ECCBR045I **Press any key to view function menu.**

Cause: This message is displayed on the message line after the "Bridge initialization complete" message.

Action: If you want to use one of the available bridge functions, press any key to display the Main Menu. The Initialization panel is not displayed again after the Main Menu panel is first requested.

If you do not want to use one of the functions, the Bridge Program is running and no further action is required.

ECCBR047W **There are reporting links with one or more network manager programs.**

Cause: This message is displayed when you type **S** and press the **Enter** key on the Main Menu to shut down the Bridge Program and reporting links exist with one or more network manager programs.

Action: Contact the network administrator to verify that the shutdown of the Bridge Program is necessary. The links may need to be ended by the network manager programs before you continue with the Bridge Program shutdown.

If the administrator indicates that shutdown is necessary, continue with shutdown by typing **Y (Yes)** on the Shutdown Verification window and pressing the **Enter** key. If the Bridge Program should not be stopped at this time, type **N (No)** on the Shutdown Verification window and press **Enter** to cancel the shutdown request and continue bridge operation.

ECCBR049I **Shutdown is in progress as requested by operator.**

Cause: This message is displayed when you stop the Bridge Program by selecting "Shutdown" on the Main Menu panel, typing **Y (Yes)** and then pressing the **Enter** key on the Shutdown Verification Window. The Bridge Program is continuing with shutdown and will display further messages as they occur.

Action: No further operator action is required.

ECCBR050I	**Shutdown is complete, bridge processing is terminated.**

Cause: This message is displayed after the adapters have been closed and the Bridge Program is not running. Control is passed to DOS.

Action: The Bridge Program must be reloaded in order to be started again.

ECCBR051I	**LAN segment XXX is beaconing (XXXXXXXXXXXX, XXXXXXXXXXXX, XXXX).**

Cause: This message will be displayed during the initialization process when the Bridge Program determines that one or both of the token-ring network segments connected to the bridge are beaconing. When the Bridge Program detects a beaconing condition on one or both of the token-ring network segments connected to the bridge, the Bridge Program will try to open the adapters until both adapters have been opened successfully, or until the bridge operator intervenes by pressing the **F3 (Exit)** key.

For more detailed information about what actions the Bridge Program performs while trying to initialize when one or both of the token-ring network segments are beaconing, see page 4-8.

XXX = LAN segment number

XXXXXXXXXXXX = Beaconing adapter address

XXXXXXXXXXXX = NAUN adapter address

XXXX = Beacon type

Note: This message is displayed for **only** the IBM Token-Ring Network.

Action:

1. Write down the adapter addresses and the error type. You will need this information to resolve the beaconing condition yourself or to give to the service supplier if you cannot resolve the beaconing condition on the token-ring network segment.
2. Use the adapter addresses and the procedures in the *IBM Token-Ring Network Problem Determination Guide* to resolve the beaconing condition.

ECCBR055I	**Bridge will retry adapter open command until it is successful.**

Cause: This message will be displayed after message ECCBR051I during the initialization process when the Bridge Program determines that one or both of the LAN segments connected to the bridge are beaconing. When the Bridge Program detects a beaconing condition on either LAN segment connected to the bridge, the Bridge Program will try to open the adapters until they have both been opened successfully, or until the bridge operator intervenes by pressing the **F3 (Exit)** key. For more detailed information about what actions the Bridge Program performs while trying to initialize when one or both of the LAN segments is beaconing, see page 4-8.

Note: This message is displayed for **only** the IBM Token-Ring Network.

Action: None.

ECCBR056I Press F3 (Exit) if you want to exit to DOS.

Cause: This message will be displayed after message ECCBR055I during the initialization process when the Bridge Program determines that one or both token-ring network segments connected to the bridge are beaconing. When the Bridge Program detects a beaconing condition on either token-ring network segment connected to the bridge, the Bridge Program will try to open the adapters until they have both been opened successfully, or until the bridge operator intervenes by pressing the **F3 (Exit)** key. For more detailed information about what actions the Bridge Program performs while trying to initialize when one or both of the token-ring network segments is beaconing, see page 4-8.

Action:

- If you want to interrupt the initialization retry process and exit to DOS, press the **F3 (Exit)** key.
- If you want the Bridge Program to try to open the adapters until they have both been opened successfully, no action is required.

ECCBR062I Panel data has been updated.

Cause: This message is displayed in the message area on a panel when you press **F5 (Refresh)**. Updated information is displayed on the panel. The message is also displayed when you press **F9 (Reset)**:

- On the Performance Counters panel:
  The counter values are set to zero, and the panel is updated to show all counter values as zero.
- On the Path Trace panel:
  The path trace log is cleared.
- On the Network Status Details panel:
  The panel values are cleared and not updated with the most recent information.

Action: None.

ECCBR065E Unable to display panel XXXXXXXX from file ECCCHELP.SCN.

Cause: This message is displayed in the message area when a Help panel cannot be found in the ECCHELP.SCN file. The variable data (XXXXXXXX) contains the panel identification number of the Help panel that could not be displayed.

Action: Replace the ECCHELP.SCN file on your working diskette or fixed disk by copying the file from the original Bridge Program diskette. Then, start the Bridge Program again.

If the problem occurs again, record the panel identification number and then refer to the "Statement of Service" on page E-10.

ECCBR081E File XXXXXXXX.XXX was not found.

Cause: This message is displayed when a file cannot be found on the working diskette or fixed disk directory in the default drive. It contains the following additional data:

XXXXXXXX.XXX = File name and extension

Action: Verify that the working diskette or fixed disk directory containing the Bridge Program files is in the default drive, and that the specified file is located on that diskette or fixed disk. If the file is not found, copy the file from the original Bridge Program diskette to the working diskette or fixed disk in the default drive. Then, reload the Bridge Program.

ECCBR082E Drive is not ready.

Cause: This message is displayed when a file access is attempted and the disk drive is not ready (the door is open, for example).

Action: Make the drive ready and refer to any other messages displayed.

ECCBR083E I/O Error on file XXXXXXXX.XXX (RC).

Cause: This message is displayed when a file-related operation, other than "file not found" and "drive not ready," is not successful. It contains the following additional data:

- X = File name and extension (12 characters)
- RC = Failure reason code (1 byte, 2 hex characters)

Action:

1. Verify that the disk or diskette drive is operating correctly by running the disk drive tests described in your computer's *Guide to Operations* or *Quick Reference* manual.
   - If the tests indicate a problem with the drive, contact your computer service supplier to correct the problem. After the problem has been corrected, continue with step 2.
   - If the tests do not indicate a problem, replace the named file on your working diskette or fixed disk by copying the file from the original Bridge Program diskette.
2. Start the Bridge Program again.

If the error reoccurs, record the failure reason code and contact your service supplier.

ECCBR084W Error log is full, data may be lost.

Cause: This message is displayed on the Shutdown panel when the error log has been filled to capacity. Error messages associated with termination are also recorded as entries in the error log. The last error log entry contains the reason for the termination of the Bridge Program.

Action: If the Bridge Program stops operating due to a problem (and not to an orderly shutdown requested by the operator), use the actions described for the messages in the Error Log or on the Shutdown panel or both to correct the problem.

Copy the ECCLOG.DAT file to another disk directory or diskette if you want to save it, then erase the ECCLOG.DAT file. Reload the Bridge

Program. A new log file is created the next time the Bridge Program needs to log a message.

ECCBR085W Receive congestion, error analysis data was lost.

Cause: This message is displayed when error analysis messages (error monitor, soft error reports, and network configuration changes) are being received at a rate too fast to be processed by the Bridge Program. This could be caused by heavy traffic through the bridge or by using the Ctrl-NumLock key sequence.

Action:

- If this condition was caused by the Ctrl-NumLock key sequence, press any key to remove the pause condition.
- If this condition was caused by error analysis messages, contact your network administrator for assistance. One or both of the token-ring network segments may be experiencing high rates of soft errors or temporary beaconing conditions, generating a large number of error analysis messages to the bridge.

  Note: Data traffic crossing the bridge between the LAN segments is not experiencing any deterioration or lost data.

ECCBR153E Invalid selection, please try again.

Cause: This message is displayed when:

- A value other than 1 through 6 or **S** for Shutdown has been selected on the Main Menu panel of the Bridge Program
- An incorrect number has been selected on one of the Installation Program panels.

Action:

- If you receive this message on the Main Menu of the Bridge Program, type a value from 1 to 6 or **S** for Shutdown and press the **Enter** key.
- If you receive this message on one of the Installation panels, type one of the available option numbers and press the **Enter** key.

ECCBR160E Top of data is displayed, press PgDn to continue.

Cause: This message is displayed when the **PgUp** key has been pressed and there is no previous panel to be displayed.

Action: Press the correct key for the action you want to take.

ECCBR161E Bottom of data is displayed, press PgUp to continue.

Cause: This message is displayed when the **PgDn** key has been pressed and there is no additional panel to be displayed.

Action: Press the correct key for the action you want to take.

ECCBR164E Passwords must be 6-8 characters.

Cause: This message is displayed by the Configuration Program when you type a new link password of less than 6 characters.

Action: Choose and type a password of 6-8 characters.

ECCBR165W Do you want to quit without saving your changes? (Y/N)

Cause: This message appears on a Configuration Program panel or on an Installation Program panel when you press **F3 (Exit)** after changing configuration or installation parameters, but do not press **F6 (Save)** first.

Action: If you want to save your changes, type **N (No)** and press **F6 (Save)**. If you do not want to save your changes, type **Y (Yes)**. The Configuration Program or the Installation Program will end and control will be passed to DOS.

ECCBR166E Field contains an invalid value.

Cause: This message is displayed when the Configuration Program or the Installation Program detects that the parameter value you specified is invalid.

Action: Specify a value that falls within the specified range.

ECCBR167E Duplicate values are not allowed.

Cause: This message is displayed by:

- The Configuration Program when you specify a parameter value for one adapter's LAN segment number that is the same parameter value specified for the bridge adapter connected to the other LAN segment. Values for these parameters must be different for each LAN segment.
- The Installation Program when you specify a parameter value for one adapter's shared RAM address or locally administered address that is the same parameter value specified for the bridge adapter connected to the other LAN segment.

Action:

- Verify the values specified for each bridge adapter's LAN segment number on the Configuration Program panels (see Chapter 2).
- Verify the values specified for each bridge adapter's shared RAM address and locally administered address in the CONFIG.SYS file (see Chapter 2 or Appendix B).

Change the values as necessary, so that the values for the primary adapter are different from the values for the alternate adapter.

ECCBR168E Incorrect value given for old password.

Cause: This message appears when the Configuration Program detects one of the following errors:

- The password you typed in the old password field does not match the password used previously (as it exists in the configuration file).
- You typed a new password in the new password fields without typing a password in the old password field.

Action: Do one of the following steps:

- Obtain the old password and type it in the old password field.

  If the correct old password is not available, you must erase the ECCPARMS.BIN configuration file and use the Configuration Program to rebuild the file in order to change the password. When there is no existing configuration file, the old passwords are the defaults (00000000).
- Type 8 zeros in the field for the old password if you are changing the password for the first time, and then type in the new password.

ECCBR169E New password values do not match.

Cause: This message is displayed when the Configuration Program detects that the first and second entries of a new link password do not match.

Action: Specify the correct (same) new password in both fields on the panel.

ECCBR170I Bridge test has been started, please wait.

Cause: This message is displayed when the bridge test is running, either during the Bridge Program initialization or after **F7 (Bridge Test)** is pressed.

Action: Observe the messages that follow to determine the result of the test.

ECCBR171W Unable to perform bridge test, frame forwarding is not active.

Cause: This message is displayed when the bridge test tries to run, either during the initialization process or after **F7 (Bridge Test)** is pressed, and the frame forwarding function is not active.

Action: If the frame forwarding configuration parameter was intentionally set to **N (No)** during configuration, no action is necessary.

If the frame forwarding configuration parameter was incorrectly set to **N (No)** during configuration, use the Configuration Program to change the parameter to **Y (Yes)**. Start the Bridge Program again using the changed ECCPARMS.BIN configuration file.

ECCBR172W Unable to perform bridge test, LAN segment is inoperative.

Cause: This message is displayed when the bridge test detects that one or both of the adapters indicate a LAN segment status of other than **Normal** or **Soft Error**.

Action: Follow the indicated actions in "LAN Segment Status Conditions" on page A-1 and the procedures in the *IBM Token-Ring Network Problem Determination Guide* to correct the IBM Token-Ring Network problems or in the *IBM PC Network Hardware Maintenance and Service* to correct the IBM PC Network problems.

If the message was displayed after you pressed **F7 (Bridge Test)**, you can try the bridge test again or continue with other bridge functions.

If the message was displayed during Bridge Program initialization, start the bridge computer again and reload the Bridge Program.

ECCBR173W Bridge test failed, both adapters are on the same LAN segment.

Cause: This message is displayed when the bridge test detects that the alternate bridge adapter is connected to the same LAN segment as the primary adapter.

Action: Refer to section 2 of your Bridge Planning Chart to verify that both adapters are connected to the correct LAN segments. If you have both adapters connected as shown in the chart, contact your network planner or administrator to find out the reason for both adapters being on the same LAN segment.

ECCBR174I Bridge test completed successfully.

Cause: This message is displayed when the bridge test completes all operations with no failures.

Action: None.

ECCBR175W Bridge test is already in progress, please wait.

Cause: This message is displayed when you press **F7 (Bridge Test)** while the bridge test is already in progress.

Action: Wait for another message to be displayed.

ECCBR176W Bridge test failed, unable to pass data.

Cause: This message is displayed when the bridge test fails before completion of all functions.

Action:

1. Press **F7 (Bridge Test)** to run the test again.

   If the bridge test does not fail again, the Bridge Program is operating and no further action is required.

   An unusual occurrence may have caused the initial failure, such as trying to do the bridge test during a peak traffic period. A peak traffic period may be when large files are crossing the bridge or many users are sending data over the same bridge at the same time.

   If the bridge test fails again, turn the computer power off for at least 15 seconds and then back on to start the computer again. Then, load the Bridge Program again if it is not automatically loaded by an AUTOEXEC.BAT file.

   If the bridge test fails again, continue with step 2 for the IBM Token-Ring Network or with step 4 for the IBM PC Network.

2. For the IBM Token-Ring Network, use the Ring Diagnostic to verify that each token-ring network is operating correctly. See the *IBM Token-Ring Network Problem Determination Guide* for instructions on using the Ring Diagnostic.

   If you have no token-ring network problems or when you have corrected any problems, start the computer again (turn the computer power off for at least 15 seconds and then back on). Then reload the Bridge Program if it is not automatically loaded by an AUTOEXEC.BAT file.

   If the bridge test fails again, continue with step 3.

3. Run the diagnostic tests for both adapters in the bridge computer using the computer's Reference Diskette.

   Continue with step 5 when you have determined that there are no adapter problems or you have corrected any adapter or cable problems.

4. For the IBM PC Network, run the Advanced Diagnostics (packaged with the *IBM PC Network Hardware Maintenance and Service* manual) to verify that the PC network segment is working correctly.

   Start the bridge computer again (turn the computer power off for at least 15 seconds and then back on).

If the bridge test fails again, continue with step 5.

5. Start the bridge computer again. If the bridge test fails again, continue with step 6.
6. Recopy the Bridge Program files from either your Bridge Program Backup Copy or from the original Bridge Program diskette to create a new working diskette or fixed disk directory, as described in Chapter 3.

   Start the bridge computer again and reload the Bridge Program from the new working diskette or fixed disk directory.
7. If the bridge test fails again, refer to the "Statement of Service" on page E-10.

ECCBR178E Bridge test failed, network routing conflict.

Cause: This message can occur during initialization or after you press **F7 (Bridge Test)** to select the bridge test. The message can occur for one of the following reasons:

- There is another bridge in the network that is configured with the same routing information (LAN segment numbers and bridge numbers) as this bridge.
- There is a parallel bridge in the network that is configured with a conflicting LAN segment number value.

If this message occurs during initialization, it will be followed by the "Bridge initialization failed" message.

Action: Talk with the network planner or network administrator to determine which bridge is incorrectly configured. Use the Configuration Program (see Chapter 2) to correct the error in the ECCPARMS.BIN configuration file. Reload the Bridge Program using the corrected configuration file.

ECCBR186I **Configuration parameters have been saved in the file ECCPARMS.BIN.**

Cause: This message is displayed when **F6 (Save)** is pressed on a Configuration Program panel. All parameters that have been changed on any of the four Configuration Program panels are written into the ECCPARMS.BIN file on the diskette or fixed disk in the default drive.

Action: None. You can press **F3 (Exit)** to return control to DOS.

ECCBR188E **Disk is full; unable to save parameters.**

Cause: This message is displayed when you press **F6 (Save)** on a Configuration Program panel and there is not enough space on the diskette or fixed disk in the default drive to save the changed data in the ECCPARMS.BIN file.

Action: Press **F3 (Exit)** to end the Configuration Program. Make additional space on the diskette or fixed disk. Start the Configuration Program again, change the parameter values again and press **F6 (Save)** to write the changes on the diskette or fixed disk.

ECCBR189W **Performance counters have overflowed; press reset to clear them.**

Cause: One or more of the Bridge Program performance counters has reached the maximum value that can be recorded by the counter. The counter rolls over to zeros and resumes counting.

Action: Repeat the measurement using a shorter measurement period. On the Bridge Program Main Menu panel, select the Performance Counters panel by typing **5** and pressing **Enter**. On the Performance Counters panel, press **F9 (Reset)** to clear the counters.

ECCBR212E Network adapter X hardware failed (YYYY).

Cause: This message is displayed and logged when the Bridge Program detects a hardware failure in one of the bridge adapters. It contains the following additional information:

- X = Adapter number (0= primary or 1=alternate)
- YYYY = The reason code.

Action: Run the diagnostic tests to verify the operation of the indicated adapter and adapter cable.

IBM Token-Ring Network Adapters

Use the system tests on the bridge computer's Reference Diskette. See the *IBM Token-Ring Network Adapter/A Installation and Testing Instructions* packaged with the adapter and the *Quick Reference* manual for the computer.

IBM PC Network Adapters

Refer to the *IBM PC Network Hardware Maintenance and Service* and run the Advanced Diagnostics.

If the diagnostics indicate that the adapter is operating correctly, start the bridge computer again (turn the computer power off for at least 15 seconds and then back on) and reload the Bridge Program.

If this message is displayed again, record the reason code and contact your service supplier.

ECCBR213E Network adapter X microcode failed (YYYY).

Cause: This message is displayed and logged whenever the Bridge Program detects an error during its communication with one of the bridge adapters. It contains the following additional data:

- X = Adapter number (0=primary or 1=alternate)
- YYYY = The reason code.

Action: Do the following steps:

1. Verify that both adapters do not have the ROM address set the same and that the shared RAM address for the indicated adapter does not conflict with other features installed in your computer.

   Use the Reference Diskette and the *Quick Reference* manual for the bridge computer to check the values.

2. Start the computer again (turn the computer power off for at least 15 seconds and then back on).

3. Reload the Bridge Program if it is not automatically loaded by an AUTOEXEC.BAT file.

4. If the same error occurs, recopy the Bridge Program files from your Bridge Program Backup Copy or from the original Bridge Program diskette to a new working or fixed disk directory, as described in Chapter 3.

   Start the computer again and reload the Bridge Program using the new working diskette or fixed disk.

5. If the problem still occurs, record the reason code and contact your service supplier.

ECCBR215E Network adapter X or its lobe failed.

Cause: This message is displayed and logged when one of the bridge adapters detects that there is a problem with the adapter or the cable that connects the adapter to the network. It contains the following additional data:

X = Adapter number (0 = primary or 1 = alternate).

The LAN Segment Status is **Wire Fault** and Bridge Program operation is ended.

Action: Refer to the procedures in the *IBM Token-Ring Network Problem Determination Guide* to locate and correct a "Wire Fault" problem. Then start the bridge computer again and reload the Bridge Program.

Note: This message is displayed for **only** the IBM Token-Ring Network.

ECCBR216I Network adapter X is closed.

Cause: This message is displayed when the Bridge Program closes a bridge adapter as a result of Bridge Program termination or as a result of the other bridge adapter being closed due to an error condition. It contains the following additional data:

X = Adapter number (0 = primary or 1 = alternate).

The LAN segment status is **Adapter Closed** and Bridge Program operation is ended.

Action: Take the action indicated for the messages displayed preceding this message. The preceding messages show the reason for Bridge Program termination or an adapter being closed.

ECCBR217E Network adapter X command failed (YY, ZZ, EEEE).

Cause: This message is displayed and logged whenever an adapter command fails. It contains the following additional data:

- X = Adapter number (0 = primary or 1 = alternate)
- YY = Command (1 byte, 2 hex characters)
- ZZ = Return code (1 byte, 2 hex characters)
- EEEE = (2 bytes, 4 hex characters)
  Bring-up error code if YY is 20
  Open error code or zeros if YY is 03
  Otherwise zeros.

If the problem occurs during initialization, this message will be followed by the "Bridge initialization failed" message.

Use the following tables to help you determine why the network adapter command failed.

1. Determine which adapter is failing (primary or alternate).
2. Determine what type of adapter it is (token-ring network or PC network).
   - If it is a token-ring network adapter, see Table A-1 on page A-32 for a list of the error codes ("YY ZZ" values) and their possible causes. Actions for the IBM Token-Ring Network follow the table.
   - If it is a PC network adapter, see Table A-2 on page A-34 for a list of the error codes ("YY ZZ" values) and their possible causes. Actions for the IBM PC Network follow Table A-2.

For the **IBM Token-Ring Network**, some possible "YY ZZ" values are caused by:

Table A-1 (Page 1 of 2). IBM Token-Ring Network Adapter Failure Codes and Causes

YY	ZZ	Possible Causes
20	07	1. The selected shared RAM address conflicts with other features installed in your computer. 2. The indicated adapter is defective.
20	1D	1. The indicated adapter is not installed. 2. The adapter settings are set the same on both bridge adapters (see Table 3-1 on page 3-3). 3. The adapter settings on the indicated adapter are not set correctly (see Table 3-1 on page 3-3). 4. The selected shared RAM address conflicts with other features installed in your computer. 5. The adapter support code is not installed.

Table A-1 (Page 2 of 2). IBM Token-Ring Network Adapter Failure Codes and Causes

YY	ZZ	Possible Causes
03	07	1. There is a token-ring network segment problem such as a duplicate address or the token-ring network segment is beaconing. 2. If the error code is other than zeros, the adapter or the token-ring network segment has a problem, such as a duplicate address, or the token-ring network segment is beaconing. The "open error" code (EEEE) should be reported to the person responsible for ring problem determination or to your network administrator. **Note:** The following error code is the most common code: • EEEE=0038 Duplicate address • EEEE=0027 LAN segment beaconing
0C	05	If the error code is zeros, the indicated adapter has the 8 KB/16 KB RAM switch set incorrectly (it must be set to 16 KB).

Action: Do the following steps:

1. Correct any problem described above.

   Start the computer again (turn the computer power off for at least 15 seconds and then back on). Reload the Bridge Program if it is not automatically loaded by an AUTOEXEC.BAT file. Continue with step 4.

   If the problem is not described above, there may be either a problem with the token-ring network segment or a problem with the indicated bridge adapter. Continue with step 2.

2. For the IBM Token-Ring Network, run the Ring Diagnostic as described in the *IBM Token-Ring Network Problem Determination Guide* using the adapter indicated in this message.

   If no token-ring network segment problems are indicated, continue with step 3.

If there are token-ring network segment problems, correct them. Then start the bridge computer again (turn the computer power off for at least 15 seconds and back on) and reload the Bridge Program.

If the problem occurs again, continue with step 3.

3. Run the diagnostic tests on the adapter indicated in this message.

   Use the system tests on the bridge computer's Reference Diskette. See the *IBM Token-Ring Network Adapter/A Installation and Testing Instructions* packaged with the adapter and the *Quick Reference* manual for the computer.

   If the diagnostic tests indicate that the adapter is operating correctly, start the bridge computer again (or turn the computer power off for at least 15 seconds and then back on). Reload the Bridge Program, if it is not automatically loaded by an AUTOEXEC.BAT file.

4. If the same error occurs, recopy the Bridge Program files from your Bridge Program Backup Copy or from the original Bridge Program diskette to a new working or fixed disk directory, as described in Chapter 3. (If you copy the files from the original diskette, you must either create the configuration file again or copy the ECCPARMS.BIN file from the Backup Copy.)

   Start the computer again (turn the computer power off for at least 15 seconds and then back on) and reload the Bridge Program using the new working diskette or fixed disk.

5. If the problem still occurs, record the additional data from the message and contact your service supplier.

Actions for the IBM Token-Ring Network are now complete.

For the **IBM PC Network**, some possible "YY ZZ" values are caused by:

Table A-2 (Page 1 of 2). PC Network Adapter Failure Codes and Causes

YY	ZZ	Possible Causes
20	07	The indicated adapter is defective.

Table A-2 (Page 2 of 2). PC Network Adapter Failure Codes and Causes

YY	ZZ	Possible Causes
20	1D	1. The indicated adapter is not installed. 2. The adapter settings are set the same on both bridge adapters (see Table 3-1 on page 3-3). 3. The adapter settings on the indicated adapter are not set correctly (see Table 3-1 on page 3-3). 4. The adapter support code is not installed .
03	07	1. There is a problem on the PC network, such as a duplicate address or there is a continuous-carrier or a no-carrier condition. 2. If the error code is other than zeros, the adapter or the PC network segment has a problem, such as a duplicate address or the PC network segment has a continuous-carrier or a no-carrier condition. The open error code (EEEE) should be reported to the person responsible for ring problem determination or to your network administrator. **Note:** The following error code is the most common code: • EEEE=0022 Error on frame transmission caused by no-carrier condition

Action: Do the following steps:

1. Correct any problem described above.

   Start the computer again (turn the computer power off for at least 15 seconds and then back on). Reload the Bridge Program if it is not automatically loaded by an AUTOEXEC.BAT file. Continue with step 4.

   If the problem is not described above, there may be either a problem with the PC network segment or a problem with the indicated bridge adapter. Continue with step 2.

2. If the error code appears on the panel a few seconds after you turn on the power at the bridge computer, do one of the following steps:
   - Follow the instructions on the panel to have the network or system serviced.
   - Run the Advanced Diagnostics (packaged with the *IBM PC Network Hardware Maintenance and Service* manual).
   - Follow the instructions provided in the *IBM PC Network Hardware Maintenance and Service* to correct any problems with the IBM PC Network.
3. Start the bridge computer again (turn the computer power off for at least 15 seconds and back on) and reload the Bridge Program.
4. If the problem occurs again, record the additional data from the message and contact your service supplier.

Actions for the IBM PC Network are now complete.

ECCBR222I Network adapter X was removed.

Cause: This message is displayed and logged when the indicated bridge adapter has been removed from the LAN segment by the Bridge Program.

X = Adapter number (0=primary or 1=alternate).

The LAN Segment Status is changed to **Adapter Closed**.

Action: Do the following steps:

1. Use the procedure in the *IBM Token-Ring Network Problem Determination Guide* to find and correct an "Auto-Removal" problem.

   Start the bridge computer again (turn the computer power off for at least 15 seconds and then back on). Reload the Bridge Program if it is not automatically loaded by an AUTOEXEC.BAT file.

   If the problem occurs again, continue with step 2.
2. Run the diagnostic tests on the adapter indicated in this message.

   Use the system tests on the bridge computer's Reference Diskette. See the *IBM Token-Ring Network Adapter/A Installation*

and Testing Instructions packaged with the adapter and the *Quick Reference* manual for the computer.

If the diagnostic tests indicate that the adapter is operating correctly, start the bridge computer again (turn the computer power off for at least 15 seconds and then back on). Reload the Bridge Program if it is not automatically loaded by an AUTOEXEC.BAT file.

3. If none of the above steps solves your problem, contact your service supplier.

ECCBR228I Network adapter X was removed by a network manager program.

Cause: This message is displayed and logged when a network manager program (the IBM LAN Manager, for example) has sent a command to force the specified bridge adapter to detach itself from the network.

X = Adapter number (0=primary or 1=alternate).

The LAN segment status display is changed to **Adapter Closed** The Bridge Program then stops running and control is returned to DOS.

Action: Contact your network administrator to find out why the adapter was removed by the network manager program. When any network problems have been resolved, start the computer again (turn the computer power off for at least 15 seconds and back on) and reload the Bridge Program.

ECCBR301E There is not a primary adapter installed.

Cause: This message is displayed when you have chosen the option to have the Bridge Program installed directly on the bridge computer, and the Installation Program is unable to locate an adapter in the bridge computer configured as the primary adapter.

Action: Configure one of the adapters in the bridge computer as the primary adapter.

See Table 3-1 on page 3-3 and the installation instructions packaged with the adapter for information about setting and installing the adapters.

Note: If you are using a token-ring network adapter and a PC network adapter in the bridge computer, configure the PC network adapter as the primary adapter.

ECCBR302E There is not an alternate adapter installed.

Cause: This message is displayed when you have chosen the option to have the Bridge Program installed directly on the bridge computer, and the Installation Program is unable to locate an adapter in the bridge computer configured as the alternate adapter.

Action: Configure one of the adapters in the bridge computer as the alternate adapter.

See Table 3-1 on page 3-3 and the installation instructions packaged with the adapter for information about setting and installing the adapters.

Note: If you are using a token-ring network adapter and a PC network adapter in the bridge computer, configure the PC network adapter as the primary adapter.

ECCBR305E Adapters must be set: PC Network - Primary; Token-Ring Network - Alternate.

Cause: This message is displayed when you have chosen the option to have the Bridge Program installed directly on the bridge computer, and the Installation Program determines that that the PC network adapter has been set as the alternate adapter and the token-ring network adapter has been set as the primary adapter.

Action:

1. Determine that you have installed a PC network adapter and a token-ring network adapter in the bridge computer.
2. Use the reference diskette to determine if the PC network adapter has been set as the primary adapter and the token-ring network adapter has been set as the alternate adapter.