

Base Status Code	Possible Additional Numbers / Explanation / Action
31	<ul style="list-style-type: none"> <li>• Release the Alt 1 or Alt 2 pushbutton, or</li> <li>• Request help from your technical support group or help desk.</li> </ul>
36	<p><i>IML hardware failure: file adapter.</i></p> <ul style="list-style-type: none"> <li>• Re-IML.</li> <li>• Request service for the control unit.</li> </ul>
40	<p><i>This is a normal Alt 1 IML prompt for additional input.</i></p> <p>The Alt 1 IML procedures provide the required responses (refer to “Alt 1 IML Tests” on page 3-110).</p>
42 – 94	<p><i>IML hardware failure: processor or storage card.</i></p> <ul style="list-style-type: none"> <li>• Re-IML.</li> <li>• Request service for the control unit.</li> </ul>
96 – 98	<p><i>Invalid response to the Alt 1 IML 40 prompt.</i></p> <ul style="list-style-type: none"> <li>• Re-IML.</li> <li>• Try the keypad entry again.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
101 – 114	<p><i>IML hardware failure: processor or file adapter.</i></p> <ul style="list-style-type: none"> <li>• Re-IML.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
117	<p><i>IML hardware failure: diskette drive or media.</i></p> <ul style="list-style-type: none"> <li>• Make sure that the correct diskette is correctly installed (refer to “Diskettes and Diskette Drives” on page 2-13 for the correct way to insert diskettes).</li> <li>• Insert a backup diskette, and try the Alt 1 IML again.</li> <li>• If the problem returns, run Alt 2 IML tests (refer to “Alt 2 IML Tests” on page 3-108).</li> <li>• Request help from your technical support group or help desk.</li> </ul>
120	<p><i>During an Alt 2 IML, a Control or Utility diskette was not found in diskette drive 01.</i></p> <ul style="list-style-type: none"> <li>• Insert a Control or Utility diskette into diskette drive 01.</li> <li>• Try an Alt 2 IML again.</li> <li>• Try using a backup copy of the diskette.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
121	<p><i>A not-ready drive condition was detected during an Alt 1 or Alt 2 IML.</i></p> <ul style="list-style-type: none"> <li>• Make sure that the diskette is correctly installed. For an Alt 2 IML, the diskette must be in drive 01.</li> <li>• Make sure that the diskette drive lever is closed.</li> <li>• Try the Alt 1 or Alt 2 IML again.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
123	<p><i>IML hardware failure: diskette drive or file adapter.</i></p> <ul style="list-style-type: none"> <li>• Re-IML.</li> <li>• Request help from your technical support group or help desk.</li> </ul>

- Re-IML means to try to make the control unit operational; refer to page 2-17 for the correct actions.
- When requesting service, be sure to give the status code and additional numbers to the service personnel.
- Some status codes are normal progress or completion messages; if the **Status Code** remains lit for more than 10 seconds, the code indicates an error. For an error, perform the appropriate actions.

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124	<p><i>IML hardware failure: diskette drive or media.</i></p> <ul style="list-style-type: none"> <li>• Re-IML with the backup Control diskette.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
125	<p><i>IML hardware failure: diskette drive.</i></p> <ul style="list-style-type: none"> <li>• Re-IML.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
130	<p><i>During a normal IML, the Control diskette was not found.</i></p> <ul style="list-style-type: none"> <li>• Make sure that a customized Control diskette is correctly inserted into the diskette drive, and try to IML again (refer to "Diskettes and Diskette Drives" on page 2-13 for the correct way to insert diskettes).</li> <li>• Try another Control diskette.</li> <li>• Re-IML.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
131	<p><i>An Alt 1 IML was performed with a diskette that does not have IML capabilities.</i></p> <ul style="list-style-type: none"> <li>• Insert a valid Control or Utility diskette, and re-IML.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
2%%	<p><i>There is a mismatch between customization and the hardware that is installed on the 3174 control unit.</i></p> <p>Request help from your technical support group or help desk.</p>
200 - 299	<p><i>3270 terminal failure (display, printer, selector pen, etc.).</i></p> <ul style="list-style-type: none"> <li>• Press RESET at the affected terminal and try the operation again.</li> <li>• At the affected terminal, set the Normal/Test switch from Normal to Test and back again. Then try the operation again.</li> <li>• At the affected terminal, switch the power off, then on, and try the operation again.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
301 - 311	<p><i>3174 hardware failure.</i></p> <ul style="list-style-type: none"> <li>• Press RESET at the affected terminal.</li> <li>• Try the operation again.</li> <li>• Re-IML.</li> </ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"> <li>• Run an Alt 2 IML Test (refer to "Alt 2 IML Tests" on page 3-108).</li> <li>• Request service for the control unit.</li> </ul>
313	<p><i>3174 hardware failure: operator panel.</i></p> <ul style="list-style-type: none"> <li>• Press RESET at the affected terminal. No further recovery is possible at this time. Repair action is mandatory before the next IML.</li> <li>• Request service for the control unit.</li> </ul>

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315 – 331	<p><i>3174 hardware failure.</i></p> <ul style="list-style-type: none"> <li>• Press RESET at the affected terminal.</li> <li>• Try the operation again.</li> <li>• Re-IML.</li> </ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"> <li>• Run an Alt 2 IML Test (refer to “Alt 2 IML Tests” on page 3-108).</li> <li>• Request service for the control unit.</li> </ul>
335	<p><i>3174 hardware failure, Encrypt/Decrypt feature.</i></p> <p><b>Note:</b> The control unit can still be operational without the Encrypt/Decrypt Adapter.</p> <ul style="list-style-type: none"> <li>• Press RESET at the affected terminal.</li> <li>• Try the operation again.</li> <li>• Re-IML.</li> </ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"> <li>• Run an Alt 2 IML Test (refer to “Alt 2 IML Tests” on page 3-108).</li> <li>• Request help from your technical support group or help desk.</li> </ul>
336	<p><i>3174 hardware failure, Encrypt/Decrypt battery.</i></p> <p>Replace the battery on the Encrypt/Decrypt adapter card.</p>
340	<p><i>A Token-Ring Adapter error condition has been cleared.</i></p> <p>No action is required.</p>

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## Status Codes

Base Status Code	Possible Additional Numbers / Explanation / Action
341	<p><b>01HG – 02HG</b> <i>A Token-Ring Adapter hardware failure occurred.</i></p> <ul style="list-style-type: none"> <li>• Contact the host operator to return the link(s) to service.</li> <li>• Do an Alt 2 IML (refer to “Alt 2 IML Tests” on page 3-108).</li> </ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"> <li>• Request help from your technical support group or help desk.</li> </ul>
	<p><b>03HG – 06HG</b> <i>A Token-Ring Adapter hardware failure occurred.</i></p> <ul style="list-style-type: none"> <li>• Do an Alt 2 IML (refer to “Alt 2 IML Tests” on page 3-108).</li> </ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"> <li>• Request help from your technical support group or help desk.</li> </ul>
	<p><b>07HG – 20HG</b> <i>A Token-Ring Adapter hardware failure occurred.</i></p> <ul style="list-style-type: none"> <li>• Contact the host operator to return the link(s) to service.</li> <li>• Do an Alt 2 IML (refer to “Alt 2 IML Tests” on page 3-108).</li> </ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"> <li>• Request help from your technical support group or help desk.</li> </ul>
	<p><b>21HG – 22HG</b> <i>A Token-Ring Adapter hardware failure occurred.</i></p> <ul style="list-style-type: none"> <li>• Do an Alt 2 IML (refer to “Alt 2 IML Tests” on page 3-108).</li> </ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"> <li>• Request help from your technical support group or help desk.</li> </ul>
	<p><b>53HG – 56HG</b> <i>A temporary Token-Ring Adapter failure occurred.</i></p> <ul style="list-style-type: none"> <li>• No repair actions are required if the control unit is operating normally. If it is not working normally, go to the next step.</li> <li>• Do an Alt 2 IML (refer to “Alt 2 IML Tests” on page 3-108).</li> </ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"> <li>• Request help from your technical support group or help desk.</li> </ul>
351 and 352	<p><i>An ASCII Adapter hardware or microcode failure occurred.</i></p> <ul style="list-style-type: none"> <li>• Use Test 12, Option 1,2 (refer to “Procedure H – All Connections to ASCII Adapter Are Failing” on page 3-57) to perform an ASCII Port Wrap Test on the failing adapter port (HG and port) indicated in the terminal message.</li> <li>• Re-IML.</li> </ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"> <li>• Run an Alt 2 IML Test (refer to “Alt 2 IML Tests” on page 3-108).</li> <li>• Request service for the control unit.</li> </ul>

- Re-IML means to try to make the control unit operational; refer to page 2-17 for the correct actions.
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380	<p><b>01HG – 20HG</b> <i>A Token-Ring Adapter microcode failure occurred.</i></p> <ul style="list-style-type: none"> <li>• Contact the host operator to return the link(s) to service.</li> <li>• Do an Alt 2 IML (refer to “Alt 2 IML Tests” on page 3-108).</li> <li>• Request service for the control unit.</li> </ul> <hr/> <p><b>60HG – 96HG</b> <i>A temporary Token-Ring Adapter microcode failure occurred.</i></p> <ul style="list-style-type: none"> <li>• No action is required if the control unit is operating normally. If it is not working normally, go to the next step.</li> <li>• Contact the host operator to reactivate the links.</li> <li>• Do an Alt 2 IML (refer to “Alt 2 IML Tests” on page 3-108).</li> <li>• Request help from your technical support group or help desk.</li> </ul>
381	<p><b>0xHG – 21HG</b> <i>A 3174 microcode failure occurred.</i></p> <ul style="list-style-type: none"> <li>• Re-IML.</li> <li>• Run an Alt 2 IML Test (refer to “Alt 2 IML Tests” on page 3-108).</li> <li>• Request service for the control unit.</li> </ul> <hr/> <p><b>5xHG</b> <i>A 3174 microcode failure occurred.</i></p> <p>No action is required unless your operation is impaired.</p> <ul style="list-style-type: none"> <li>• Re-IML.</li> <li>• Run an Alt 2 IML Test (refer to “Alt 2 IML Tests” on page 3-108).</li> <li>• Request service for the control unit.</li> </ul>
382	<p><i>3174 operational hardware failure.</i></p> <ul style="list-style-type: none"> <li>• Press RESET at the affected terminal.</li> <li>• Try the operation again.</li> <li>• Re-IML.</li> </ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"> <li>• Run an Alt 2 IML Test (refer to “Alt 2 IML Tests” on page 3-108).</li> <li>• Request service for the control unit.</li> </ul>
384	<p><i>A Downstream Load (DSL) diskette is not present in the 3174.</i></p> <ul style="list-style-type: none"> <li>• Remove the DSL diskette (usually in drive 2) and reinsert it. Certain terminals may require power-on.</li> <li>• Try another DSL diskette.</li> <li>• If the problem continues, re-IML.</li> </ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"> <li>• Do an Alt 2 IML (refer to “Alt 2 IML Tests” on page 3-108).</li> <li>• Request service for the control unit.</li> </ul>

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## Status Codes

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385	<p><b>00HG</b> <i>A 3174 diskette drive is not ready.</i></p> <ul style="list-style-type: none"><li>• Remove the diskette and check that it is the correct diskette.</li><li>• Insert the correct diskette into the drive to start again.</li><li>• If the problem occurred during IML, then re-IML.</li></ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"><li>• Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li><li>• Request service for the control unit.</li></ul>
	<p><b>01HG</b> <i>A 3174 diskette drive is not ready.</i></p> <ul style="list-style-type: none"><li>• Remove the Control diskette (usually in drive 1) and check that it really is the Control diskette.</li><li>• Insert the correct diskette into the drive to start again.</li><li>• If the problem continues, re-IML.</li></ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"><li>• Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li><li>• Request service for the control unit.</li></ul>
	<p><b>02HG</b> <i>A 3174 diskette drive is not ready during an online test.</i></p> <ul style="list-style-type: none"><li>• Remove the Control diskette (usually in drive 1) and check that it really is the Control diskette.</li><li>• Insert the correct diskette into the drive to start again.</li><li>• Select the online test again.</li><li>• If the problem continues, re-IML.</li></ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"><li>• Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li><li>• Request service for the control unit.</li></ul>
	<p><b>03HG and 04HG</b> <i>A 3174 diskette drive is not ready during customizing or IML.</i></p> <ul style="list-style-type: none"><li>• Remove the Control diskette (usually in drive 1) and check that it really is the Control diskette.</li><li>• Insert the correct diskette into the drive and re-IML to start again.</li><li>• Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li><li>• Request service for the control unit.</li></ul>
	<p><b>05HG</b> <i>The 3174 diskette drive containing the Downstream Load (DSL) diskette is not ready.</i></p> <ul style="list-style-type: none"><li>• Remove the DSL diskette (usually in drive 2) and check that it really is the DSL diskette.</li><li>• Insert the correct diskette into the drive and close the drive lever.</li><li>• If the problem continues, replace the DSL diskette with a duplicate.</li></ul>

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385 (cont.)	<p><b>06HG</b> <i>The 3174 diskette drive containing the Distributed Function Terminal (DFT) Dump diskette is not ready.</i></p> <ul style="list-style-type: none"> <li>• Remove the Dump diskette (usually in drive 1) and check that it really is the Dump diskette.</li> <li>• Insert the correct diskette into the drive and select the dump again.</li> <li>• If the problem continues, re-IML.</li> </ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"> <li>• Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li> <li>• Request service for the control unit.</li> </ul>
	<p><b>07HG</b> <i>The 3174 diskette drive is not ready during offline diagnostics.</i></p> <ul style="list-style-type: none"> <li>• Remove the Utility diskette (usually in drive 1) and check that it really is the Utility diskette.</li> <li>• Insert the correct diskette into the drive, press <b>ENTER</b>, and select the test again.</li> <li>• If the problem continues, re-IML.</li> <li>• Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li> <li>• Request service for the control unit.</li> </ul>
	<p><b>08HG</b> <i>The 3174 diskette drive is not ready during an offline dump, and the dump has been lost.</i></p> <ul style="list-style-type: none"> <li>• Initiate the dump again at the next microcode failure.</li> <li>• Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li> <li>• Request service for the control unit.</li> </ul>
	<p><b>09HG</b> <i>The 3174 diskette drive is not ready during an offline dump.</i></p> <ul style="list-style-type: none"> <li>• Remove the Control or Dump diskette (usually in drive 1) and check that you are using the correct one.</li> <li>• Insert the correct diskette into the drive to start the dump again.</li> <li>• Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li> <li>• Request service for the control unit.</li> </ul>
387	<p><i>The wrong diskette is being used in the control unit for Downstream Load (DSL).</i></p> <ul style="list-style-type: none"> <li>• Remove the DSL diskette (usually in drive 2) and check that it really is the DSL diskette.</li> <li>• Insert the DSL diskette into the drive and power-on the Distributed Function Terminal to start again.</li> <li>• If the problem continues, re-IML.</li> </ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"> <li>• Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li> <li>• Request service for the control unit.</li> </ul>

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## Status Codes

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388	<p><b>00HG</b> <i>A 3174 diskette media failure.</i></p> <ul style="list-style-type: none"> <li>Remove the diskette.</li> <li>Insert another diskette into the drive.</li> <li>If the problem occurred during IML, then re-IML.</li> </ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"> <li>Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li> <li>Request service for the control unit.</li> </ul>
	<p><b>01HG</b> <i>A 3174 diskette media failure occurred during the logging of records.</i></p> <ul style="list-style-type: none"> <li>Remove the Control diskette (usually in drive 1) and check that it really is the Control diskette.</li> <li>Insert the correct diskette into the drive to start again.</li> <li>If the problem continues, repeat the procedures above with a duplicate Control diskette.</li> <li>If the problem continues, re-IML.</li> </ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"> <li>Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li> <li>Request service for the control unit.</li> </ul>
	<p><b>02HG</b> <i>A 3174 diskette media failure occurred during an online test.</i></p> <ul style="list-style-type: none"> <li>Remove the Control diskette (usually in drive 1) and check that it really is the Control diskette.</li> <li>Insert the correct diskette into the drive and select the test again.</li> <li>If the problem continues, repeat the procedures above with a duplicate Control diskette.</li> <li>If the problem continues, re-IML.</li> </ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"> <li>Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li> <li>Request service for the control unit.</li> </ul>
	<p><b>03HG and 04HG</b> <i>A 3174 diskette media failure occurred during an IML or customizing.</i></p> <ul style="list-style-type: none"> <li>Remove the Control diskette (usually in drive 1) and check that it really is the Control diskette.</li> <li>Insert the correct diskette into the drive and re-IML to start again.</li> <li>If the problem continues, repeat the procedures above with a duplicate Control diskette.</li> <li>Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li> <li>Request service for the control unit.</li> </ul>
	<p><b>05HG</b> <i>A 3174 diskette media failure occurred during a Downstream Load (DSL) operation.</i></p> <ul style="list-style-type: none"> <li>Remove the DSL diskette (usually in drive 2) and check that it really is a DSL diskette.</li> <li>Insert the correct diskette into the drive and power-on the Distributed Function Terminal to start again.</li> <li>If the problem continues, repeat the procedures above with a duplicate DSL diskette.</li> <li>If the problem continues, re-IML.</li> </ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"> <li>Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li> <li>Request service for the control unit.</li> </ul>

- Re-IML means to try to make the control unit operational; refer to page 2-17 for the correct actions.
- When requesting service, be sure to give the status code and additional numbers to the service personnel.
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Base Status Code	Possible Additional Numbers / Explanation / Action
388 (cont.)	<p><b>06HG</b> <i>A 3174 diskette media failure occurred during a Distributed Function Terminal dump.</i></p> <ul style="list-style-type: none"> <li>Remove the Dump diskette (usually in drive 1) and check that it really is the Dump diskette.</li> <li>Insert the correct diskette into the drive and select the dump again.</li> <li>If the problem continues, repeat the procedures above with a different Dump diskette.</li> <li>If the problem continues, re-IML.</li> </ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"> <li>Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li> <li>Request service for the control unit.</li> </ul> <hr/> <p><b>07HG</b> <i>A 3174 diskette media failure occurred during offline diagnostics.</i></p> <ul style="list-style-type: none"> <li>Remove the Utility diskette (usually in drive 1) and check that it really is the Utility diskette.</li> <li>Insert the correct diskette into the drive, press <b>ENTER</b>, and select the test again.</li> <li>If the problem continues, repeat the procedures above with a different Utility diskette.</li> <li>If the problem continues, re-IML.</li> <li>Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li> <li>Request service for the control unit.</li> </ul> <hr/> <p><b>08HG</b> <i>A 3174 diskette media failure occurred during an offline dump, and the dump has been lost.</i></p> <ul style="list-style-type: none"> <li>Initiate the dump again at the next microcode failure.</li> <li>Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li> <li>Request service for the control unit.</li> </ul> <hr/> <p><b>09HG</b> <i>A 3174 diskette media failure occurred during an offline dump.</i></p> <ul style="list-style-type: none"> <li>Remove the Control or Dump diskette (usually in drive 1) and check that you are using the correct one.</li> <li>Insert the correct diskette into the drive to start the dump again.</li> <li>If the problem continues, repeat the procedures above with a different Dump diskette or a duplicate Control diskette.</li> </ul> <p><b>Note:</b> If you use another Dump diskette, part of the dump will be on the original diskette and the rest will be on the second diskette.</p> <ul style="list-style-type: none"> <li>Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li> <li>Request service for the control unit.</li> </ul> <hr/>
389	<p><b>01HG – 04HG</b> <i>A 3174 file adapter failure occurred.</i></p> <ul style="list-style-type: none"> <li>No further recovery is possible at this time. Repair action is mandatory before the next IML.</li> </ul> <p><b>Warning:</b> Do not turn off Distributed Function Terminals for which downstream loads are required.</p> <ul style="list-style-type: none"> <li>Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108) to isolate the cause of the failure.</li> </ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"> <li>Request service for the control unit.</li> </ul> <hr/> <p><b>51HG – 54HG</b> <i>A 3174 diskette error.</i></p> <ul style="list-style-type: none"> <li>No action to be performed.</li> </ul> <hr/>

- Re-IML means to try to make the control unit operational; refer to page 2-17 for the correct actions.
- When requesting service, be sure to give the status code and additional numbers to the service personnel.
- Some status codes are normal progress or completion messages; if the **Status Code** remains lit for more than 10 seconds, the code indicates an error. For an error, perform the appropriate actions.

## Status Codes

Base Status Code	Possible Additional Numbers / Explanation / Action
390	<p><b>00HG</b> <i>A 3174 diskette failure: file not found.</i></p> <ul style="list-style-type: none"><li>Remove the diskette and check that it is the correct diskette.</li><li>Insert the correct diskette into the drive to start again.</li><li>If the problem occurred during IML, then re-IML.</li></ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"><li>If the problem continues, repeat the procedures above with a duplicate diskette.</li><li>Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li><li>Request service for the control unit.</li></ul>
	<p><b>01HG</b> <i>A 3174 diskette failure occurred during the logging of records: file not found.</i></p> <ul style="list-style-type: none"><li>Remove the Control diskette (usually in drive 1) and check that it really is the Control diskette.</li><li>Insert the correct diskette into the drive to start again.</li><li>If the problem continues, repeat the procedures above with a duplicate Control diskette.</li><li>If the problem continues, re-IML.</li></ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"><li>Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li><li>Request service for the control unit.</li></ul>
	<p><b>02HG</b> <i>A 3174 diskette failure occurred after an online test was requested: file not found.</i></p> <ul style="list-style-type: none"><li>Remove the Control diskette (usually in drive 1) and check that it really is the Control diskette.</li><li>Insert the correct diskette into the drive and select the test again.</li><li>If the problem continues, repeat the procedures above with a duplicate Control diskette.</li><li>If the problem continues, re-IML.</li></ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"><li>Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li><li>Request service for the control unit.</li></ul>
	<p><b>03HG and 04HG</b> <i>A 3174 diskette failure occurred during an IML or customizing: file not found.</i></p> <ul style="list-style-type: none"><li>Remove the Control diskette (usually in drive 1) and check that it really is the Control diskette.</li><li>Insert the correct diskette into the drive and re-IML to start again.</li><li>If the problem continues, repeat the procedures above with a duplicate Control diskette.</li><li>Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li><li>Request service for the control unit.</li></ul>

- Re-IML means to try to make the control unit operational; refer to page 2-17 for the correct actions.
- When requesting service, be sure to give the status code and additional numbers to the service personnel.
- Some status codes are normal progress or completion messages; if the **Status Code** remains lit for more than 10 seconds, the code indicates an error. For an error, perform the appropriate actions.

Base Status Code	Possible Additional Numbers / Explanation / Action
390 (cont.)	<p><b>05HG</b> <i>A 3174 diskette failure occurred during a Downstream Load (DSL): file not found.</i></p> <ul style="list-style-type: none"> <li>Remove the DSL diskette (usually in drive 2) and check that it really is a DSL diskette.</li> <li>Insert the correct diskette into the drive and power-on the Distributed Function Terminal to start again.</li> <li>If the problem continues, repeat the procedures above with a duplicate DSL diskette.</li> <li>If the problem continues, re-IML.</li> </ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"> <li>Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li> <li>Request service for the control unit.</li> </ul>
	<p><b>06HG</b> <i>A 3174 diskette failure occurred during a DFT dump: file not found.</i></p> <ul style="list-style-type: none"> <li>Remove the Dump diskette (usually in drive 1) and check that it really is the Dump diskette.</li> <li>Insert the correct diskette into the drive and select the dump again.</li> <li>If the problem continues, repeat the procedures above with a different Dump diskette.</li> <li>If the problem continues, re-IML.</li> </ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"> <li>Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li> <li>Request service for the control unit.</li> </ul>
	<p><b>07HG</b> <i>A 3174 diskette failure occurred during offline diagnostics: file not found.</i></p> <ul style="list-style-type: none"> <li>Remove the Utility diskette (usually in drive 1) and check that it is the correct diskette.</li> <li>Insert the correct diskette into the drive, press <b>ENTER</b>, and select the test again.</li> <li>If the problem continues, repeat the procedures above with a different Utility diskette.</li> <li>If the problem continues, re-IML.</li> <li>Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li> <li>Request service for the control unit.</li> </ul>
	<p><b>08HG</b> <i>A 3174 failure occurred during an offline dump, and the dump has been lost.</i></p> <ul style="list-style-type: none"> <li>Initiate the dump again at the next microcode failure.</li> <li>Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li> <li>Request service for the control unit.</li> </ul>
	<p><b>09HG</b> <i>A 3174 diskette failure occurred during an offline dump: file not found.</i></p> <ul style="list-style-type: none"> <li>Remove the Control or Dump diskette and check that you are using the correct one.</li> <li>Insert the correct diskette into the drive to start the dump again.</li> <li>If the problem continues, repeat the procedures above with a different Dump diskette or a duplicate Control diskette. Note that, if you use another Dump diskette, part of the dump will be on the original diskette and the rest will be on the second diskette.</li> <li>Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li> <li>Request service for the control unit.</li> </ul>

- Re-IML means to try to make the control unit operational; refer to page 2-17 for the correct actions.
- When requesting service, be sure to give the status code and additional numbers to the service personnel.
- Some status codes are normal progress or completion messages; if the **Status Code** remains lit for more than 10 seconds, the code indicates an error. For an error, perform the appropriate actions.

## Status Codes

Base Status Code	Possible Additional Numbers / Explanation / Action
391	<p><b>00HG</b> <i>A 3174 diskette failure: a write-protect error was detected.</i></p> <ul style="list-style-type: none"><li>• Obtain a diskette that is not write-protected, or remove write-protection from the current diskette.</li><li>• Insert the diskette into the drive to start again.</li><li>• If the problem occurred during IML, then re-IML.</li></ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"><li>• Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li><li>• Request service for the control unit.</li></ul>
	<p><b>01HG</b> <i>A 3174 diskette failure: a write-protect error was detected during the logging of records.</i></p> <ul style="list-style-type: none"><li>• Remove the Control diskette (usually in drive 1).</li><li>• Obtain a diskette that is not write-protected, or remove write-protection from the current diskette.</li><li>• Insert the diskette into the drive to start again.</li><li>• If the problem continues, repeat the procedures above with a duplicate Control diskette.</li><li>• If the problem continues, re-IML.</li></ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"><li>• Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li><li>• Request service for the control unit.</li></ul>
	<p><b>02HG</b> <i>A 3174 diskette failure: a write-protect error was detected during an online test.</i></p> <ul style="list-style-type: none"><li>• Remove the Control diskette (usually in drive 1).</li><li>• Obtain a diskette that is not write-protected, or remove write-protection from the current diskette.</li><li>• Insert the diskette into the drive and select the test again.</li><li>• If the problem continues, repeat the procedures above with a duplicate Control diskette.</li><li>• If the problem continues, re-IML.</li></ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"><li>• Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li><li>• Request service for the control unit.</li></ul>
	<p><b>03HG and 04HG</b> <i>A 3174 diskette failure: a write-protect error was detected during an IML or customizing.</i></p> <ul style="list-style-type: none"><li>• Remove the Control diskette (usually in drive 1).</li><li>• Obtain a diskette that is not write-protected, or remove write-protection from the current diskette.</li><li>• Insert the diskette into the drive and re-IML to start again.</li><li>• If the problem continues, repeat the procedures above with a duplicate Control diskette.</li><li>• Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li><li>• Request service for the control unit.</li></ul>

- Re-IML means to try to make the control unit operational; refer to page 2-17 for the correct actions.
- When requesting service, be sure to give the status code and additional numbers to the service personnel.
- Some status codes are normal progress or completion messages; if the **Status Code** remains lit for more than 10 seconds, the code indicates an error. For an error, perform the appropriate actions.



Base Status Code	Possible Additional Numbers / Explanation / Action
391 (cont.)	<p><b>05HG</b> <i>A 3174 diskette failure: a write-protect error was detected during a Downstream Load (DSL) operation.</i></p> <ul style="list-style-type: none"> <li>• Remove the DSL diskette (usually in drive 2).</li> <li>• Obtain a diskette that is not write-protected, or remove write-protection from the current diskette.</li> <li>• Insert the diskette into the drive and power-on the Distributed Function Terminal to start again.</li> <li>• If the problem continues, repeat the procedures above with a duplicate DSL diskette.</li> <li>• If the problem continues, re-IML.</li> </ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"> <li>• Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li> <li>• Request service for the control unit.</li> </ul>
	<p><b>06HG</b> <i>A 3174 diskette failure: a write-protect error was detected during an online dump.</i></p> <ul style="list-style-type: none"> <li>• Remove the Dump diskette (usually in drive 1).</li> <li>• Obtain a diskette that is not write-protected, or remove write-protection from the current diskette.</li> <li>• Insert the diskette into the drive and select the dump again.</li> <li>• If the problem continues, repeat the procedures above with a different Dump diskette.</li> <li>• If the problem continues, re-IML.</li> </ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"> <li>• Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li> <li>• Request service for the control unit.</li> </ul>
	<p><b>07HG</b> <i>A 3174 diskette failure: a write-protect error was detected during offline diagnostics.</i></p> <ul style="list-style-type: none"> <li>• Remove the Utility diskette (usually in drive 1).</li> <li>• Obtain a diskette that is not write-protected, or remove write-protection from the current diskette.</li> <li>• Insert the diskette into the drive, press <b>ENTER</b>, and select the test again.</li> <li>• If the problem continues, repeat the procedures above with a different Utility diskette.</li> <li>• If the problem continues, re-IML.</li> <li>• Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li> <li>• Request service for the control unit.</li> </ul>
	<p><b>08HG</b> <i>A 3174 diskette failure: a write-protect error was detected during an offline dump, and the dump has been lost.</i></p> <ul style="list-style-type: none"> <li>• Initiate the dump again at the next microcode failure. Use a different Dump diskette that is not write-protected, or remove write-protection from the current diskette.</li> <li>• Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li> <li>• Request service for the control unit.</li> </ul>
	<p><b>09HG</b> <i>A 3174 diskette failure: a write-protect error was detected during an offline dump.</i></p> <ul style="list-style-type: none"> <li>• Remove the Control or Dump diskette (usually in drive 1).</li> <li>• Obtain a diskette that is not write-protected, or remove write-protection from the current diskette.</li> <li>• Insert the diskette into the drive to start again.</li> <li>• Request service for the control unit.</li> </ul>

- Re-IML means to try to make the control unit operational; refer to page 2-17 for the correct actions.
- When requesting service, be sure to give the status code and additional numbers to the service personnel.
- Some status codes are normal progress or completion messages; if the **Status Code** remains lit for more than 10 seconds, the code indicates an error. For an error, perform the appropriate actions.

## Status Codes

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<b>Base Status Code</b>	<b>Possible Additional Numbers / Explanation / Action</b>
392	<p><b>00HG</b> <i>A 3174 diskette error occurred.</i></p> <ul style="list-style-type: none"><li>• Remove the diskette and check that it is the correct diskette.</li><li>• Insert the diskette into the drive to start again.</li><li>• If the problem occurred during IML, then re-IML.</li></ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"><li>• Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li><li>• Request service for the control unit.</li></ul>
	<hr/> <p><b>01HG</b> <i>A 3174 diskette error occurred during the logging of records.</i></p> <ul style="list-style-type: none"><li>• Remove the Control diskette (usually in drive 1).</li><li>• Insert a duplicate Control diskette into the drive to start again.</li><li>• If the problem continues, re-IML.</li></ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"><li>• Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li><li>• Request service for the control unit.</li></ul>
	<hr/> <p><b>02HG</b> <i>A 3174 diskette error occurred during an online test.</i></p> <ul style="list-style-type: none"><li>• Remove the Control diskette (usually in drive 1).</li><li>• Insert a duplicate Control diskette into the drive to start again.</li><li>• If the problem continues, re-IML.</li></ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"><li>• Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li><li>• Request service for the control unit.</li></ul>

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- Re-IML means to try to make the control unit operational; refer to page 4-18supp. for the correct actions.
- When requesting service, be sure to give the status code and additional numbers to the service personnel.
- Some status codes are normal progress or completion messages; if the **Status Code** remains lit for more than 10 seconds, the code indicates an error. For an error, perform the appropriate actions.

Base Status Code	Possible Additional Numbers / Explanation / Action
392 (cont.)	<p><b>03HG and 04HG</b> <i>A 3174 diskette error was detected during an IML or customizing.</i></p> <ul style="list-style-type: none"> <li>• Remove the Control diskette (usually in drive 1).</li> <li>• Insert a duplicate Control diskette into the drive and re-IML to start again.</li> <li>• Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li> <li>• Request service for the control unit.</li> </ul> <hr/> <p><b>05HG</b> <i>A 3174 diskette error occurred during a Downstream Load (DSL) operation.</i></p> <ul style="list-style-type: none"> <li>• Remove the DSL diskette (usually in drive 2).</li> <li>• Insert a duplicate DSL diskette into the drive and power-on the Distributed Function Terminal to start again.</li> <li>• If the problem continues, re-IML.</li> </ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"> <li>• Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li> <li>• Request service for the control unit.</li> </ul> <hr/> <p><b>06HG</b> <i>A 3174 diskette error occurred during an online dump.</i></p> <ul style="list-style-type: none"> <li>• Remove the Dump diskette (usually in drive 1).</li> <li>• Insert a different Dump diskette into the drive and select the dump again.</li> <li>• If the problem continues, re-IML.</li> </ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"> <li>• Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li> <li>• Request service for the control unit.</li> </ul> <hr/> <p><b>07HG</b> <i>A 3174 diskette error occurred during diagnostics.</i></p> <ul style="list-style-type: none"> <li>• Remove the Utility diskette (usually in drive 1) and check that it really is the Utility diskette.</li> <li>• Insert a different Utility diskette into the drive, press <b>ENTER</b>, and select the test again.</li> <li>• If the problem continues, re-IML.</li> <li>• Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li> <li>• Request service for the control unit.</li> </ul> <hr/> <p><b>08HG</b> <i>A 3174 diskette error was detected during an offline dump, and the dump has been lost.</i></p> <ul style="list-style-type: none"> <li>• Initiate the dump again at the next microcode failure.</li> <li>• Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li> <li>• Request service for the control unit.</li> </ul>

- Re-IML means to try to make the control unit operational; refer to page 4-19upp. for the correct actions.
- When requesting service, be sure to give the status code and additional numbers to the service personnel.
- Some status codes are normal progress or completion messages; if the **Status Code** remains lit for more than 10 seconds, the code indicates an error. For an error, perform the appropriate actions.

## Status Codes

Base Status Code	Possible Additional Numbers / Explanation / Action
393	<p><b>00HG</b> <i>A 3174 diskette was changed.</i></p> <ul style="list-style-type: none"><li>• Remove the diskette and check that it is the correct diskette.</li><li>• Insert the correct diskette into the drive and close the drive lever.</li><li>• If the problem occurred during IML, then re-IML.</li></ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"><li>• Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li><li>• Request service for the control unit.</li></ul>
	<hr/> <p><b>01HG</b> <i>A 3174 diskette was changed during the logging of records.</i></p> <ul style="list-style-type: none"><li>• Remove the Control diskette (usually in drive 1) and check that it really is the Control diskette.</li><li>• Insert the correct diskette into the drive to start again.</li><li>• If the problem continues, re-IML.</li></ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"><li>• Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li><li>• Request service for the control unit.</li></ul>
	<hr/> <p><b>02HG</b> <i>A 3174 diskette was changed during an online test.</i></p> <ul style="list-style-type: none"><li>• Remove the Control diskette (usually in drive 1) and check that it really is the Control diskette.</li><li>• Insert the correct diskette into the drive and select the test again.</li><li>• If the problem continues, re-IML.</li></ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"><li>• Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li><li>• Request service for the control unit.</li></ul>

- Re-IML means to try to make the control unit operational; refer to page 4-20upp. for the correct actions.
- When requesting service, be sure to give the status code and additional numbers to the service personnel.
- Some status codes are normal progress or completion messages; if the Status Code remains lit for more than 10 seconds, the code indicates an error. For an error, perform the appropriate actions.

Base Status Code	Possible Additional Numbers / Explanation / Action
393 (cont.)	<p><b>03HG and 04HG</b> <i>A 3174 diskette was changed during an IML or customizing.</i></p> <ul style="list-style-type: none"> <li>• Remove the Control diskette (usually in drive 1) and check that it really is the Control diskette.</li> <li>• Insert the correct diskette into the drive and re-IML to start again.</li> <li>• Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li> <li>• Request service for the control unit.</li> </ul>
	<p><b>05HG</b> <i>A 3174 diskette was changed while a Downstream Load (DSL) was being tried.</i></p> <p>The DSL resumes automatically.</p>
	<p><b>06HG</b> <i>A 3174 diskette was changed during a Distributed Function Terminal dump.</i></p> <p>The dump resumes automatically.</p>
	<p><b>07HG</b> <i>A 3174 diskette was changed during diagnostics; the diagnostics have ended before completion.</i></p> <ul style="list-style-type: none"> <li>• Press <b>Enter</b> to obtain the 4001 prompt, and select the test again.</li> <li>• Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li> <li>• Request service for the control unit.</li> </ul>
	<p><b>08HG</b> <i>A 3174 diskette was changed during an offline dump, and the dump has been lost.</i></p> <ul style="list-style-type: none"> <li>• Initiate the dump again at the next microcode failure.</li> <li>• Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li> <li>• Request service for the control unit.</li> </ul>

- Re-IML means to try to make the control unit operational; refer to page 4-21upp. for the correct actions.
- When requesting service, be sure to give the status code and additional numbers to the service personnel.
- Some status codes are normal progress or completion messages; if the **Status Code** remains lit for more than 10 seconds, the code indicates an error. For an error, perform the appropriate actions.

## Status Codes

Base Status Code	Possible Additional Numbers / Explanation / Action
399	<p><b>01HG</b> <i>The 3174 is configured for ASCII, but the ASCII Adapter is not installed.</i></p> <p><b>Note:</b> The 3174 is operational but will not execute ASCII functions.</p> <ul style="list-style-type: none"><li>• Request help from your technical support group or help desk.</li></ul>
	<hr/> <p><b>03HG</b> <i>A 3174 diskette error occurred, and the ASCII Adapter was not initialized.</i></p> <p><b>Note:</b> The 3174 is operational but will not execute ASCII functions.</p> <ul style="list-style-type: none"><li>• Remove the diskette and check that it is the <b>3174 ASYNC Emulation Adapter</b> diskette.</li><li>• Insert this diskette into the drive.</li><li>• Re-IML.</li></ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"><li>• Request help from your technical support group or help desk.</li></ul>
	<hr/> <p><b>04HG</b> <i>A 3174 diskette error occurred. The Control diskette is not compatible with the level of the 3174 ASYNC Emulation Adapter diskette.</i></p> <p><b>Note:</b> The 3174 is operational but will not execute ASCII functions.</p> <ul style="list-style-type: none"><li>• Obtain a Control diskette that is compatible with the <b>3174 ASYNC Emulation Adapter</b> diskette.</li><li>• Insert this Control diskette into the drive.</li><li>• Re-IML.</li></ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"><li>• Request help from your technical support group or help desk.</li></ul>
	<hr/> <p><b>05HG</b> <i>The 3174 is still operational; however, the 3270 Terminal Adapter is missing, defective, or not properly installed.</i></p> <ul style="list-style-type: none"><li>• If you need to use the 3270 terminals, re-IML.</li></ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"><li>• Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li><li>• Request service for the control unit.</li></ul>
	<hr/> <p><b>06HG</b> <i>A 3174 diskette containing ASYNC Emulation Adapter code was not found.</i></p> <p><b>Note:</b> The 3174 is operational but will not execute ASCII functions.</p> <ul style="list-style-type: none"><li>• Check that the diskettes are labeled <b>Control Diskette</b> and <b>3174 ASYNC Emulation Adapter Diskette</b>.</li><li>• Insert the correct diskettes into the drives.</li><li>• Re-IML.</li></ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"><li>• Request help from your technical support group or help desk.</li></ul>

- Re-IML means to try to make the control unit operational; refer to page 2-17 for the correct actions.
- When requesting service, be sure to give the status code and additional numbers to the service personnel.
- Some status codes are normal progress or completion messages; if the **Status Code** remains lit for more than 10 seconds, the code indicates an error. For an error, perform the appropriate actions.

Base Status Code	Possible Additional Numbers / Explanation / Action
399 (cont.)	<p><b>07HG</b> <i>Certain 3174 terminal users may not be able to access all the sessions that were configured.</i></p> <p><b>Note:</b> Additional storage is required.</p> <ul style="list-style-type: none"> <li>• Request help from your technical support group or help desk.</li> </ul>
	<p><b>08HG</b> <i>A missing or disconnected ASCII Adapter cable.</i></p> <ul style="list-style-type: none"> <li>• Connect or replace the adapter cable.</li> <li>• Request service for the control unit.</li> </ul>
	<p><b>09HG</b> <i>IML hardware configuration failure.</i></p> <p>A Terminal Multiplexer Adapter (TMA) is installed but does not appear to be connected to a Terminal Adapter port.</p> <ol style="list-style-type: none"> <li>1. Press <b>Advance</b> twice – the first two digits in the <b>Status</b> display (after pressing of <b>Advance</b> twice) identify the card location number of the affected TMA. Repeat this procedure, recording the first two digits that appear in the <b>Status</b> display, until the <b>Status</b> display is blank.</li> <li>2. Press the latch-release pushbutton on the left-center edge of the front door, and open the door (refer to Figure 2-1 on page 2-2, if necessary).</li> <li>3. Make sure that the jumper cables are correctly connected both to the Terminal Adapter (card location 22 [L models] or 23 [R models]) and to the top coaxial connector on the associated TMAs (possible card locations are 15, 16, 11 or 23, and 12, 17, and 24).</li> <li>4. To proceed with the IML, and to bring up those terminals that are not connected to the affected TMA(s), press <b>1</b> on the operator panel, and then press <b>Enter</b> (Continue function).</li> <li>5. Request service for the control unit.</li> </ol>
	<p><b>10HG</b> <i>A customization error occurred during IML.</i></p> <p>No action is required; the control unit is operational.</p>
401 – 420	<p><i>Host programming error.</i></p> <ul style="list-style-type: none"> <li>• Press <b>RESET</b> at the affected terminal.</li> <li>• Try the operation again.</li> <li>• If the session is terminated, initiate the session again.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
421	<p><i>Program check; noncryptographic sessions may still be run.</i></p> <ul style="list-style-type: none"> <li>• Press <b>RESET</b> at the affected terminal.</li> <li>• Follow local logon and logoff procedures to establish a noncryptographic session.</li> <li>• Perform the actions given for the status codes displayed.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
422 – 435	<p><i>Host programming error.</i></p> <ul style="list-style-type: none"> <li>• No recovery required at the control unit or terminals. The session may have to be reinitiated by the host application program.</li> <li>• If the problem continues, call your host programmer.</li> </ul>

- **Re-IML** means to try to make the control unit operational; refer to page 4-23upp. for the correct actions.
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- Some status codes are normal progress or completion messages; if the **Status Code** remains lit for more than 10 seconds, the code indicates an error. For an error, perform the appropriate actions.

## Status Codes

<b>Base Status Code</b>	<b>Possible Additional Numbers / Explanation / Action</b>
436	<i>Informational message: a late signal request or a stray response was received.</i> No action required.
437 – 499	<i>Host programming error.</i> <ul style="list-style-type: none"><li>• No recovery required at the control unit or terminals. The session may have to be reinitiated by the host application program. If the problem continues, call your host programmer.</li></ul>
500	No action is required, because communication is available.
501	<i>Data communication equipment failure. Wait for the condition to clear.</i> <ul style="list-style-type: none"><li>• If the problem continues, check that the modem is turned on.</li><li>• Check that the control unit/modem cable is connected.</li><li>• Do an Alt 2 IML (refer to “Alt 2 IML Tests” on page 3-108). <b>Warning:</b> An IML disrupts all operating terminals.</li><li>• Run the Communication Cable Wrap Test (refer to “Communication Adapter and Communication Cable Test” on page 3-110).</li><li>• Request service for the control unit.</li></ul>
503	<i>The Channel Interface switch is offline.</i> <ul style="list-style-type: none"><li>• Restore the <b>Channel Interface</b> switch to the <b>Online</b> position.</li><li>• If the problem continues, do an Alt 2 IML (refer to “Alt 2 IML Tests” on page 3-108).</li><li>• If the problem continues, request service for the control unit.</li></ul>

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Base Status Code	Possible Additional Numbers / Explanation / Action
504	<p><b>01HG</b> <i>Disconnected from the line.</i></p> <p>To recover:</p> <ul style="list-style-type: none"> <li>• Establish the connection again.</li> </ul> <hr/> <p><b>02HG</b> <i>Disconnect received.</i></p> <ul style="list-style-type: none"> <li>• Wait for the condition to clear.</li> <li>• If the condition continues, request help from your technical support group or help desk.</li> </ul> <hr/> <p><b>03HG</b> <i>Normal X.21 initialization sequence.</i></p> <ul style="list-style-type: none"> <li>• Wait for the incoming call, or initiate a call.</li> </ul> <hr/> <p><b>04HG – 06HG</b> <i>X.21 problem: exceeded the maximum number of retries.</i></p> <ul style="list-style-type: none"> <li>• Call again.</li> </ul> <hr/> <p><b>07HG</b> <i>X.21 equipment error has been cleared.</i></p> <ul style="list-style-type: none"> <li>• Wait for the incoming call, or initiate a call.</li> </ul> <hr/> <p><b>08HG</b> <i>X.21 time-out.</i></p> <ul style="list-style-type: none"> <li>• Validate the status of the X.21 network.</li> </ul> <hr/> <p><b>09HG</b> <i>X.21 problem: Write Halt.</i></p> <ul style="list-style-type: none"> <li>• Record the operator panel Status display or the Communications Check number from the terminal display.</li> <li>• Use the EXT, DISC keys at the primary dial terminal to return to <b>Call Ready</b> mode.</li> <li>• Dial again.</li> <li>• Request help from your technical support group or help desk.</li> </ul> <hr/> <p><b>10HG</b> <i>X.21 problem: invalid selection sequence.</i></p> <ul style="list-style-type: none"> <li>• Record the operator panel Status display or the Communications Check number from the terminal display.</li> <li>• Use the EXT, DISC keys at the primary dial terminal to return to <b>Call Ready</b> mode.</li> <li>• Dial again.</li> <li>• Request help from your technical support group or help desk.</li> </ul> <hr/> <p><b>11HG</b> <i>Disconnect received on a nonswitched line. This disconnection was intended for a station attached to the Token-Ring.</i></p> <p>Try to reestablish the connection.</p>
505	<p><i>Host connection condition.</i></p> <ul style="list-style-type: none"> <li>• Wait for the condition to clear.</li> <li>• Call the host system support if the problem continues.</li> </ul>

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## Status Codes

Base Status Code	Possible Additional Numbers / Explanation / Action
506	<p><i>The 3174 is in the process of connecting to the X.25 network.</i></p> <ul style="list-style-type: none"> <li>• Wait for the condition to clear.</li> <li>• If the condition continues, request help from your technical support group or help desk.</li> </ul>
513	<p><i>Communication status (X.25 call not completed).</i></p> <ul style="list-style-type: none"> <li>• If you were trying an outgoing call, try the call again.</li> <li>• If an outgoing call was not tried, wait for the X.25 network to recover.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
531, 532	<p><i>Temporary host communication condition.</i></p> <ul style="list-style-type: none"> <li>• Wait for the condition to clear.</li> <li>• If the condition continues, request help from your technical support group or help desk.</li> </ul>
533	<p><b>01HG</b> <i>X.25 Clear Packet was sent.</i></p> <p>To recover:</p> <ul style="list-style-type: none"> <li>• If outgoing calls are allowed, then initiate an outgoing call.</li> <li>• If outgoing calls are not allowed, then wait for an incoming call to reopen the circuit.</li> </ul> <hr/> <p><b>02HG</b> <i>X.25 Reset Packet was sent.</i></p> <ul style="list-style-type: none"> <li>• Wait for the condition to clear.</li> <li>• If the condition continues, request help from your technical support group or help desk.</li> </ul> <hr/> <p><b>03HG</b> <i>X.25 Restart Packet was sent.</i></p> <ul style="list-style-type: none"> <li>• Wait for the condition to clear.</li> <li>• If the condition continues, request help from your technical support group or help desk.</li> </ul> <hr/> <p><b>04HG</b> <i>X.25 Clear Packet was received.</i></p> <ul style="list-style-type: none"> <li>• If outgoing calls are allowed, then initiate an outgoing call.</li> <li>• If outgoing calls are not allowed, then wait for an incoming call to reopen the circuit.</li> </ul> <hr/> <p><b>05HG and 06HG</b> <i>X.25 Reset or Restart Packet was received.</i></p> <ul style="list-style-type: none"> <li>• Wait for the condition to clear.</li> <li>• If the condition continues, request help from your technical support group or help desk.</li> </ul>
540	<p><i>Communication status.</i></p> <ul style="list-style-type: none"> <li>• Press RESET.</li> <li>• Try the operation again.</li> <li>• Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li> </ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"> <li>• Request help from your technical support group or help desk.</li> </ul>
541	<p><i>Communication status; manual intervention required at attached display station or printer.</i></p> <p>Check to see that the display station is on, the security key is not locked, or the printer has paper.</p>

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Base Status Code	Possible Additional Numbers / Explanation / Action
550	<i>X.25 exception conditions.</i> No action is required at the control unit or at the terminals.
551	<i>X.25 information messages.</i> No action is required at the control unit or at the terminals.
553	<i>X.21/X.25 call establishment.</i> No action is required at the control unit or at the terminals.
560, 561	<i>X.21 communication status.</i> Wait for the condition to clear.
562	<b>01HG</b> <i>The X.21 'call progress' signal has been received</i> Try the call again.
	<b>02HG</b> <i>The X.21 network is not ready.</i> No action is required at the control unit or at the terminals.
	<b>03HG</b> <i>X.21 clear time-out.</i> Wait for the condition to clear.
563	<i>X.21 error condition.</i> <ul style="list-style-type: none"> <li>• Check the dial numbers of the Primary and of the 3174.</li> <li>• Use the EXT, DISC keys at the terminal to return to call-ready state.</li> <li>• Dial again.</li> <li>• Request service for the control unit.</li> </ul>

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## Status Codes

Base Status Code	Possible Additional Numbers / Explanation / Action
580	<p><b>01HG – 03HG</b> <i>A failure occurred during the initialization of the Token-Ring Adapter.</i></p> <ul style="list-style-type: none"><li>• Re-IML.</li></ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"><li>• Do an Alt 2 IML (refer to “Alt 2 IML Tests” on page 3-108).</li><li>• Do the Token-Ring Adapter wrap test.</li><li>• Request help from your technical support group or help desk.</li></ul>
	<hr/> <p><b>04HG</b> <i>A failure occurred during the initialization of the Token-Ring Adapter.</i></p> <ul style="list-style-type: none"><li>• Re-IML.</li></ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"><li>• Request help from your technical support group or help desk.</li></ul>
	<hr/> <p><b>05HG – 07HG</b> <i>A failure occurred during the initialization of the Token-Ring Adapter.</i></p> <ul style="list-style-type: none"><li>• Re-IML.</li></ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"><li>• Do an Alt 2 IML (refer to “Alt 2 IML Tests” on page 3-108).</li><li>• Do the Token-Ring Adapter wrap test.</li><li>• Request help from your technical support group or help desk.</li></ul>
	<hr/> <p><b>08HG</b> <i>The Token-Ring is inoperative.</i></p> <p>Request help from your technical support group or help desk.</p>
	<hr/> <p><b>58HG</b> <i>A temporary Token-Ring error occurred.</i></p> <p>If the failure continues, request help from your technical support group or help desk.</p>
581	<p><i>The Token-Ring Adapter detected a duplicate adapter address on the ring.</i></p> <p>A unique address must be assigned to each adapter on the ring. If the address for the 3174 must be changed, the control unit must be reconfigured.</p>
583	<p><b>02HG</b> <i>A Frame Reject (FRMR) was sent because an unacceptable Token-Ring frame was received.</i></p> <p>No action is required.</p>
	<hr/> <p><b>03HG</b></p> <ul style="list-style-type: none"><li>• Contact the host operator to return the link(s) to service.</li><li>• Request help from your technical support group or help desk.</li></ul>
	<hr/> <p><b>04HG – 08HG</b></p> <p>No action is required.</p>
	<hr/> <p><b>09HG</b> <i>Link recovery was unsuccessful.</i></p> <ul style="list-style-type: none"><li>• Contact the host operator to return the link(s) to service.</li><li>• Request help from your technical support group or help desk.</li></ul>

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Base Status Code	Possible Additional Numbers / Explanation / Action
584	<p><i>A Token-Ring Adapter counter overflowed.</i></p> <ul style="list-style-type: none"> <li>• No actions are required if the control unit is operating normally. If the control unit is not operating normally, go to the next step.</li> <li>• Do an Alt 2 IML (refer to “Alt 2 IML Tests” on page 3-108).</li> </ul> <p><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul style="list-style-type: none"> <li>• Request help from your technical support group or help desk.</li> </ul>
590	<p><i>Communication problem at the Distributed Function Terminal.</i></p> <ul style="list-style-type: none"> <li>• Switch terminal power off, then on.</li> <li>• Refer to the terminal Problem Determination Guide.</li> <li>• Perform the terminal problem determination procedures.</li> </ul>
599	<p><i>Communication status (Local mode).</i></p> <p>Press the COMM key at the affected terminal to exit local mode.</p>
600 – 699	<p><b>1X Permanent machine check detected by a DFT.</b></p> <p>Refer to the terminal Problem Determination Guide.</p> <hr/> <p><b>5X Temporary machine check detected by a DFT.</b></p> <p>Refer to the terminal Problem Determination Guide.</p>
700 – 799	<p><i>Program check detected by a DFT.</i></p> <p>Refer to the terminal Problem Determination Guide.</p>
802	<p><b>01HG Not authorized to access another host from the Connection Menu.</b></p> <p>Change customization to authorize access, or select the default host.</p> <hr/> <p><b>02HG – 05HG A temporary condition is blocking your request.</b></p> <p>Wait for a few minutes and try again.</p> <hr/> <p><b>06HG The PF3 (Quit) key was pressed, but the previous host to return to does not exist.</b></p> <p>Select a host for your return request.</p> <hr/> <p><b>07HG</b></p> <p>The port connection you request already exists.</p> <hr/> <p><b>08HG A printer powered off because it could not connect to the host.</b></p> <ul style="list-style-type: none"> <li>• Wait for a few minutes and power on. Keep trying this until a connection is made to the host.</li> <li>• If the condition continues, request help from your technical support group or help desk.</li> </ul>

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## Status Codes

Base Status Code	Possible Additional Numbers / Explanation / Action
803	<p><b>01HG</b> <i>The wrong keyboard was used with the 3270 terminal in session with the ASCII host.</i></p> <p>Use one of these supported keyboards:</p> <ul style="list-style-type: none"><li>• US English Typewriter keyboards</li><li>• APL keyboards</li><li>• Text keyboards</li></ul>
	<hr/> <p><b>02HG – 03HG</b></p> <p>Make sure that you are using the correct entry from the Connection Menu.</p>
	<hr/> <p><b>04HG</b> <i>An invalid key was pressed.</i></p> <ul style="list-style-type: none"><li>• Try again.</li><li>• If the message is repeated, check the keyboard map found in the <i>Terminal User's Guide</i>, GA23-0332.</li><li>• Request help from your technical support group or help desk.</li></ul>
804	<p><i>A timeout occurred in the ASCII Adapter.</i></p> <ul style="list-style-type: none"><li>• Wait and try again.</li><li>• If this message recurs, request help from your technical support group or help desk.</li></ul>
805	<p><i>An incorrect password was used.</i></p> <p>Follow the local recovery procedures.</p>
806	<p><i>An ASCII buffer has overrun.</i></p> <p>Request help from your technical support group or help desk.</p>
807 and 808	<p><i>The ASCII Adapter has timed out.</i></p> <ul style="list-style-type: none"><li>• Make sure that the terminal is turned on and its cable is connected.</li><li>• Verify that the ASCII port type was customized correctly.</li><li>• Use Test 12, Option 1,2 (refer to “Procedure H – All Connections to ASCII Adapter Are Failing” on page 3-57) to perform the AEA Port Wrap Test on the ASCII Adapter port (HG and port) indicated in the terminal message.</li><li>• Request help from your technical support group or help desk.</li></ul>
809	<p><i>The ASCII Adapter was disconnected from the terminal or host.</i></p> <p><b>Note:</b> If this was a normal disconnect from the ASCII host, no action is required.</p> <ul style="list-style-type: none"><li>• Make sure that the terminal is turned on and its cable is connected.</li><li>• Use Test 12, Option 1,2 (refer to “Procedure H – All Connections to ASCII Adapter Are Failing” on page 3-57) to perform the AEA Port Wrap Test on the ASCII Adapter port (HG and port) indicated in the terminal message.</li><li>• Request help from your technical support group or help desk.</li></ul>

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810	<p><i>The ASCII Adapter was disconnected from the terminal or host.</i></p> <p><b>Note:</b> If this was a normal logoff procedure from the ASCII host, no action is required.</p> <ul style="list-style-type: none"> <li>• Make sure that the terminal is turned on and its cable is connected.</li> <li>• Check the phone connection.</li> <li>• Verify that the modem cabling is correct.</li> <li>• Use Test 12, Option 1,2 (refer to “Procedure H – All Connections to ASCII Adapter Are Failing” on page 3-57) to perform the AEA Port Wrap Test on the ASCII Adapter port (HG and port) indicated in the terminal message.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
811	<p><i>The ASCII Adapter has not received a <b>Ready</b> signal from the modem.</i></p> <ul style="list-style-type: none"> <li>• Make sure that the correct modem is installed and properly set up, and that the modem cabling is correct.</li> <li>• Make sure that the control unit is properly customized for the modem.</li> <li>• Run the modem manufacturer’s diagnostic tests.</li> <li>• Use Test 12, Option 1,2 (refer to “Procedure H – All Connections to ASCII Adapter Are Failing” on page 3-57) to perform the AEA Port Wrap Test on the ASCII Adapter port (HG and port) indicated in the terminal message.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
812	<p><i>The ASCII Adapter has exhausted connection retries.</i></p> <ul style="list-style-type: none"> <li>• Make sure that the correct modem is installed and properly set up, and that the modem cabling is correct.</li> <li>• Call the host number on a voice phone to check the remote modem.</li> <li>• Make sure that the dial digits, specified during customization, are correct.</li> <li>• Use Test 12, Option 1,2 (refer to “Procedure H – All Connections to ASCII Adapter Are Failing” on page 3-57) to perform the AEA Port Wrap Test on the ASCII Adapter port (HG and port) indicated in the terminal message.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
813	<p><i>The modem has received an invalid command from the ASCII Adapter.</i></p> <ul style="list-style-type: none"> <li>• Make sure that the correct modem is installed and properly set up, and that the modem cabling is correct.</li> <li>• Make sure that the control unit is properly customized for the modem.</li> <li>• Make sure that the dial digits, specified during customization, conform to the modem requirements. Include pauses in the Dial String if they are required to allow for intermediate dial tones.</li> <li>• Run the modem manufacturer’s diagnostic tests.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
814	<p><i>The ASCII Adapter has not received a Character Echo from the modem.</i></p> <ul style="list-style-type: none"> <li>• Make sure that the correct modem is installed and properly set up, and that the modem cabling is correct.</li> <li>• Make sure that the modem matches the type specified during customization.</li> <li>• Run the modem manufacturer’s diagnostic tests.</li> <li>• Use Test 12, Option 1,2 (refer to “Procedure H – All Connections to ASCII Adapter Are Failing” on page 3-57) to perform the AEA Port Wrap Test on the ASCII Adapter port (HG and port) indicated in the terminal message.</li> <li>• Request help from your technical support group or help desk.</li> </ul>

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## Status Codes

Base Status Code	Possible Additional Numbers / Explanation / Action
815	<p><i>A call came in while an outgoing call was in progress.</i></p> <ul style="list-style-type: none"><li>• Retry the call.</li><li>• Make sure that the modem cabling is correct.</li><li>• Run the modem manufacturer's diagnostic tests.</li><li>• Use Test 12, Option 1,2 (refer to "Procedure H – All Connections to ASCII Adapter Are Failing" on page 3-57) to perform the AEA Port Wrap Test on the ASCII Adapter port (HG and port) indicated in the terminal message.</li><li>• Request help from your technical support group or help desk.</li></ul>
816	<p><i>A 3174 ASCII Adapter received an incoming call, but the answering sequence was not completed.</i></p> <ul style="list-style-type: none"><li>• Make sure that the modem cabling is correct.</li><li>• Run the modem manufacturer's diagnostic tests.</li><li>• Use Test 12, Option 1,2 (refer to "Procedure H – All Connections to ASCII Adapter Are Failing" on page 3-57) to perform the AEA Port Wrap Test on the ASCII Adapter port (HG and port) indicated in the terminal message.</li><li>• Request help from your technical support group or help desk.</li></ul>
817	<p><i>An ASCII status counter overflowed.</i></p> <ul style="list-style-type: none"><li>• Use the Refresh Sequence (see the keyboard map) to request retransmission.</li><li>• Make sure that the parity and the number of stop bits were specified correctly during customization.</li><li>• Make sure that the modem cabling is correct.</li><li>• Run the modem manufacturer's diagnostic tests.</li><li>• Use Test 12, Option 1,2 (refer to "Procedure H – All Connections to ASCII Adapter Are Failing" on page 3-57) to perform the AEA Port Wrap Test on the ASCII Adapter port (HG and port) indicated in the terminal message.</li><li>• Request help from your technical support group or help desk.</li></ul>
818	<p><i>The <b>Break</b> key was pressed, and the session was disconnected.</i></p> <ul style="list-style-type: none"><li>• There is no recovery action.</li></ul> <p>A new connection may be requested.</p>
819	<p><i>The ASCII Adapter could not reset the modem.</i></p> <ul style="list-style-type: none"><li>• Make sure that the correct modem is installed and properly set up, and that the modem cabling is correct.</li><li>• Make sure that the control unit is properly customized for the modem.</li><li>• Run the modem manufacturer's diagnostic tests.</li><li>• Use Test 12, Option 1,2 (refer to "Procedure H – All Connections to ASCII Adapter Are Failing" on page 3-57) to perform the AEA Port Wrap Test on the ASCII Adapter port (HG and port) indicated in the terminal message.</li><li>• Request help from your technical support group or help desk.</li></ul>

- Re-IML means to try to make the control unit operational; refer to page 2-17 for the correct actions.
- When requesting service, be sure to give the status code and additional numbers to the service personnel.
- Some status codes are normal progress or completion messages; if the **Status Code** remains lit for more than 10 seconds, the code indicates an error. For an error, perform the appropriate actions.



Base Status Code	Possible Additional Numbers / Explanation / Action
820	<p data-bbox="381 296 820 321"><i>An ASCII Adapter communications error.</i></p> <ul data-bbox="397 342 1490 493" style="list-style-type: none"> <li>• Use Test 12, Option 1,2 (refer to “Procedure H – All Connections to ASCII Adapter Are Failing” on page 3-57) to perform the AEA Port Wrap Test on the ASCII Adapter port (HG and port) indicated in the terminal message.</li> <li>• Run the modem manufacturer’s diagnostic tests.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
821	<p data-bbox="381 510 1242 535"><b>10HG</b> <i>The session was dropped because the ASCII Adapter bit rate was exceeded.</i></p> <ul data-bbox="397 556 1209 678" style="list-style-type: none"> <li>• If the port type is Direct or Nonswitched, press the Carriage-Return key.</li> <li>• If the port type is Switched, dial again.</li> <li>• If the problem continues, power the terminal <b>OFF</b> and <b>ON</b>.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
	<p data-bbox="381 709 1242 735"><b>20HG</b> <i>The session was dropped because the ASCII Adapter bit rate was exceeded.</i></p> <ul data-bbox="397 756 1088 825" style="list-style-type: none"> <li>• Select a host from the Connection Menu.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
880	<p data-bbox="381 835 1291 861"><b>01HG – 03HG</b> <i>A failure occurred during the initialization of the Token-Ring Adapter.</i></p> <ul data-bbox="397 882 1096 945" style="list-style-type: none"> <li>• Contact the host operator to return the link(s) to service.</li> <li>• Do an Alt 2 IML (refer to “Alt 2 IML Tests” on page 3-108).</li> </ul> <p data-bbox="430 955 982 980"><b>Warning:</b> An IML disrupts all operating terminals.</p> <ul data-bbox="397 1001 1388 1098" style="list-style-type: none"> <li>• Do the Token-Ring Adapter wrap test (refer to “Token-Ring Adapter and Cable Test” on page 3-114)</li> <li>• Request help from your technical support group or help desk.</li> </ul>
	<p data-bbox="381 1119 1193 1144"><b>04HG</b> <i>A failure occurred during the initialization of the Token-Ring Adapter.</i></p> <p data-bbox="381 1165 1047 1190">Request help from your technical support group or help desk.</p>
	<p data-bbox="381 1213 1291 1239"><b>05HG – 07HG</b> <i>A failure occurred during the initialization of the Token-Ring Adapter.</i></p> <ul data-bbox="397 1260 1096 1386" style="list-style-type: none"> <li>• Contact the host operator to return the link(s) to service.</li> <li>• Do an Alt 2 IML (refer to “Alt 2 IML Tests” on page 3-108).</li> <li>• Do the Token-Ring Adapter wrap test.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
	<p data-bbox="381 1413 1031 1438"><b>08HG</b> <i>The Token-Ring is inoperative – permanent beaconing.</i></p> <p data-bbox="381 1459 1047 1484">Request help from your technical support group or help desk.</p>
	<p data-bbox="381 1507 446 1533"><b>58HG</b></p> <p data-bbox="381 1543 1031 1568"><i>A temporary beaconing condition occurred on the Token-Ring.</i></p> <p data-bbox="381 1589 1291 1614">If the failure continues, request help from your technical support group or help desk.</p>
881	<p data-bbox="381 1633 1161 1659"><i>The Token-Ring Adapter detected a duplicate adapter address on the ring.</i></p> <p data-bbox="381 1680 1453 1732">A unique address must be assigned to each adapter on the ring. If the address for the 3174 must be changed, the control unit has to be configured again.</p>

- Re-IML means to try to make the control unit operational; refer to page 2-17 for the correct actions.
- When requesting service, be sure to give the status code and additional numbers to the service personnel.
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## Status Codes

<b>Base Status Code</b>	<b>Possible Additional Numbers / Explanation / Action</b>
883	<p><b>01HG</b> <i>The gateway address or the Token-Ring Adapter address is invalid.</i></p> <p>Contact the system programmer.</p>
	<p><b>02HG – 08HG</b></p> <ul style="list-style-type: none"><li>• Contact the host operator to return the link(s) to service.</li><li>• If the failure continues, request help from your technical support group or help desk.</li></ul>
	<p><b>60HG</b></p> <p>If the control unit is not working correctly, request help from your technical support group or help desk.</p>
884	If the control unit is not working correctly, request help from your technical support group or help desk.
890	<p><i>The Ring Error Monitor has detected a problem.</i></p> <p>Request help from your technical support group or help desk.</p>
1001, 1002	<p><i>IML microcode failure.</i></p> <ul style="list-style-type: none"><li>• Insert the backup Control or Utility diskette.</li><li>• Re-IML.</li><li>• Request help from your technical support group or help desk.</li></ul>
1003, 1004	<p><i>IML hardware failure: diskette or diskette drive.</i></p> <ul style="list-style-type: none"><li>• Insert the backup Control or Utility diskette.</li><li>• Re-IML.</li><li>• Request help from your technical support group or help desk.</li></ul>
1005	<p><i>An Alt 1 IML was performed, using a diskette other than the Control or Utility diskette.</i></p> <ul style="list-style-type: none"><li>• Insert the correct Control or Utility diskette.</li><li>• Correct the Alt 1 IML diskette selection parameter.</li><li>• Re-IML.</li><li>• Request help from your technical support group or help desk.</li></ul>
1011	<p><i>IML microcode failure.</i></p> <ul style="list-style-type: none"><li>• Insert the backup Control or Utility diskette.</li><li>• Re-IML.</li><li>• Request help from your technical support group or help desk.</li></ul>
1048 – 1058	<p><i>IML hardware failure.</i></p> <ul style="list-style-type: none"><li>• Re-IML.</li><li>• Request service for the control unit.</li></ul>
1060 – 1079	<p><i>IML hardware or microcode failure.</i></p> <ul style="list-style-type: none"><li>• Insert the backup Control or Utility diskette.</li><li>• Re-IML.</li><li>• Request service for the control unit.</li></ul>

- Re-IML means to try to make the control unit operational; refer to page 2-17 for the correct actions.
- When requesting service, be sure to give the status code and additional numbers to the service personnel.
- Some status codes are normal progress or completion messages; if the **Status Code** remains lit for more than 10 seconds, the code indicates an error. For an error, perform the appropriate actions.

Base Status Code	Possible Additional Numbers / Explanation / Action
2001 – 2087	<i>The offline test was completed successfully.</i> At the operator panel, press Enter for the 4001 prompt, or do an IML to exit testing mode.
21HG	<i>Offline test in progress. A failure occurred if the status code does not change for more than 10 seconds.</i> <b>Note:</b> 21HG will alternate with 22HG during the running of this test. <ul style="list-style-type: none"> <li>• Re-IML and try the test again.</li> <li>• Request service for the control unit.</li> </ul>
22HG	<i>Offline test in progress; a failure occurred if the status code does not change for more than 10 seconds.</i> <b>Note:</b> 22HG will alternate with 21HG during the running of this test. <ul style="list-style-type: none"> <li>• Re-IML and try the test again.</li> <li>• Request service for the control unit.</li> </ul>
2587	<i>Offline tests from a Control diskette have been completed successfully.</i> <b>Note:</b> Not all offline tests are on the Control diskette. <b>Use the Utility diskette to run a complete set of tests.</b> Re-IML to exit test mode.
2901 – 2987	<i>Offline test hardware failure.</i> <ul style="list-style-type: none"> <li>• Keep pressing the <b>Advance</b> key until the display is blank, and record all the numbers that appeared in the <b>Status</b> display each time you pressed the key.</li> <li>• Request service for the control unit.</li> </ul>
3001 – 3012	<i>Offline test hardware failure.</i> <ul style="list-style-type: none"> <li>• Keep pressing the <b>Advance</b> key until the display is blank, and record all the numbers that appeared in the <b>Status</b> display each time you pressed the key.</li> <li>• Request service for the control unit.</li> </ul>
3020 – 3025	<i>Offline test hardware failure: diskette drive or media.</i> <ul style="list-style-type: none"> <li>• Install another Utility diskette in drive 1, and then another Control diskette in drive 2, and try the test again.</li> <li>• Request service for the control unit.</li> </ul>

- Re-IML means to try to make the control unit operational; refer to page 2-17 for the correct actions.
- When requesting service, be sure to give the status code and additional numbers to the service personnel.
- Some status codes are normal progress or completion messages; if the **Status Code** remains lit for more than 10 seconds, the code indicates an error. For an error, perform the appropriate actions.

## Status Codes

Base Status Code	Possible Additional Numbers / Explanation / Action
3030	<p><b>01HG</b> <i>Offline test modem wrap failure.</i></p> <ul style="list-style-type: none"><li>• Keep pressing the <b>Advance</b> key until the display is blank, and record all the numbers that appeared in the <b>Status</b> display each time you pressed the key.</li><li>• Perform the Communication Cable Wrap Test (refer to “Communication Adapter and Communication Cable Test” on page 3-110).</li><li>• Request help from your technical support group or help desk.</li></ul>
	<p><b>02HG</b> <i>Offline test communication cable wrap failure: A cable is not connected.</i></p> <ul style="list-style-type: none"><li>• Verify that the cable is a valid 3174 communication cable. Valid cable part numbers are 6168155, 6423153, 6423155, 6423157, 6423325, and 6423326.</li><li>• Verify that the cable is correctly attached.</li><li>• Try the test again.</li><li>• Request help from your technical support group or help desk.</li></ul>
	<p><b>03HG</b> <i>Offline test communication cable wrap failure: An incorrect cable is connected to a Type 2 Communication Adapter.</i></p> <ul style="list-style-type: none"><li>• Connect the Type 2 cable to the Type 2 Communication Adapter. Refer to “Communication Adapter and Communication Cable Test” on page 3-110 for the port numbers.</li><li>• Request help from your technical support group or help desk.</li></ul>
	<p><b>04HG</b> <i>Offline test communication cable wrap failure: An incorrect cable is connected to a Type 1 Communication Adapter.</i></p> <ul style="list-style-type: none"><li>• Connect the Type 1 cable to the Type 1 Communication Adapter. Refer to “Communication Adapter and Communication Cable Test” on page 3-110 for the port numbers.</li><li>• Request help from your technical support group or help desk.</li></ul>
	<p><b>2xHG</b></p> <p><b>Note:</b> Make sure that the cable switches are set to test.</p> <ul style="list-style-type: none"><li>• Keep pressing the <b>Advance</b> key until the display is blank, and record all the numbers that appeared in the <b>Status</b> display each time you pressed the key.</li><li>• Request service for the control unit.</li></ul>

- Re-IML means to try to make the control unit operational; refer to page 2-17 for the correct actions.
- When requesting service, be sure to give the status code and additional numbers to the service personnel.
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Base Status Code	Possible Additional Numbers / Explanation / Action
3040	<p><b>01HG PN00</b> <i>Terminal Adapter port failed an offline wrap test.</i> (PN = Terminal Adapter port number)</p> <p><b>Note:</b> Make sure that the cable was disconnected from the port being tested.</p> <ul style="list-style-type: none"> <li>• Keep pressing the <b>Advance</b> key until the display is blank, and record all the numbers that appeared in the <b>Status</b> display each time you pressed the key.</li> <li>• Request service for the control unit.</li> </ul> <hr/> <p><b>02HG PNMP</b> <i>TMA/3299 port failed an offline wrap test.</i> (PN = Terminal Adapter port number) (MP = Multiplexer port number)</p> <p><b>Note:</b> Make sure that the cable was disconnected from the port being tested.</p> <ul style="list-style-type: none"> <li>• Request help from your technical support group or help desk.</li> </ul>
3041	<p><i>Terminal Adapter path test to a terminal has failed.</i></p> <p><b>Note:</b> Make sure that the terminal is turned on.</p> <ul style="list-style-type: none"> <li>• Check the connection between the terminal and the 3174. Refer to “3270 Terminal Connection Problems” on page 3-13.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
3042	<p><b>01HG PN00</b> <i>Offline display/printer Exerciser test failure (path was direct).</i> (PN = Terminal Adapter port number)</p> <ul style="list-style-type: none"> <li>• Refer to the display/printer Problem Determination Guide.</li> <li>• Request help from your technical support group or help desk.</li> </ul> <hr/> <p><b>02HG PNMP</b> <i>Offline Display/Printer Exerciser test failure (path through TMA/3299).</i> (PN = Terminal Adapter port number) (MP = Multiplexer port number)</p> <ul style="list-style-type: none"> <li>• Refer to the display/printer Problem Determination Guide.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
3043	<p><i>Terminal Adapter has failed.</i></p> <ul style="list-style-type: none"> <li>• Keep pressing the <b>Advance</b> key until the display is blank, and record all the numbers that appeared in the <b>Status</b> display each time you pressed the key.</li> <li>• <b>Re-IML.</b></li> <li>• Request service for the control unit.</li> </ul>

- **Re-IML** means to try to make the control unit operational; refer to page 2-17 for the correct actions.
- When requesting service, be sure to give the status code and additional numbers to the service personnel.
- Some status codes are normal progress or completion messages; if the **Status Code** remains lit for more than 10 seconds, the code indicates an error. For an error, perform the appropriate actions.

**Status Codes**

<b>Base Status Code</b>	<b>Possible Additional Numbers / Explanation / Action</b>
3050	<p><b>01HG</b> <i>Offline Token-Ring Adapter cable wrap test failure; there is an open condition.</i></p> <ul style="list-style-type: none"> <li>• Check that the Token-Ring Adapter cable is correctly attached to the adapter. If the cable is correctly connected, a problem exists in the cable path to the Token-Ring access unit or in the access unit itself.</li> <li>• To troubleshoot, disconnect the cable at various points, except from the adapter, and retry the test. To retry the wrap test, press <b>Enter</b> on the operator panel, key in the test selection (3101), and press <b>Enter</b>.</li> <li>• If the cable directly connected to the Token-Ring adapter fails, then request service for the control unit.</li> </ul>
	<p><b>02HG</b> <i>Offline Token-Ring Adapter cable wrap test failure; the wrap data is incorrect.</i></p> <ul style="list-style-type: none"> <li>• Check all cable connections for proper seating; reseal any loose connections.</li> <li>• To troubleshoot, disconnect the cable at various points, except from the adapter, and retry the test. To retry the wrap test, press <b>Enter</b> on the operator panel, key in the test selection (3101), and press <b>Enter</b>.</li> <li>• If the cable directly connected to the Token-Ring Adapter fails, then request service for the control unit.</li> </ul>
3060, 3061	<p><i>There may be a loose or disconnected internal adapter cable between the ASCII Adapter and the I/O Panel.</i></p> <ul style="list-style-type: none"> <li>• Keep pressing the <b>Advance</b> key until the display is blank, and record all the numbers that appeared in the <b>Status</b> display each time you pressed the key.</li> <li>• Re-IML.</li> <li>• Request service for the control unit.</li> </ul>
3091 – 3170	<p><i>Offline test hardware failure: storage.</i></p> <ul style="list-style-type: none"> <li>• Keep pressing the <b>Advance</b> key until the display is blank, and record all the numbers that appeared in the <b>Status</b> display each time you pressed the key.</li> <li>• Re-IML.</li> <li>• Request service for the control unit.</li> </ul>
3174	<p><i>Indicates that a normal IML was completed successfully, or that no error status codes are present.</i></p>
3180	<p><i>Offline test hardware failure.</i></p> <ul style="list-style-type: none"> <li>• Keep pressing the <b>Advance</b> key until the display is blank, and record all the numbers that appeared in the <b>Status</b> display each time you pressed the key.</li> <li>• Re-IML.</li> <li>• Request service for the control unit.</li> </ul>
3201 – 3203	<p><i>IML hardware failure: FRU identification bus.</i></p> <ul style="list-style-type: none"> <li>• Re-IML.</li> <li>• Request service for the control unit.</li> </ul>

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Base Status Code	Possible Additional Numbers / Explanation / Action
3204	<p><i>IML hardware configuration failure: excess storage cards.</i></p> <ul style="list-style-type: none"> <li>• If you are doing a feature installation, recheck the instructions.</li> <li>• Keep pressing the <b>Advance</b> key until the display is blank, and record all the numbers that appeared in the <b>Status</b> display each time you pressed the key.</li> <li>• Re-IML.</li> <li>• Request service for the control unit.</li> </ul>
3205	<p><i>IML hardware configuration failure: invalid storage card plugging.</i></p> <p>For 3174 Models 1L, 1R, 2R, and 3R, a storage card is in location 17, and location 20 either is empty or has a nonstorage card installed.</p> <ul style="list-style-type: none"> <li>• If you are doing a feature installation, recheck the instructions.</li> <li>• Keep pressing the <b>Advance</b> key until the display is blank, and record all the numbers that appeared in the <b>Status</b> display each time you pressed the key.</li> <li>• Re-IML.</li> <li>• Request service for the control unit.</li> </ul>
3220	<p><i>IML hardware configuration failure: invalid diskette ID.</i></p> <ul style="list-style-type: none"> <li>• To proceed with IML, press <b>1</b> on the operator panel, and then press <b>Enter</b>.</li> <li>• Request service for the control unit.</li> </ul>
3221	<p><i>IML hardware configuration failure: The Channel Adapter or Driver is missing.</i></p> <ul style="list-style-type: none"> <li>• If you are doing a feature installation, recheck the instructions.</li> <li>• Verify that a Channel Adapter (Type 9210) is plugged into location 11 and a Channel Driver (Type 9230) is plugged into location 10.</li> <li>• To proceed with IML, press <b>1</b> on the operator panel, and then press <b>Enter</b>.</li> <li>• Request service for the control unit.</li> </ul>
3222	<p><i>IML hardware configuration failure: invalid adapter configuration.</i></p> <ul style="list-style-type: none"> <li>• If you are doing a feature installation, recheck the instructions.</li> <li>• Verify that the cards are plugged into locations 22, 23, and 24 in the correct order and that they are valid cards.</li> <li>• To proceed with IML, press <b>1</b> on the operator panel, and then press <b>Enter</b>.</li> <li>• Request service for the control unit.</li> </ul>
3223	<p><i>IML hardware configuration failure: invalid adapter card is installed.</i></p> <ul style="list-style-type: none"> <li>• If you are doing a feature installation, recheck the instructions.</li> <li>• Verify that the cards in locations 11 through 17 are valid.</li> <li>• Keep pressing the <b>Advance</b> key until the display is blank, and record all the numbers that appeared in the <b>Status</b> display each time you pressed the key. These numbers identify which cards are invalid.</li> <li>• To proceed with IML, press <b>1</b> on the operator panel, and then press <b>Enter</b>.</li> <li>• Request service for the control unit.</li> </ul>
3230 – 3232	<p><i>IML hardware failure: Terminal Adapter.</i></p> <ul style="list-style-type: none"> <li>• Keep pressing the <b>Advance</b> key until the display is blank, and record all the numbers that appeared in the <b>Status</b> display each time you pressed the key.</li> <li>• To proceed with IML, press <b>1</b> on the operator panel, and then press <b>Enter</b>.</li> <li>• Request service for the control unit.</li> </ul>

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- When requesting service, be sure to give the status code and additional numbers to the service personnel.
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## Status Codes

Base Status Code	Possible Additional Numbers / Explanation / Action
3233	<p><i>IML hardware configuration failure.</i></p> <p>A Terminal Multiplexer Adapter (TMA) is installed but does not appear to be connected to a Terminal Adapter port.</p> <ol style="list-style-type: none"> <li>1. If you are installing a feature, press <b>Advance</b> twice – the first two digits in the <b>Status</b> display identify the card location number of the affected TMA. Repeat this procedure, recording the first two digits that appear in the <b>Status</b> display until the <b>Status</b> display is blank.</li> <li>2. Press the latch-release pushbutton on the left-center edge of the front door, and open the door (refer to Figure 2-1 on page 2-2, if necessary).</li> <li>3. Make sure that the jumper cables are correctly connected both to the Terminal Adapters (Type 915X, card locations 21, 22, and 23) and to the top coaxial connector on the associated TMAs (possible card locations are 15, 16, 11 or 23, and 12, 17, and 24).</li> <li>4. To proceed with the IML, and to bring up those terminals that are not connected to the affected TMA(s), press <b>1</b> on the operator panel, and then press <b>Enter</b> (Continue function).</li> <li>5. Request service for the control unit.</li> </ol>
3234	<p><i>IML hardware configuration failure: undefined ID.</i></p> <p>The hardware is at a higher release level than the microcode.</p> <ul style="list-style-type: none"> <li>• Obtain the latest level of Control and Utility diskettes and re-IML.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
3235	<p><i>The internal cable between the Token-Ring Adapter and the I/O assembly is not connected.</i></p> <p>Request help from your technical support group or help desk.</p>
3250 – 3297	<p><i>IML hardware failure.</i></p> <ul style="list-style-type: none"> <li>• Re-IML.</li> <li>• Request service for the control unit.</li> </ul>
3301	<p><i>Offline test failure: Port 0 control terminal.</i></p> <ul style="list-style-type: none"> <li>• Check that the Port 0 control terminal is turned on.</li> <li>• Use “3270 Terminal Connection Problems” on page 3-13 to identify connection or terminal problems.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
3302	<p><i>Offline test failure: Terminal Adapter.</i></p> <ul style="list-style-type: none"> <li>• Use the operator panel to continue testing.</li> <li>• Run Alt 2 IML tests (refer to “Alt 2 IML Tests” on page 3-108).</li> </ul>
3801 – 3809	<p><i>Offline test microcode failure.</i></p> <ul style="list-style-type: none"> <li>• Keep pressing the <b>Advance</b> key until the display is blank, and record all the numbers that appeared in the <b>Status</b> display each time you pressed the key.</li> <li>• Insert a new diskette and try the operation again.</li> <li>• Re-IML.</li> <li>• If the problem continues, request service for the control unit.</li> </ul>

- Re-IML means to try to make the control unit operational; refer to page 2-17 for the correct actions.
- When requesting service, be sure to give the status code and additional numbers to the service personnel.
- Some status codes are normal progress or completion messages; if the **Status Code** remains lit for more than 10 seconds, the code indicates an error. For an error, perform the appropriate actions.



Base Status Code	Possible Additional Numbers / Explanation / Action
4001	<p><i>Offline test prompt.</i></p> <ul style="list-style-type: none"> <li>• Key in the offline test selection. Refer to “Offline Tests” on page 3-108.</li> </ul>
4030 – 4034	<p><i>Offline test failure.</i></p> <ul style="list-style-type: none"> <li>• Re-IML and retry the operation.</li> <li>• Request service for the control unit.</li> </ul>
4050	<p><i>Offline test log is full.</i></p> <p>At the terminal connected to port 0:</p> <ul style="list-style-type: none"> <li>• To retrieve the log, press <b>Enter</b> (Free function) to get the 4001 prompt.</li> <li>• Key in <b>8001</b> and press <b>Enter</b> to display the test log.</li> <li>• If the test log is not displayed, request help from your technical support group or help desk.</li> </ul>
4079	<p><i>Offline test failure.</i></p> <ul style="list-style-type: none"> <li>• Re-IML and retry the operation.</li> <li>• Request service for the control unit.</li> </ul>
4080	<p><i>Offline tests are running at the display connected to port zero.</i></p>
4081	<p><i>Offline test failure: Port 0 control terminal.</i></p> <ul style="list-style-type: none"> <li>• Check that the Port 0 control terminal is turned on.</li> <li>• Use “3270 Terminal Connection Problems” on page 3-13 to identify connection or terminal problems.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
4082	<p><i>Unsupported keyboard attached to port 0.</i></p> <ul style="list-style-type: none"> <li>• Connect a 3278, 3279, 3178, 3179, or similar terminal to port 0.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
4099	<p><i>Invalid procedure tried at IML error.</i></p> <p>The diagnostic Free and Continue functions are not allowed.</p> <ul style="list-style-type: none"> <li>• Re-IML.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
4101	<p><i>Invalid request keyed in the Alt 1 40 prompt.</i></p> <p><b>Note:</b> Use the Utility diskette for offline tests or for customization.</p> <ul style="list-style-type: none"> <li>• Make sure that a Utility diskette is installed in the diskette drive.</li> <li>• Do an Alt 1 IML (press and hold <b>Alt 1</b>, press and release <b>IML</b>, and then release <b>Alt 1</b>).</li> <li>• Key in the correct selection at the 40 prompt.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
4102 – 4106	<p><i>Invalid offline test request.</i></p> <ul style="list-style-type: none"> <li>• Press <b>Enter</b> for the 4001 prompt.</li> <li>• Key in the correct selection.</li> <li>• Request help from your technical support group or help desk.</li> </ul>

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- When requesting service, be sure to give the status code and additional numbers to the service personnel.
- Some status codes are normal progress or completion messages; if the **Status Code** remains lit for more than 10 seconds, the code indicates an error. For an error, perform the appropriate actions.

## Status Codes

Base Status Code	Possible Additional Numbers / Explanation / Action
4107 – 4110	<p><i>Operator error in pressing the wrong key during the offline tests.</i></p> <ul style="list-style-type: none"> <li>• Press the correct key.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
4111	<p><i>The response keyed in at the 3174 operator panel was not a Continue request.</i></p> <p>Key in <b>1</b>, and press <b>Enter</b>.</p>
4112	<p><i>The operator did not press Alt 1 or Alt 2 correctly.</i></p> <p>Key in <b>1</b>, and press <b>Enter</b>.</p> <ul style="list-style-type: none"> <li>• If it is not an operator problem, request service for the control unit.</li> </ul>
4113 – 4201	<p><i>Offline test failure: the diskette drive is not ready.</i></p> <ul style="list-style-type: none"> <li>• Check to see that the correct diskette is inserted in all drives.</li> <li>• Make sure that the diskette drive lever is closed on all drives.</li> <li>• Do the Free function (press <b>Enter</b>).</li> <li>• Try the test request again.</li> <li>• If the problem continues, request service for the control unit.</li> </ul>
4203	<p><i>Offline test failure: a write-protected diskette is in the diskette drive.</i></p> <ul style="list-style-type: none"> <li>• Insert a diskette that is not write-protected and try the operation again.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
4204	<p><i>The diskette drive lever was opened and closed during the test of the drive.</i></p> <ul style="list-style-type: none"> <li>• If no one opened the drive during testing, the drive may have failed.</li> <li>• Press <b>Enter</b> to do the Free function (4001 prompt).</li> <li>• Try the test again.</li> <li>• Request service for the control unit.</li> </ul>
4210 – 4212	<p><i>The Terminal Adapter Printer Exerciser has detected a problem:</i></p> <p><b>4210:</b> Testing an incorrect port or device.  <b>4211:</b> Printer is out of paper, jammed, or not ready.  <b>4212:</b> Printer is on hold or is defective.</p> <ul style="list-style-type: none"> <li>• Correct the condition and rerun the test.</li> <li>• Request help from your technical support group or help desk.</li> <li>• Press <b>Enter</b> to stop this test.</li> </ul>
4505	<p><i>Prompt message presented after invoking of the operator panel keypad indicator test diagnostic.</i></p> <ul style="list-style-type: none"> <li>• Press any keys and observe the Status display key indication.</li> <li>• Press <b>Enter</b> to end the routine.</li> <li>• To do the Free function, press <b>Enter</b> a second time.</li> </ul>

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Base Status Code	Possible Additional Numbers / Explanation / Action
4510	<p><i>An attached printer or display is not supported, or the wrong terminal was specified.</i></p> <ul style="list-style-type: none"> <li>• Run the test again, specifying the correct port.</li> <li>• If the correct port was specified, connect a printer that is supported.</li> <li>• Check modem power and cable connections.</li> <li>• Request help from your technical support group or help desk.</li> <li>• Press <b>Enter</b> to stop this test.</li> </ul>
4511	<p><i>The printer is out of paper, jammed, or not ready.</i></p> <ul style="list-style-type: none"> <li>• Check modem power and cable connections.</li> <li>• Request help from your technical support group or help desk.</li> <li>• Press <b>Enter</b> to stop this test.</li> </ul>
4512	<p><i>The print operation has not been completed; the printer Hold switch is active, or the printer is defective.</i></p> <ul style="list-style-type: none"> <li>• Check modem power and cable connections.</li> <li>• Request help from your technical support group or help desk.</li> <li>• Press <b>Enter</b> to stop this test.</li> </ul>
4513	<p><i>Responses to Communication Adapter Test: Data Set Ready and Carrier Detect are active.</i></p> <ul style="list-style-type: none"> <li>• Press <b>Enter</b> to stop this test.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
4514	<p><i>Response for the offline Communication Adapter Driver Static test.</i></p> <ul style="list-style-type: none"> <li>• The interface is being held active.</li> <li>• To stop this function, press <b>Enter</b> (Free).</li> </ul>
4530, 4531	<p><i>Response to offline Channel Adapter Online/Offline Switch test:</i></p> <p><b>4530:</b> The <b>Channel Interface</b> switch is in the <b>Offline</b> position.  <b>4531:</b> The <b>Channel Interface</b> switch is in the <b>Online</b> position.</p> <p>To stop this function, press <b>Enter</b> (Free).</p>
4535	<p><b>IDID IDID IDID</b> <i>The Token-Ring Adapter Function 10 was selected for this address (ID.....ID).</i></p> <p>Press <b>Enter</b> (Free function) to display the 4001 prompt.</p>
4542	<p><i>A prompt message to allow an update of the control unit timer day and time.</i></p> <p>Request help from your technical support group or help desk.</p>
4550	<p><b>01HG PN00</b> <i>Offline Terminal Adapter selectable test was successful (direct path).</i></p> <p><b>02HG PN00</b> <i>Offline Terminal Adapter selectable test was successful (path through TMA/3299).</i></p>
4560 – 4563	<p><i>Responses for the offline Diskette Drive Ready/Change Test.</i></p> <p><b>4560:</b> Neither Drive Ready nor Diskette Change.  <b>4561:</b> Drive Ready without Diskette Change.  <b>4562:</b> No Drive Ready with Diskette Change.  <b>4563:</b> Drive Ready and Diskette Change.</p> <p>If a proper status code change is not displayed when a Drive Ready or Diskette Change action occurs:</p> <ul style="list-style-type: none"> <li>• Request service for the control unit.</li> <li>• Press <b>Enter</b> to stop this test.</li> </ul>

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## Status Codes

<b>Base Status Code</b>	<b>Possible Additional Numbers / Explanation / Action</b>
4565 – 4569	<i>Responses for the offline Diskette Media Scan Test.</i> <b>4565:</b> Insert the diskette to be scanned, key in 1, and press <b>Enter</b> to start the scan. <b>4566:</b> The scan was completed without any defective tracks detected. <b>4567:</b> The scan was completed with defective tracks detected. Replace the diskette. <b>4568:</b> Insert a valid 3174 diskette in drive 1. Rerun the test. <b>4569:</b> Insert a valid 3174 diskette in drive 2. Rerun the test.
4580	<i>The offline test log is empty.</i> Press <b>Enter</b> (Free function) to display the 4001 prompt.
4581	<i>The offline test log contains errors.</i> At the terminal connected to port 0: <ul style="list-style-type: none"><li>• To retrieve the log, press <b>Enter</b> (Free function) to get the 4001 prompt.</li><li>• Key in <b>8001</b> and press <b>Enter</b> to display the test log.</li><li>• If the test log is not displayed, request help from your technical support group or help desk.</li></ul>
4607	<i>The requested adapter is disabled.</i> Request help from your technical support group or help desk.
4608	<i>Online test failure: Too many users are requesting these tests.</i> <ul style="list-style-type: none"><li>• Wait; then retry the online test.</li><li>• Request help from your technical support group or help desk.</li></ul>
4609	<i>Online test microcode failure.</i> <ul style="list-style-type: none"><li>• Retry the online test.</li><li>• Request service for the control unit.</li></ul>
4610	<i>An invalid test number was typed in during online tests.</i> Type in a valid test number from the test menu.
4611	<i>Online Test condition: The test requested is already active.</i> Try the test request again.
4612, 4613	<i>An incorrect port number or hardware group was requested:</i> <b>4612:</b> Enter the correct port number and retry the request. <b>4613:</b> Enter the correct hardware group or check that the requested group is present. Request help from your technical support group or help desk.
4614	<i>An invalid entry was made during the online tests.</i> Check the panel for the format that should be used, and try the test request again.
4615	<i>The number of parameters for the online test request is incorrect.</i> Check the panel that lists the desired test, and correct the test request.
4616	<i>An invalid parameter was typed in during the online test.</i> Check the panel that lists the valid parameters, and correct the test request.

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Base Status Code	Possible Additional Numbers / Explanation / Action
4617	<i>Invalid data in the online test request was typed in.</i> Check the menu for the correct test request format, and try the test request again.
4618	<i>The requested function is no longer supported.</i> Request help from your technical support group or help desk.
4619	<i>An invalid key was pressed during the online test.</i> Use the correct key and retry the test request.
4620	<i>An informational message that a system event was logged.</i> No action is required at this time.
4625	<i>An online test error was detected; a /8 was entered during a secondary session.</i> <ol style="list-style-type: none"> <li>1. Use the <b>ChgS</b> key to return to the primary session.</li> <li>2. Type in /8.</li> <li>3. Press <b>ENTER</b>.</li> </ol>
4630	<i>A Start Trace command has been sent, and a trace is already running.</i> To start the trace again: <ol style="list-style-type: none"> <li>1. Type in the Stop Trace command.</li> <li>2. Press <b>ENTER</b>.</li> <li>3. Then type in the Start Trace command.</li> <li>4. Press <b>ENTER</b>.</li> </ol>
4631	<i>A Stop Trace command was sent while the trace was already stopped.</i>
4632	<i>The control unit is busy and cannot accept the trace request.</i> Try the trace request again.
4633	<i>Trace initialization was requested after the trace was already started.</i> Stop the trace, and try the trace request again.
4634	<i>A diskette error occurred during an attempt to stop a trace.</i> Use the status code on the operator panel to determine the cause of the diskette failure.
4635	<i>A diskette error occurred during an attempt to start a trace.</i> Use the status code on the operator panel to determine the cause of the diskette failure.
4636	<i>The online trace was requested for more than two ASCII ports.</i> <ul style="list-style-type: none"> <li>• Traces, beyond the second requested trace, will be ignored. To run these traces, key in the <b>Trace Stop</b> command and set up the new ports to be traced.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
4640	<i>The online Port Wrap Test has been completed successfully.</i>
4641	<i>The requested wrap test has not been done, because a terminal is now successfully communicating with the port number that was entered in the test request.</i>
4642	<i>An invalid Terminal Adapter port number was typed in during the online Port Wrap Test.</i> Type in 0, 8, 16, or 24 and try the test again.

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## Status Codes

Base Status Code	Possible Additional Numbers / Explanation / Action
4650	<p><i>The Terminal Adapter support for multiplexers (TMA/3299) has failed; however, the adapter may operate when attached directly to a terminal.</i></p> <ul style="list-style-type: none"> <li>• If this port is being used for a directly attached terminal, this failure will not affect normal operation.</li> <li>• If this port is being used to support terminals attached through a TMA/3299 multiplexer, the Terminal Adapter must be replaced.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
4651	<p><i>Terminal Adapter port wrap failure.</i></p> <p><i>This can be a false indication if the signal cable is attached to the port being tested.</i></p> <ul style="list-style-type: none"> <li>• Disconnect the port signal cable, and try the test again.</li> <li>• Request service for the control unit.</li> </ul>
4652	<p><i>Terminal multiplexer port wrap failure.</i></p> <p><i>This can be a false indication if the signal cable is attached to the port being tested.</i></p> <ul style="list-style-type: none"> <li>• Disconnect the port signal cable, and retry the test.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
4653	<p><i>A multiplexer wrap test was requested on a port that is directly connected to a terminal.</i></p> <p>Use the Direct Wrap Test for the Terminal Adapter port.</p>
4660 – 4663	<p><i>An invalid entry was made in the Transmit Request from the ACA Port Test Menu.</i></p> <ul style="list-style-type: none"> <li>• Correct the entry and rerun the test.</li> <li>• Request help from your technical support group or help desk.</li> <li>• Press <b>Enter</b> to stop this test.</li> </ul>
4664 – 4666	<p><i>These are messages reflecting a disconnect request from a port wrap test:</i></p> <p><b>4664:</b> The ASCII port is currently active. To force a disconnection, press <b>Enter</b>.</p> <p><b>4265:</b> A disconnection is in progress.</p> <p><b>4266:</b> The disconnection is completed. Press <b>Enter</b> to begin the wrap test originally requested.</p>
4670	<p><i>A dump of a DFT has been selected, and the DFT has not responded.</i></p> <p>4670 is normally followed by alternating status codes of 4671 and 4672. If this does not occur, cancel the dump by turning the DFT off, and then on.</p> <p>Start the dump again the next time the DFT fails.</p>
4671	<p><i>A dump of a DFT is in progress.</i></p> <p><b>Note:</b> This status code alternates with 4672.</p>
4672	<p><i>A dump of a DFT is in progress.</i></p> <p><b>Note:</b> This status code alternates with 4671.</p>
4673	<p><i>A dump of a DFT has ended before completion.</i></p> <p>Try the dump again. If the problem continues, do the dump the next time the DFT fails.</p>

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Base Status Code	Possible Additional Numbers / Explanation / Action
4675	<p><i>A dump of a DFT has been completed successfully.</i></p> <p>Remove the Dump diskette and insert the Downstream Load or Control diskette. Normal operations start automatically.</p> <p>If the control unit is not working correctly, request help from your technical support group or help desk.</p>
4687	<p><i>The online Token-Ring Link Status Test [9] detected an error.</i></p> <ul style="list-style-type: none"> <li>• No action is required.</li> <li>• If the operation is impaired, request help from your technical support group or help desk.</li> </ul>
4688	<p><i>The online Token-Ring Link Status Test indicates that no links are active.</i></p> <p>No action is required.</p>
4689	<p><i>The online Token-Ring Link Status Test indicates that the link requested is not active.</i></p> <p>No action is required.</p>
4690	<p><i>An invalid link address was entered during the online Token-Ring Link Status Test.</i></p> <p>Reenter the correct address.</p>
4691	<p><i>During an online Token-Ring Status Test, a station detected a signal loss for more than 250 milliseconds and has entered beaconing.</i></p> <p>Request help from your technical support group or help desk.</p>
4692	<p><i>During an online Token-Ring Status Test, the Token-Ring Adapter detected a beacon signal.</i></p> <p>Request help from your technical support group or help desk.</p>
4693	<p><i>A loose wire fault was detected during the online Token-Ring Status Test.</i></p> <ul style="list-style-type: none"> <li>• Contact the host operator to return the link(s) to service.</li> <li>• If the failure continues, request help from your technical support group or help desk.</li> </ul>
4694	<p><i>This status code indicates how long the online Token-Ring Status Test has been running.</i></p> <p>No action is required.</p>
4695	<p><i>This status code is displayed after the online Token-Ring Status Test has been active for 10 minutes.</i></p> <p>Press PF9 within the next 5 minutes to continue the test. If PF9 is not pressed, the test ends automatically.</p>
4696	<p><i>The online Token-Ring Status Test is being performed at another terminal.</i></p> <p>No action is required.</p>
4697	<p><i>The online Token-Ring Status Test indicates the Token-Ring Adapter is open.</i></p> <p>No action is required.</p>

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## Status Codes

Base Status Code	Possible Additional Numbers / Explanation / Action
4698	<p><i>The online Token-Ring Status Test indicates the Token-Ring Adapter is closed.</i></p> <ul style="list-style-type: none"> <li>• Use the operator panel to see if there is another status code for hardware group 31. If there is, look up the status code in this chart and do the recommended actions.</li> <li>• If another status code is not indicated, do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108). Remember, an IML disrupts all operating terminals.</li> <li>• If the Alt 2 IML is successful, do the Token-Ring Adapter Wrap Test.</li> <li>• If the problem continues, request help from your technical support group or help desk.</li> </ul>
4699	<p><i>The online Token-Ring Link status test indicates the links are not active.</i></p> <ul style="list-style-type: none"> <li>• The station status cannot be displayed.</li> <li>• No action is required.</li> </ul>
4990	<p><i>IML hardware or microcode failure.</i></p> <ul style="list-style-type: none"> <li>• Insert the backup Control or Utility diskette.</li> <li>• Re-IML.</li> <li>• Request service for the control unit.</li> </ul>
4994	<p><i>IML hardware failure: the Terminal Adapter is either defective or missing.</i></p> <ul style="list-style-type: none"> <li>• Re-IML.</li> <li>• Request service for the control unit.</li> </ul>
4995	<p><i>IML failure: insufficient storage for the Control diskette configuration.</i></p> <ul style="list-style-type: none"> <li>• For diskettes configured for the Token-Ring Gateway feature, at least one Storage Expansion feature card (Type 9051 or 9052) is required in location 20.</li> <li>• Make sure you are using the correct Control diskette.</li> <li>• Re-IML.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
4997	<p><b>0100</b> <i>Something other than 40 or 41 was entered at the Alt 1 40 prompt.</i></p> <ul style="list-style-type: none"> <li>• Try the Alt 1 IML again.</li> <li>• Enter the correct parameters (40 or 41).</li> </ul> <hr/> <p><b>0200</b> <i>A 40 was entered with Alt 1 requesting the Master Menu with the Control diskette installed.</i></p> <ul style="list-style-type: none"> <li>• If you want a normal IML, do the Alt 1 IML and key in 41 (refer to "Making the 3174 Operational" on page 2-17).</li> <li>• If you want the Master Menu, install the Utility diskette, do the Alt 1 IML, and key in 40 (refer to "Displaying the Master Menu" on page 2-22).</li> <li>• Request help from your technical support group or help desk.</li> </ul> <hr/> <p><b>0300</b> <i>A 41 was entered with Alt 1 requesting a normal IML with the Utility diskette installed.</i></p> <ul style="list-style-type: none"> <li>• If you want the Master Menu, do the Alt 1 IML and key in 40 (refer to "Displaying the Master Menu" on page 2-22).</li> <li>• If you want the normal IML, install the Control diskette, do the Alt 1 IML, and key in 41 (refer to "Making the 3174 Operational" on page 2-17).</li> <li>• Request help from your technical support group or help desk.</li> </ul>

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Base Status Code	Possible Additional Numbers / Explanation / Action
4998	<p><i>An IML microcode failure.</i></p> <ul style="list-style-type: none"> <li>• Insert the backup Control or Utility diskette.</li> <li>• Re-IML.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
4999 – 5090	<p><i>These are IML progress messages. A failure has occurred if the status code does not change in 10 seconds.</i></p> <ul style="list-style-type: none"> <li>• Exchange the Control diskette.</li> <li>• Re-IML.</li> <li>• Do an Alt 2 IML (refer to “Alt 2 IML Tests” on page 3-108).</li> <li>• Request help from your technical support group or help desk.</li> </ul>
5201	<p><i>There is a mismatch between the hardware and customization. A Channel Adapter is required for Model 1L.</i></p> <ul style="list-style-type: none"> <li>• Re-IML.</li> <li>• Verify that you have the correct Control diskette.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
5202	<p><b>0100</b> <i>There is a mismatch between the hardware and customization. Communication Adapter Type 1 is required; Models 1R, 51R, and 81R contain a Type 1 adapter.</i></p> <ul style="list-style-type: none"> <li>• Check that you are using the correct Control diskette for the correct model.</li> <li>• Check that the Communication Adapter Type 9253 is correctly installed in location 22.</li> <li>• Re-IML.</li> <li>• Request help from your technical support group or help desk.</li> </ul> <hr/> <p><b>0200</b> <i>There is a mismatch between the hardware and customization: invalid or missing Type 1 communication cable.</i></p> <ul style="list-style-type: none"> <li>• Check that the communication cable is attached correctly.</li> <li>• Check that the correct communication cable type is attached (see “Communication Adapter and Communication Cable Test” on page 3-110 for the correct part numbers).</li> <li>• Re-IML.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
5203	<p><b>0100</b> <i>There is a mismatch between the hardware and customization. Communication Adapter Type 2 is required; Models 2R, 52R, and 82R contain a Type 2 adapter.</i></p> <ul style="list-style-type: none"> <li>• Check that you are using the correct Control diskette for the correct model.</li> <li>• Check that the Communication Adapter Type 9273 or 9277 is correctly installed in location 22.</li> <li>• Re-IML.</li> <li>• Request help from your technical support group or help desk.</li> </ul> <hr/> <p><b>0200</b> <i>There is a mismatch between the hardware and customization: invalid or missing Type 2 communication cable.</i></p> <ul style="list-style-type: none"> <li>• Check that the communication cable is attached correctly.</li> <li>• Check that the correct communication cable type is attached (see “Communication Adapter and Communication Cable Test” on page 3-110 for the correct part numbers).</li> <li>• Re-IML.</li> <li>• Request help from your technical support group or help desk.</li> </ul>

- Re-IML means to try to make the control unit operational; refer to page 2-17 for the correct actions.
- When requesting service, be sure to give the status code and additional numbers to the service personnel.
- Some status codes are normal progress or completion messages; if the **Status Code** remains lit for more than 10 seconds, the code indicates an error. For an error, perform the appropriate actions.

## Status Codes

<b>Base Status Code</b>	<b>Possible Additional Numbers / Explanation / Action</b>
5204	<p><b>0100</b> <i>There is a mismatch between the hardware and customization; the Control diskette is configured for a Model 51R, 52R, or 53R.</i></p> <ul style="list-style-type: none"><li>• Check that the correct Control diskette is installed.</li><li>• Re-IML.</li><li>• Request help from your technical support group or help desk.</li></ul>
	<hr/> <p><b>0300</b> <i>There is a mismatch between the hardware and customization; the Control diskette is configured for a Model 81R or 82R.</i></p> <ul style="list-style-type: none"><li>• Check that the correct Control diskette is installed.</li><li>• Re-IML.</li><li>• Request help from your technical support group or help desk.</li></ul>
5206	<p><i>There is a mismatch between the hardware and customization: a Token-Ring Adapter is required. Models 3R, 53R, and 1L with the Token-Ring Gateway feature have a Token-Ring Adapter.</i></p> <ul style="list-style-type: none"><li>• Check that you are using the correct Control diskette for the correct model.</li><li>• Check that the Token-Ring Adapter Type 9350 is correctly installed in the control unit.</li><li>• Request help from your technical support group or help desk.</li></ul>
5207	<p><i>There is a mismatch between the hardware and customization: there is not enough storage to support the attachment of the Token-Ring Adapter Gateway feature.</i></p> <ul style="list-style-type: none"><li>• Check that the correct Control diskette is installed.</li><li>• Re-IML.</li><li>• Request help from your technical support group or help desk.</li></ul>
5230	<p><i>An IML customization failure: the Control diskette has not been configured.</i></p> <ul style="list-style-type: none"><li>• Check that the correct Control diskette is installed.</li><li>• Re-IML.</li><li>• Request help from your technical support group or help desk.</li></ul>
5231 – 5242	<p><i>IML customization failure. The Control diskette must be recustomized.</i></p> <ul style="list-style-type: none"><li>• Insert the backup Control diskette.</li><li>• Re-IML.</li><li>• Request help from your technical support group or help desk.</li></ul>

- Re-IML means to try to make the control unit operational; refer to page 2-17 for the correct actions.
- When requesting service, be sure to give the status code and additional numbers to the service personnel.
- Some status codes are normal progress or completion messages; if the **Status Code** remains lit for more than 10 seconds, the code indicates an error. For an error, perform the appropriate actions.

Base Status Code	Possible Additional Numbers / Explanation / Action
5243	<p><b>0100</b> <i>IML customization failure: Question 121 and the Keyboard Definition Utility language ID do not match.</i></p> <p><b>Note:</b> The Keyboard Definition Utility must be used to correct the language ID.</p> <ul style="list-style-type: none"> <li>• Insert the backup Control diskette.</li> <li>• Re-IML.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
	<p><b>0200</b> <i>IML customization failure: Question 137 contains an invalid keyboard ID.</i></p> <p><b>Note:</b> The Keyboard Definition Utility must be used to correct the keyboard ID.</p> <ul style="list-style-type: none"> <li>• Insert the backup Control diskette.</li> <li>• Re-IML.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
	<p><b>0400</b> <i>IML customization microcode failure.</i></p> <ul style="list-style-type: none"> <li>• Insert the backup Control diskette.</li> <li>• Re-IML.</li> <li>• Request service for the control unit.</li> </ul>
5244 – 5252	<p><i>IML customization failure.</i></p> <ul style="list-style-type: none"> <li>• Keep pressing the <b>Advance</b> key until the display is blank, and record all the numbers that appeared in the <b>Status</b> display each time you pressed the key.</li> <li>• Insert the backup Control diskette.</li> <li>• Re-IML.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
5286 – 5290	<p><i>IML customization failure. The Control diskette must be recustomized. IML customization microcode failure.</i></p> <ul style="list-style-type: none"> <li>• Insert the backup Control diskette.</li> <li>• Re-IML.</li> <li>• Request service for the control unit.</li> </ul>
5901, 5902	<p><i>A control unit offline dump is in progress. A failure occurred if the status code does not change for more than 10 seconds.</i></p> <p>Status codes 5901 and 5902 will alternate during the dump.</p> <ul style="list-style-type: none"> <li>• The dump may be retried by starting the Alt 1 IML Dump Procedure again.</li> <li>• Try another Dump diskette.</li> <li>• Request service for the control unit.</li> </ul>
5903 – 5905	<p><i>A control unit offline dump is in progress. A failure occurred if the status code does not change for more than 10 seconds.</i></p> <p><b>Note:</b> The microcode to be dumped has been destroyed.</p> <ul style="list-style-type: none"> <li>• Dump must be done again at the next failure.</li> <li>• Do an Alt 2 IML (refer to “Alt 2 IML Tests” on page 3-108).</li> <li>• Request service for the control unit.</li> </ul>

- Re-IML means to try to make the control unit operational; refer to page 2-17 for the correct actions.
- When requesting service, be sure to give the status code and additional numbers to the service personnel.
- Some status codes are normal progress or completion messages; if the **Status Code** remains lit for more than 10 seconds, the code indicates an error. For an error, perform the appropriate actions.

## Status Codes

Base Status Code	Possible Additional Numbers / Explanation / Action
5907	<i>This is an offline dump prompt.</i> Insert the Control diskette in the Dump diskette drive.
5908, 5909	<i>A control unit offline dump is in progress. A failure occurred if the status code does not change for more than 10 seconds.</i> Status codes 5908 and 5909 will alternate during the dump. <b>Note:</b> The microcode to be dumped has been destroyed. <ul style="list-style-type: none"> <li>• Dump must be done again at the next failure.</li> <li>• Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li> <li>• Request service for the control unit.</li> </ul>
5910	<i>This is an offline dump prompt.</i> Replace the Control diskette with the original Dump diskette.
5912, 5913	<i>A control unit offline dump is in progress. A failure occurred if the status code does not change for more than 10 seconds.</i> Status codes 5912 and 5913 will alternate during the dump. <b>Note:</b> The microcode to be dumped has been destroyed. <ul style="list-style-type: none"> <li>• Dump must be done again at the next failure.</li> <li>• Do an Alt 2 IML (refer to "Alt 2 IML Tests" on page 3-108).</li> <li>• Request service for the control unit.</li> </ul>
5914	<i>This is an offline dump prompt: The Dump diskette is full.</i> Replace the Dump diskette with a new Dump diskette.
5916	<i>This is an offline dump prompt: The dump was completed without an error.</i> <ul style="list-style-type: none"> <li>• Remove the Dump diskette.</li> <li>• The control unit can now be made operational (refer to "Making the 3174 Operational" on page 2-17).</li> </ul>
5917, 5918	<i>This is an offline dump prompt: The dump was completed with an error.</i> <ul style="list-style-type: none"> <li>• Press <b>Advance</b> and record the numbers in the Status display. Repeat this process until the display is blank.</li> <li>• Remove the Dump diskette.</li> <li>• The control unit can now be made operational (refer to "Making the 3174 Operational" on page 2-17).</li> </ul>
5920	<i>Incorrect offline IML dump. The Alt 1 IML Dump procedure was not invoked correctly.</i> <b>Note:</b> The microcode to be dumped has been destroyed. <ul style="list-style-type: none"> <li>• The dump must be done again at the next failure.</li> <li>• Use the correct Alt 1 IML Dump procedure.</li> <li>• Request service for the control unit.</li> </ul>
5922	<i>Recoverable Dump diskette error.</i> <ul style="list-style-type: none"> <li>• The dump may be retried by starting the Alt 1 IML Dump Procedure again.</li> <li>• Try another Dump diskette.</li> <li>• Request service for the control unit.</li> </ul>

- Re-IML means to try to make the control unit operational; refer to page 4-52upp. for the correct actions.
- When requesting service, be sure to give the status code and additional numbers to the service personnel.
- Some status codes are normal progress or completion messages; if the **Status Code** remains lit for more than 10 seconds, the code indicates an error. For an error, perform the appropriate actions.

Base Status Code	Possible Additional Numbers / Explanation / Action
5923	<p><i>Unrecoverable Dump diskette error.</i></p> <p><b>Note:</b> The microcode to be dumped has been destroyed.</p> <ul style="list-style-type: none"> <li>• The dump must be done again at the next failure.</li> <li>• Try another Dump diskette.</li> <li>• Do an Alt 2 IML (refer to “Alt 2 IML Tests” on page 3-108).</li> <li>• Request service for the control unit.</li> </ul>
5924, 5925	<p><i>Offline dump hardware error.</i></p> <p><b>Note:</b> The microcode to be dumped has been destroyed.</p> <ul style="list-style-type: none"> <li>• The dump must be done again at the next failure.</li> <li>• Do an Alt 2 IML (refer to “Alt 2 IML Tests” on page 3-108).</li> <li>• Request service for the control unit.</li> </ul>
5932	<p><b>QLHG</b> <i>The wrong diskette was inserted for the offline dump.</i></p> <ul style="list-style-type: none"> <li>• Insert the correct diskette: <ul style="list-style-type: none"> <li>QL = 01 = Insert the Control diskette.</li> <li>QL = 02 = Insert the original Dump diskette.</li> <li>QL = 03 = Insert a new Dump diskette.</li> </ul> </li> <li>• Request service for the control unit.</li> </ul>
7000 – 7079	<p><i>Configuration status code.</i></p> <p>Refer to the <i>3174 Customizing Guide</i>.</p>
7080	<p><i>The customizing terminal (on port 0) is not communicating with the control unit.</i></p> <ul style="list-style-type: none"> <li>• Check that the terminal is switched on.</li> <li>• Check that the terminal cable is connected correctly.</li> </ul> <p><b>Note:</b> If the terminal is attached by a 7232 Dual Control Unit Terminal Multiplexer, use the <b>ChgSc</b> key to display the connection to the customizing control unit.</p> <ul style="list-style-type: none"> <li>• Refer to the terminal Problem Determination Guide.</li> </ul>
7081	<p><i>An unsupported terminal is connected to port 0.</i></p> <p>Connect a 3278, 3279, 3178, 3179, or similar terminal to port 0.</p>
7082	<p><b>01HG</b> <i>The customizing terminal (on port 0) is either disconnected from the control unit or switched off.</i></p> <ul style="list-style-type: none"> <li>• Check that the terminal is switched on.</li> <li>• Check that the terminal cable is connected correctly.</li> <li>• Refer to the terminal Problem Determination Guide.</li> <li>• Refer to “Initial Symptom/Action Table” on page 3-3.</li> </ul> <hr/> <p><b>02xx</b> <i>The terminal connected to port 0 is logically disconnected from the control unit because of terminal or terminal cable errors.</i></p> <ul style="list-style-type: none"> <li>• Check that the terminal cable is connected correctly.</li> <li>• Refer to the 2xx status code for recommended actions.</li> <li>• Refer to “Initial Symptom/Action Table” on page 3-3.</li> </ul>

- Re-IML means to try to make the control unit operational; refer to page 4-53upp. for the correct actions.
- When requesting service, be sure to give the status code and additional numbers to the service personnel.
- Some status codes are normal progress or completion messages; if the **Status Code** remains lit for more than 10 seconds, the code indicates an error. For an error, perform the appropriate actions.

## Status Codes

Base Status Code	Possible Additional Numbers / Explanation / Action
7083	<i>An invalid request was received from the customizing terminal (on port 0) port 0.</i> Check that a 3278, 3279, 3178, 3179, or similar terminal is attached to port 0.
7100 – 7449	<i>An error was detected during customization.</i> <ul style="list-style-type: none"> <li>• Make sure that the customization questions were answered correctly. Refer to the <i>3174 Customizing Guide</i>.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
7501	<i>RPQs were moved to a new disk.</i> Reapply the RPQ, if necessary. The Merge RPQ Utility may be needed to delete old RPQs and to apply new releases containing updated versions.
7502	<i>During a microcode upgrade, the Modified Keyboard file was not upgraded.</i> <ul style="list-style-type: none"> <li>• Perform the Modified Keyboard function if you want a modified keyboard. Refer to the <i>3174 Customizing Guide</i>.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
7503	<i>During a microcode upgrade, errors were found during updating of panels.</i> <ul style="list-style-type: none"> <li>• Reconfigure. Refer to the <i>3174 Customizing Guide</i>.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
7504	<i>Not able to upgrade the Printer Authorization Matrix (PAM).</i> <ul style="list-style-type: none"> <li>• Redo the PAM procedure. Refer to the <i>3174 Customizing Guide</i>.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
7505	<i>During a microcode upgrade, errors were found during updating of AEA panels.</i> <ul style="list-style-type: none"> <li>• Redo the AEA configuration procedure. Refer to the <i>3174 Customizing Guide</i>.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
7521	<i>The Encrypt/Decrypt Adapter is not present.</i> Open the front door, and verify that the Encrypt/Decrypt Adapter is installed in card location 24. <ul style="list-style-type: none"> <li>• If the adapter is installed, run Alt 2 IML tests (refer to “Alt 2 IML Tests” on page 3-108).</li> <li>• If the adapter is not installed, you were trying to do an Encrypt/Decrypt utility on a control unit that does not have the feature.</li> </ul>
7522 and 7523	<i>Configuration status code.</i> Refer to the <i>3174 Customizing Guide</i> .
7524	<i>Encrypt/Decrypt Adapter error.</i> <ul style="list-style-type: none"> <li>• Insert the security key into the Encrypt/Decrypt Adapter and turn it to the horizontal position. Then, turn it back to the vertical position. Try the utility again.</li> <li>• Do an Alt 2 IML (refer to “Alt 2 IML Tests” on page 3-108).</li> <li>• Replace the battery on the Encrypt/Decrypt Adapter.</li> <li>• Then call your system security supervisor to install the master key value (procedures in the <i>3174 Customizing Guide</i>).</li> <li>• Request help from your technical support group or help desk.</li> </ul>

- Re-IML means to try to make the control unit operational; refer to page 4-54upp. for the correct actions.
- When requesting service, be sure to give the status code and additional numbers to the service personnel.
- Some status codes are normal progress or completion messages; if the **Status Code** remains lit for more than 10 seconds, the code indicates an error. For an error, perform the appropriate actions.

Base Status Code	Possible Additional Numbers / Explanation / Action
7525	<p><i>Encrypt/Decrypt Adapter error.</i></p> <ul style="list-style-type: none"> <li>• Insert the security key into the Encrypt/Decrypt Adapter and turn it to the horizontal position. Then, turn it back to the vertical position. Try the utility again.</li> <li>• Do an Alt 2 IML (refer to “Alt 2 IML Tests” on page 3-108).</li> <li>• Request help from your technical support group or help desk.</li> </ul>
7526 – 7529	<p><i>Configuration status code.</i></p> <p>Refer to the <i>3174 Customizing Guide</i>.</p>
7530	<p><i>Either the Encrypt/Decrypt Adapter keylock is in the wrong position or the adapter is bad.</i></p> <ul style="list-style-type: none"> <li>• Make sure that the keylock is in the vertical position, and try the operation again.</li> <li>• Request help from your technical support group or help desk.</li> </ul>
7531	<p><i>The Encrypt/Decrypt Diskette has not yet been initialized with either a CID value or a Verify Pattern.</i></p> <ul style="list-style-type: none"> <li>• Invoke Option 1.</li> <li>• If Option 1 has already been invoked, reinsert the diskette that was installed when that invocation took place. The current Encrypt/Decrypt diskette is not the one that was used when Option 1 was originally invoked.</li> </ul>
7541 – 7899	<p><i>A customizing status code.</i></p> <p>Refer to the <i>3174 Customizing Guide</i>.</p>
7900 – 7999	<p><i>An internal 3174 control unit error.</i></p> <p>Request service for the control unit.</p>
8888	<p><b>8888</b> <i>appears when the IML pushbutton is pressed.</i></p> <p>This is an indicator test.</p> <p><b>Note:</b> If you are <i>not</i> pressing <b>IML</b>, and <b>8888</b> is displayed, the control unit has a hardware failure.</p> <p>Request service for the control unit.</p>

- Re-IML means to try to make the control unit operational; refer to page 4-55upp. for the correct actions.
- When requesting service, be sure to give the status code and additional numbers to the service personnel.
- Some status codes are normal progress or completion messages; if the **Status Code** remains lit for more than 10 seconds, the code indicates an error. For an error, perform the appropriate actions.