify that the terminal has sufficient memory. Close any unused local clients to free local memory.

XLATEST, Error with Translation Management

Severity: Error

Explanation: The TERM module has encountered an error in an X resource translation string.

User Action: Make sure that the terminal's TERM X resource translations use the correct names, format, and syntax.



TOKENRING Messages

XLATETAB, Terminal lookup table corrupt - internal error

Severity: Fatal

Explanation: The TERM module has detected an internal error.

User Action: If you encounter this message, please contact NCD Technical Support.

TOKENRING Messages

TOKENRING messages pertain to Token-Ring communications. If you are looking for a message that refers to the TOKENRING module but does not appear here, refer to “Messages Common to All Modules” on page 18-7.

ACCESS, adapter access violation

Severity: Error

Explanation: The X server attempted to access Token-Ring reserved, read-only memory.

User Action: If you encounter this message, please contact NCD Technical Support.

ADAPTERFAIL, PCMCIA adapter initialization failed

Severity: Fatal

Explanation: The Token-Ring adapter failed or the X server has detected an internal error.

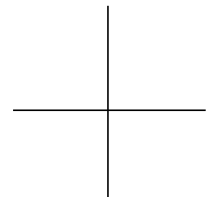
User Action: If you encounter this message, please contact NCD Technical Support.

ADDRESS, address for this unit: **00:00:E5:nn:nn:nn**

Severity: Information

Explanation: The terminal is using the specified Token-Ring address.

User Action: None



CHECK, adapter CHECK error: *hex_values*

Severity: Error

Explanation: The X server has detected an internal adapter error.

User Action: If you encounter this message, please contact NCD Technical Support.

CLOSED, adapter closed, interface inactive

Severity: Error

Explanation: The Token-Ring controller on the TRP board has detected a cable fault and has shut itself down.

User Action: Verify that the cable is intact and securely fastened to the terminal.

ERROR, internal adapter error

Severity: Error

Explanation: The Token-Ring controller on the TRP board has detected an internal error.

User Action: If you encounter this message, please contact NCD Technical Support.

INITFAIL, adapter initialization failed: *message*

Severity: Fatal

Explanation: The Token-Ring controller on the TRP board has detected an internal error.

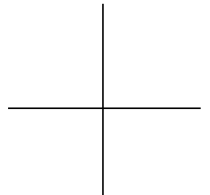
User Action: If you encounter this message, please contact NCD Technical Support.

OPEN, adapter open, interface active

Severity: Information

Explanation: The Token-Ring controller on the TRP board is working successfully.

User Action: None



TOKENRING Messages

OPENFAIL, adapter open failed: *message1* [*message2*]

Severity: Fatal

Explanation: The Token-Ring controller on the TRP board has encountered an error while attempting to connect to the Token-Ring network. This error is described in *message1*. If the error is irrecoverable, additional information is provided in *message2*.

This message may appear if the Token-Ring controller detects a cable fault or if the terminal is attempting to connect at the wrong ring speed.

User Action: Verify that the terminal is securely attached to the Token-Ring network and that the terminal is set to the correct speed for communications across a Token-Ring physical network.

PCMCIAFAIL, PCMCIA initialization failed

Severity: Fatal

Explanation: The PCMCIA card interface failed. The X server has detected an internal error.

User Action: If you encounter this message, please contact NCD Technical Support.

STRAYCMD, stray *command_type* command: *command_code*

Severity: Warning

Explanation: The Token-Ring controller on the TRP board has detected an internal error.

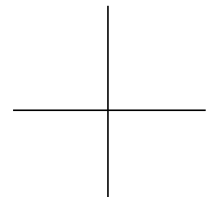
User Action: If you encounter this message, please contact NCD Technical Support.

STRAYINT, stray *interrupt_type* interrupt

Severity: Warning

Explanation: The Token-Ring controller on the TRP board has detected an internal error.

User Action: If you encounter this message, please contact NCD Technical Support.



TXFAIL, transmit failed: *message*

Severity: Error

Explanation: The Token-Ring controller on the TRP board has detected an internal error.

User Action: If you encounter this message, please contact NCD Technical Support.

WAITING, waiting for adapter initialization

Severity: Information

Explanation: The X server is initializing the Token-Ring adapter as requested.

User Action: None

UI Messages

UI messages pertain to the X server's user interface. If you are looking for a message that refers to the UI module but that does not appear here, refer to "Messages Common to All Modules" on page 18-7.

BADGCFLAGS, *routine*, invalid GC flags

Severity: Warning

Explanation: The specified routine has attempted to create an X internal structure with inappropriate properties.

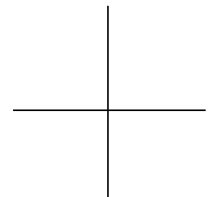
User Action: If you encounter this message, please contact NCD Technical Support.

BADGCMODE, *routine*, gc must be readonly or writable

Severity: Warning

Explanation: The specified routine has attempted to create an X internal structure with incorrect protection.

User Action: If you encounter this message, please contact NCD Technical Support.



BADITEM, ***routine***, invalid item number ***n***

Severity: Warning

Explanation: The specified routine attempted to set an entry to an unacceptable value (for example, less than zero or greater than the acceptable maximum).

User Action: If you encounter this message, please contact NCD Technical Support.

BADTRANSLATION, translation syntax error: ***translation***

Severity: Error

Explanation: The UI module has encountered an error in the specified resource translation string.

User Action: Make sure the terminal's resource translations use the correct names, format, and syntax.

INITCONN, unable to initialize connection to display

Severity: Fatal

Explanation: The UI module created but could not initialize the requested connection to the display.

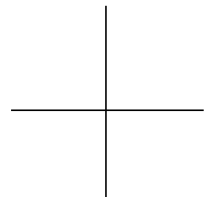
User Action: Verify that the terminal has sufficient memory. If the memory level is adequate and you encounter this message frequently, please contact NCD Technical Support.

NOCONN, unable to connect to display "***display***"

Severity: Fatal

Explanation: The UI module cannot connect to the specified display.

User Action: Verify that the requested display name is correct. Verify that the specified display is running, and that it is accessible via the network.



XERROR, *description* error from request code *nn.nn* on value *hex_value*

Severity: Error

Explanation: This message indicates there is an error in the MIT X server.

User Action: Refer to Xlib documentation for information about the specified error.

VIDEO, VIDEODECODER, and VIDEOPLAYER Messages

Messages that pertain to video software support, including VIDEO, VIDEODECODER, VIDEOPLAYER, and MPEGPLAY modules, are all listed in “MPEGPLAY Messages” on page 18-82.

WINCEN Messages

WINCEN messages pertain to starting WinCenter from the terminal using the **wincen** command. For messages that refer to WINCEN but do not appear here, see “Messages Common to All Modules” on page 18-7.

CMDLINE sending command *command*

Severity: Information

Explanation: A **wincen** local command is being sent to start WinCenter from the terminal

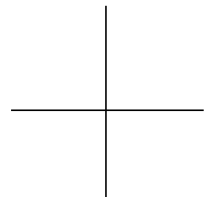
User Action: None

USAGE Usage: wincen WinCenterhost [optional arguments] [-- initial program]

Severity: Error

Explanation: The user typed an incorrect **wincen** command.

User Action: Retype the command line correctly.



WIRELESS Messages

WIRELESS messages pertain to the wireless LAN adapter. For messages that refer to WIRELESS, but do not appear here, see “Messages Common to All Modules” on page 18-7.

ACCESS, access point error

Severity: Error

Explanation: The software detected an error reported by the Access Point. Usually the LAN adapter is restarted in an attempt to recover from this error.

User Action: Make sure that the terminal and Access Point are properly configured and that there are enough Access Points to provide adequate coverage of the area. If the problem persists, please contact your service personnel or NCD Technical Support.

ANTCHG, antenna status change

Severity: Information

Explanation: Displayed on a terminal with a RangeLAN 7200 LAN adapter installed when the terminal detects a change in the antenna status.

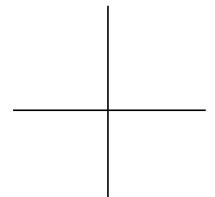
User Action: Make sure the antenna is securely attached to the LAN adapter card. If the message persists, please contact your service personnel or NCD Technical Support.

ANTCON, antenna connected

Severity: Information

Explanation: Displayed on a terminal with a RangeLAN 7200 LAN adapter installed when the antenna is reconnected.

User Action: None.



ANTDIS, antenna disconnected

Severity: Information

Explanation: Displayed on a terminal with a RangeLAN 7200 LAN adapter installed when the terminal detects that the antenna is disconnected.

User Action: Make sure that the antenna is securely attached to the LAN adapter card. If the message persists, please contact your service personnel or NCD Technical Support.

IBUFFER, internal buffer error: *reason_code*

Severity: Error

Explanation: The software detected an internal buffer error. Usually the LAN adapter is restarted in an attempt to recover from this error.

User Action: If this problem persists, please contact NCD Technical Support.

IMBUF, mbuf error: *reason_code*

Severity: Error

Explanation: The software detected a communication buffer error. Usually the LAN adapter is restarted in an attempt to recover from this error.

User Action: If this problem persists, please contact NCD Technical Support.

INACTIVITY, wireless inactivity time out

Severity: Information

Explanation: The LAN adapter has issued an inactivity time out.

User Action: None; the terminal software ignores this message.

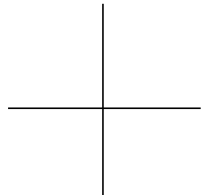
INITFAIL, initialization failure: *reason_code*

Severity: Fatal

Explanation: The terminal failed to initialize the LAN adapter card.

User Action: Try the following remedies, in the order given:

1. Make sure the LAN adapter card is fully inserted in the slot and the antenna is properly connected.
2. Make sure the terminal is properly configured for wireless use.



3. Make sure the Access Point is properly configured.
4. Test the wireless system to make sure the terminal is within the range of an Access Point.

If you cannot find the source of the problem, please call your service personnel or NCD Technical Support.

INSTACK, internal stack error: ***reason_code***

Severity: Warning

Explanation: The software detected an internal stack error. Usually, the adapter is restarted in an attempt to overcome this error.

User Action: If the problem persists, please contact NCD Technical Support.

INTERRUPT, unexpected interrupt

Severity: Warning

Explanation: The terminal received an unexpected interrupt from the LAN adapter card.

User Action: None; the terminal software ignores this command. If the message persists, please contact your service personnel or NCD Technical Support.

INVALID, invalid command ***command_ID***

Severity: Warning

Explanation: The terminal received an invalid command from the LAN adapter card.

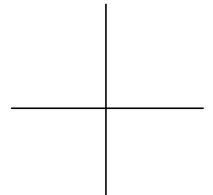
User Action: None; the terminal software ignores this command. If the message persists, please contact your service personnel or NCD Technical Support.

ISTATUS, internal status error: ***reason_code***

Severity: Warning

Explanation: The software detected an internal stack error. Usually, the adapter is restarted in an attempt to overcome this error.

User Action: If the problem persists, please contact NCD Technical Support.



RECEIVE, receive error: *reason_code*

Severity: Error

Explanation: The software detected a receive status error. Usually, the LAN adapter is restarted in an attempt to recover from this error. This problem may be caused by intermittent communication between the terminal and the Access Point and may indicate that there are not enough Access Points to provide adequate coverage of the area.

User Action: If this problem persists, please contact NCD Technical Support.

RESFAIL, reset failure: *reason_code*

Severity: Fatal

Explanation: The terminal failed to reset the LAN adapter card.

User Action: None, but if the message persists, please contact your service personnel or NCD Technical Support.

RESTARTED, wireless adapter restarted

Severity: Information

Explanation: The wireless adapter has restarted. This usually occurs when the adapter is recovering from a communication error.

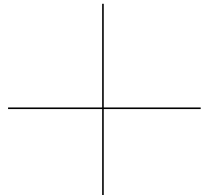
User Action: Make sure the LAN adapter card is fully inserted in the slot and the antenna is properly connected. If the problem persists, please contact your service personnel or NCD Technical Support.

RTIMEOUT, receive timeout error: *reason_code*

Severity: Error

Explanation: The software timed out on receipt of a packet. Usually, the LAN adapter is restarted in an attempt to recover from this error. This problem may be caused by intermittent communication between the terminal and the Access Point and may indicate that there are not enough Access Points to provide adequate coverage of the area.

User Action: If this problem persists, please contact NCD Technical Support.



WIRELESS Messages

TOFAIL, timeout waiting for interrupt

Severity: Fatal

Explanation: The terminal timed out waiting for an interrupt.

User Action: Try the following remedies in the order given:

1. Make sure the LAN adapter card is fully inserted in the slot and the antenna is properly connected.
2. Make sure the terminal is properly configured for wireless use.
3. Make sure the Access Point is properly configured.
4. Test the wireless system to make sure the terminal is within the range of an Access Point.

If you cannot find the source of the problem, please contact your service personnel or NCD Technical Support.

TRANSMIT, transmit error

Severity: Fatal

Explanation: The terminal detected a transmit error to the Access Point.

User Action: Try the following remedies in the order given:

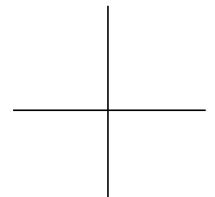
1. Make sure the LAN adapter card is fully inserted in the slot and the antenna is properly connected.
2. Make sure the terminal is properly configured for wireless use.
3. Make sure the Access Point is properly configured.
4. Test the wireless system to make sure the terminal is within the range of an Access Point.

If you cannot find the source of the problem, please contact your service personnel or NCD Technical Support.

TTIMEOUT, transmit timeout error: *reason_code*

Severity: Error

Explanation: The software timed out on transmit of a packet. Usually, the LAN adapter is restarted in an attempt to recover from this error. This problem may be caused by intermittent communication between the terminal and the



Access Point and may indicate that there are not enough Access Points to provide adequate coverage of the area.

User Action: If this problem persists, please contact NCD Technical Support.

WM Messages

WM messages pertain to the local NCD Window Manager and application launcher. If you are looking for a message that refers to the WM module but that does not appear here, refer to “Messages Common to All Modules” on page 18-7.

ALREADY, window manager is already running

Severity: Fatal

Explanation: The X server has received a request to start the local NCD Window Manager when it is already running. The duplicate request has failed.

User Action: Locate the duplicate request for starting the local NCD Window Manager and remove it.

BADCMD, unable to run command “*command*”

Severity: Error

Explanation: The application launcher cannot run the specified command.

User Action: Verify that the command is correct in the .launchrc or LAUNCHRC.DAT file.

BADCOMMAND, Unrecognized launcher function *n*

Severity: Warning

Explanation: The WM module has encountered an unrecognized function with the specified function number.

User Action: If you encounter this message, please contact NCD Technical Support.

WM Messages

BADCONFIG, launcher config file *file*

Severity: Error

Explanation: The WM module has discovered an irrecoverable error in the specified launcher configuration file.

User Action: Verify that all entries in the launcher configuration file are correct and complete.

BADCONNECTION, launcher connection *message*

Severity: Error

Explanation: The application launcher cannot connect to the local NCD Window Manager due to a catastrophic problem with the socket; either the socket cannot be created or the socket has disappeared.

User Action: Refer to the message to determine the best course of action.

BADGEOMETRY, Geometry for *tool* is out of range

Severity: Warning

Explanation: The values for the size of the specified tool are not valid. This message usually occurs when the specified size of an icon box exceeds 2048x2048.

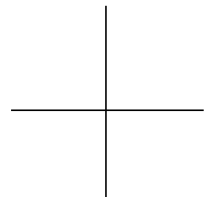
User Action: Correct the values specifying the size of the icon box. The size of the icon box is measured in number of icons, not pixels.

BADGRAB, bad grab count *n* on grab server

Severity: Error

Explanation: The X server has detected an internal error.

User Action: If you encounter this message, please contact NCD Technical Support.



BADUNGRAB, bad grab count *n* on ungrab server

Severity: Error

Explanation: The X server has detected an internal error.

User Action: If you encounter this message, please contact NCD Technical Support.

NOMENU, no such menu "*menu*"

Severity: Error

Explanation: The launcher configuration file (.launchrc or LAUNCHRC.DAT) associates a button with a menu, but selecting the button reveals no menu has been defined.

User Action: Verify that the launcher configuration file contains the specified menu.

RESTART, restarting

Severity: Information

Explanation: The local NCD Window Manager is restarting as requested.

User Action: None

SOCKETERROR, error *message1* socket *n*: *message2*

Severity: Error

Explanation: The X server has determined that communications across the specified socket are resulting in bad data.

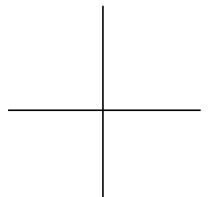
User Action: Check the socket on the host to verify that it is working properly.

VERSION, protocol mismatch. Got *protocol1* expected *protocol2*.

Severity: Warning

Explanation: The local NCD Window Manager encountered *protocol1* when it expected to use a different network protocol (*protocol2*).

User Action: If you encounter this message, please contact NCD Technical Support.



XREMOTE Messages

XREMOTE messages pertain to communications using XRemote software. If you are looking for a message that refers to the XREMOTE module but does not appear here, refer to “Messages Common to All Modules” on page 18-7.

CONNFAIL, connection from *host* failed - host not authorized

Severity: Error

Explanation: The terminal’s X access control list does not include an entry for the XRemote host, thereby preventing connection.

User Action: Verify that the terminal is attempting to connect to the correct XRemote host. If it is, modify the host access list on the terminal so that it includes an entry for the XRemote host.

CONNREJ, new client connection rejected = *message*

Severity: Information

Explanation: An XRemote client is attempting to connect to the X server but is unsuccessful as detailed in the message. This situation usually occurs if the terminal is low on memory.

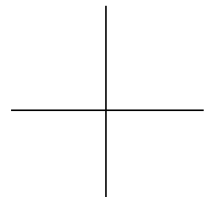
User Action: Refer to the message for more information about the situation. If the terminal is running low on memory, close any unused local clients to free memory for the XRemote client connection.

FILETXFER, error during file transfer - *message*

Severity: Error

Explanation: The X server has detected an internal error.

User Action: If you encounter this message, please contact NCD Technical Support for assistance.



NOMEM, out of memory - **message**

Severity: Error

Explanation: The X server does not have sufficient memory to perform the requested action.

User Action: Close any unused local clients to free memory for the desired function.

NOMORE, new **connection_type** connection refused - XRemote already running

Severity: Error

Explanation: The X server has received a request to initiate XRemote communications when it is already running.

User Action: Either use the original XRemote session or close the original XRemote session and start a new one.

REFUSE, New **network** connection refused - **message**

Severity: Error

Explanation: This message usually appears when the X server is not configured correctly for XRemote communications.

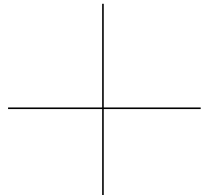
User Action: Verify that the X server is configured correctly for XRemote communications. Specifically verify that the terminal is configured for XRemote communications via TCP.

TXPORT, **message**

Severity: Warning

Explanation: The X server has encountered difficulties in the transport layer of XRemote software as specified in the message.

User Action: Use the information contained in the message to resolve the problem. If you require further assistance, please contact NCD Technical Support.



XRPRINTD Messages

XRPRINTD messages pertain to the XRemote print daemon. If you are looking for a message that refers to the XRPRINTD module but does not appear here, refer to “Messages Common to All Modules” on page 18-7.

CLOSE, closed session on *port*

Severity: Information

Explanation: The print daemon closed the connection to the serial/parallel daemon on the specified port.

User Action: None

NOCONNECT, unable to connect to print daemon on *port*

Severity: Error

Explanation: The XRemote print daemon is unable to connect to the serial/parallel daemon on the specified port.

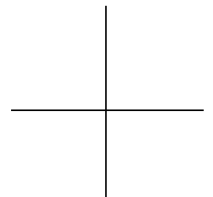
User Action: Make sure that the serial port mode (Setup ⇒ Change Setup Parameters ⇒ Serial ⇒ Serial Interfaces Table ⇒ Current Port Use) has been configured for printing.

OPEN, opened session on *port*

Severity: Information

Explanation: The print daemon connected to the Serial or Parallel daemon on the specified port.

User Action: None



XSERVER Messages

XSERVER messages pertain to MIT X server code. If you are looking for a message that refers to the XSERVER module but does not appear here, refer to “Messages Common to All Modules” on page 18-7.

AUDIOINITFAIL, unable to initialize Network Audio Server

Severity: Error

Explanation: The audio X server module was not loaded.

User Action: Make sure the audio module is loaded.

BDAUTH, host *host_address* tried to connect with bad *n* authorization

Severity: Warning

Explanation: The X server received a request from an unauthorized client.

User Action: Verify that the authorization level is correct for the client that is attempting to connect.

BADFONTPATH, failed to set default font path *font_path*

Severity: Error

Explanation: The X server cannot set the specified font path as requested.

User Action: Verify that the font path is set correctly and that the file service table is configured appropriately. If the font path specifies a font server, make sure that the entry uses the proper syntax and that the font server is accessible via the network.

BADFONTPATHELEMENT, failed to add *font_path_entry* to font path

Severity: Error

Explanation: The X server cannot add the specified entry to the font path.

User Action: Verify that the font path entry is typed correctly and that the file service table is configured appropriately. If the entry is for a font server, make sure the entry uses the proper syntax and that the font server is accessible via the network.

XSERVER Messages

BADWINDOWSIZE, window dimensions *n n* too large

Severity: Error

Explanation: The specified window dimensions are too large for the display.

User Action: Specify the window size again, using appropriate dimensions.

CMDSRUNNING, *n* local commands are still running

Severity: Warning

Explanation: The X server has determined that clients are not disconnecting as requested; the specified number of clients are hung processes.

User Action: Stop the hung processes.

NEWCLIENT, host *host* connected with *authorization_type* authorization

Severity: Information

Explanation: The specified host has connected to the X server with the specified type of authorization.

User Action: None

NOCONSOLE, unable to find console window

Severity: Error

Explanation: The X server cannot display the Console window.

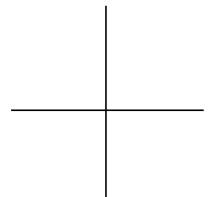
User Action: Reboot the terminal. If the situation persists, please contact NCD Technical Support.

NOEXTENSION, client attempted to use non-existent extension *extension_name*

Severity: Warning

Explanation: A client application is looking for the specified extension; the extension is not provided by the current X server.

User Action: Determine if another X server image available for the terminal will provide the desired extension.



NOWARNING, unable to find warning box window

Severity: Error

Explanation: The X server cannot display the low-on-memory warning window.

User Action: Reboot the terminal. If the situation persists, please contact NCD Technical Support.

RESET, resetting X server to defaults for new session

Severity: Information

Explanation: The X server is resetting its configuration information to its default values as requested.

User Action: None

XT Messages

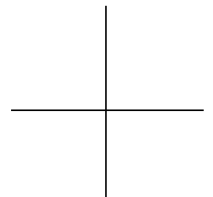
XT messages pertain to the X Toolkit libraries. If you are looking for a message that refers to the XT module but does not appear here, refer to “Messages Common to All Modules” on page 18-7.

ERROR, *message*

Severity: Error

Explanation: The X Toolkit library has reported an error as described in the message.

User Action: Refer to X Toolkit documentation for more information about the specified error. If you require more assistance, please contact NCD Technical Support.



XT Messages

WARNING, *message*

Severity: Warning

Explanation: The X Toolkit library has generated a warning as specified in the message.

User Action: Refer to X Toolkit documentation for more information about the specified error. If you require more assistance, please contact NCD Technical Support.

