## Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preface</td>
<td>5</td>
</tr>
<tr>
<td>Chapter 1. AOP–AOP0999</td>
<td>17</td>
</tr>
<tr>
<td>Chapter 2. AOP1000–AOP4098</td>
<td>99</td>
</tr>
<tr>
<td>Chapter 3. AOP9999–CIO999</td>
<td>181</td>
</tr>
<tr>
<td>Chapter 4. CNDL0011–EB9855</td>
<td>259</td>
</tr>
<tr>
<td>Chapter 5. EC081–ETX920</td>
<td>337</td>
</tr>
</tbody>
</table>
This manual includes messages that are issued by the following products:

- AF/OPERATOR
- Alert Adapter for OMEGACENTER Gateway on MVS
- Candle Management Server
- CCC for MQSeries and CCC for MQSeries Configuration
- CCC for MQSeries Integrator
- EPILOG for VM
- OMEGACENTER Gateway for MVS
- OMEGAMON for VM
- OMEGAMON II for CICS
- OMEGAMON II for DB2
- OMEGAMON II for IMS and DBCTL
- OMEGAMON II for Mainframe Networks
- OMEGAMON II for MVS
- OMEGAMON II for SMS
- OMEGAMON II for VTAM
- OMEGAMON XE for CICSplex (previously called CCC for CICS)
- OMEGAMON XE for DB2
- OMEGAMON XE for IBM Cryptographic Coprocessors
- OMEGAMON XE for IMS and IMSplex
- OMEGAMON XE for Mainframe Networks
- OMEGAMON XE for Storage
- OMEGAMON XE for Sysplex (previously called CCC for Sysplex)
- OMEGAMON XE for WebSphere MQ Configuration
- OMEGAMON XE for WebSphere MQ Monitoring
- OMEGAMON XE for WebSphere Integration Brokers
- OMEGAVIEW
About this book

Who should read this book

This manual is a reference for operations staff, systems programmers, and performance analysts who need to interpret messages that are issued by Candle products.

Where to look for more information

For more information related to your product, please see the
- technical documentation CD-ROM that came with your product
- technical documentation information available on the Candle Web site at www.candle.com
- online help provided with your product

We would like to hear from you

Candle welcomes your comments and suggestions for changes or additions to the documentation sets. A user comment form, located at the back of each manual, provides simple instructions for communicating with the Candle Information Development department.

You can also send email to UserDoc@candle.com. Please include "Candle Products Messages Manual" and the volume number in the subject line.
Types of Messages

Standard messages and abend codes

Candle products routinely issue standard messages and displays them on the screen. Messages with the following prefixes are exceptions.

<table>
<thead>
<tr>
<th>Products</th>
<th>Prefix Exceptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>OMEGAMON II for CICS</td>
<td>EB, EU, and EP messages are written to the file or SYSOUT class specified by the RKM2OUTM dataset.</td>
</tr>
<tr>
<td>OMEGAMON II for DB2</td>
<td>EC messages appear as WTO messages on the system operator console, in the RKM2OUTM or RKM2DUMP dataset output, or as messages to TSO user terminals (if the NOTIFY keyword is specified in rhilev.midlev.RKANPAR(KEPOPTN)).</td>
</tr>
<tr>
<td>OMEGAMON II for DBCTL</td>
<td></td>
</tr>
<tr>
<td>OMEGAMON II for IMS</td>
<td></td>
</tr>
<tr>
<td>OMEGAMON II for MVS</td>
<td></td>
</tr>
<tr>
<td>OMEGAMON II for MVS</td>
<td>OM2</td>
</tr>
<tr>
<td>All OMEGAMON II products</td>
<td>KLE, KLU, and KLV messages are written to the RKLVLVLOG dataset.</td>
</tr>
<tr>
<td>All OMEGAMON II products</td>
<td>Messages displayed by additional features, such as PRO for MVS or OBTAIN, are included in this manual.</td>
</tr>
</tbody>
</table>

Note: For OMEGAMON II for MVS and OMEGAMON II for SMS, messages that appear during the operation of OMEGAMON II may be issued from the product, Candle Management Server® (CMS), or Candle subsystem address spaces.

Online messages

OMEGAMON II messages are also available as online documentation for
- OMEGAMON II for DB2
- OMEGAMON II for DBCTL
- OMEGAMON II for IMS
- OMEGAMON II for MVS

These messages are in member KOCMSG5S of thilev.TKANSAM. The online message file is allocated and unloaded during the standard installation procedure. The online messages can be browsed using ISPF or printed with JCL similar to that in the following figure.

FIGURE 1. Sample JCL To Print the Online Message File

```plaintext
//Jobcard
//PRINT EXEC PGM=IEBGENER
//SYSPRINT DD SYSOUT=* 
//SYSIN DD DUMMY
//SYSUT1 DD DISP=OLD,DSN=thilev.TKANSAM(KOCMSG5S)
//SYSUT2 DD SYSOUT=
```
Message numbering

The Candle Products Messages Manual consists of five volumes:

- Volume 1 contains messages with prefixes AOP–ETX.
- Volume 2 contains messages with prefixes EU–KLVM.
- Volume 3 contains messages with prefixes KLVS–KONCT.
- Volume 4 contains messages with prefixes KONV–OC.
- Volume 5 contains messages with prefixes ODC–VEB and the appendixes.

The messages within each of these volumes appear in alphanumeric order by message number. The message number begins with a prefix that identifies the Candle product or component that generated the message. The message text appears on the same line as the message number. Following the message number and message text is one or more of the following:

- an explanation of the message
- a description of the system conditions that generated the message
- a suggested response to the message
- a description of the message type
- a destination for the message
- the severity of the message

Some messages are informational only; others advise you to take an action.

Message prefixes

The following table lists message prefixes for the specified Candle products or components.

<table>
<thead>
<tr>
<th>Product or Component Name</th>
<th>Product</th>
<th>Component</th>
<th>Prefixes</th>
</tr>
</thead>
<tbody>
<tr>
<td>AF/OPERATOR</td>
<td>✔️</td>
<td></td>
<td>AOP, KAO, KAT, KOG, OMG</td>
</tr>
<tr>
<td>Alert Adapter for OG/MVS</td>
<td>✔️</td>
<td></td>
<td>KAM</td>
</tr>
<tr>
<td>Candle Configuration Manager</td>
<td></td>
<td>✔️</td>
<td>KCFCM</td>
</tr>
<tr>
<td>Candle Management Server</td>
<td>✔️</td>
<td></td>
<td>KDS, KFAA, KLC, KLG, KLI, KLS, KMS, KO4</td>
</tr>
<tr>
<td>CCC for CICS</td>
<td>✔️</td>
<td></td>
<td>KCP</td>
</tr>
<tr>
<td>CCC for MQSeries</td>
<td>✔️</td>
<td></td>
<td>KMQ, KQM</td>
</tr>
<tr>
<td>CCC for MQSeries Configuration</td>
<td>✔️</td>
<td></td>
<td>KCF and KMC</td>
</tr>
<tr>
<td>CCC for MQSeries Integrator</td>
<td>✔️</td>
<td></td>
<td>KQI</td>
</tr>
<tr>
<td>CCC for Sysplex</td>
<td>✔️</td>
<td></td>
<td>KOS</td>
</tr>
<tr>
<td>Product or Component Name</td>
<td>Product</td>
<td>Component Prefixes</td>
<td></td>
</tr>
<tr>
<td>------------------------------------------------</td>
<td>---------</td>
<td>-----------------------</td>
<td></td>
</tr>
<tr>
<td>Classic OMEGAMON</td>
<td>✓</td>
<td>CSAA, IA, IN, LSCX, OM, OM0</td>
<td></td>
</tr>
<tr>
<td>CT/Engine</td>
<td>✓</td>
<td>KBB, KDC, KLE, KLU, KLV, KLY</td>
<td></td>
</tr>
<tr>
<td>DEXAN</td>
<td>✓</td>
<td>DX</td>
<td></td>
</tr>
<tr>
<td>End-to-End</td>
<td>✓</td>
<td>ETE</td>
<td></td>
</tr>
<tr>
<td>EPILOG</td>
<td>✓</td>
<td>EB, EC, ED, EI, EO, EP</td>
<td></td>
</tr>
<tr>
<td>OMEGACENTER Gateway for MVS</td>
<td>✓</td>
<td>AOP, KAO, KAT, KOG, OMG</td>
<td></td>
</tr>
<tr>
<td>OMEGAMON Base</td>
<td>✓</td>
<td>CI, CNDL, OB, OBV, OMV</td>
<td></td>
</tr>
<tr>
<td>OMEGAMON for VM</td>
<td>✓</td>
<td>CV, EU, EV, OGN, OV</td>
<td></td>
</tr>
<tr>
<td>OMEGAMON II for CICS</td>
<td>✓</td>
<td>BG, KC2, KOCJ, OC</td>
<td></td>
</tr>
<tr>
<td>OMEGAMON II for DB2</td>
<td>✓</td>
<td>H2C, KD2, O2</td>
<td></td>
</tr>
<tr>
<td>OMEGAMON II for IMS</td>
<td>✓</td>
<td>ATF, DSM, ETX, EVS, ICF, LAT, ML, MRG, OR, OS, OTR, PWA, REG, TRF</td>
<td></td>
</tr>
<tr>
<td>OMEGAMON II for Mainframe Networks</td>
<td>✓</td>
<td>EX, KON</td>
<td></td>
</tr>
<tr>
<td>OMEGAMON II for MVS</td>
<td>✓</td>
<td>EA, KM2, KXDF, OM2, VEB</td>
<td></td>
</tr>
<tr>
<td>OMEGAMON II for SMS</td>
<td>✓</td>
<td>KDF, KRC</td>
<td></td>
</tr>
<tr>
<td>OMEGAMON II for VTAM</td>
<td>✓</td>
<td>EX, KON</td>
<td></td>
</tr>
<tr>
<td>OMEGAMON XE for CICSplex</td>
<td>✓</td>
<td>KCP</td>
<td></td>
</tr>
<tr>
<td>OMEGAMON XE for DB2</td>
<td>✓</td>
<td>KDP</td>
<td></td>
</tr>
<tr>
<td>OMEGAMON XE for IBM Cryptographic Coprocessors</td>
<td>✓</td>
<td>KCG</td>
<td></td>
</tr>
<tr>
<td>OMEGAMON XE for IMS and IMSplex</td>
<td>✓</td>
<td>KIP</td>
<td></td>
</tr>
<tr>
<td>OMEGAMON XE for Mainframe Networks</td>
<td>✓</td>
<td>KN3</td>
<td></td>
</tr>
<tr>
<td>OMEGAMON XE for Storage</td>
<td>✓</td>
<td>KS3</td>
<td></td>
</tr>
<tr>
<td>OMEGAMON XE for Sysplex</td>
<td>✓</td>
<td>KOS, KCN</td>
<td></td>
</tr>
<tr>
<td>OMEGAMON XE for WebSphere MQ Configuration</td>
<td>✓</td>
<td>KCF, KMC</td>
<td></td>
</tr>
<tr>
<td>OMEGAMON XE for WebSphere MQ Monitoring</td>
<td>✓</td>
<td>KMQ</td>
<td></td>
</tr>
<tr>
<td>OMEGAMON XE for WebSphere Integration Brokers</td>
<td>✓</td>
<td>KQI</td>
<td></td>
</tr>
<tr>
<td>OMEGAVIEW</td>
<td>✓</td>
<td>KMV, KSD</td>
<td></td>
</tr>
</tbody>
</table>
Reporting Problems to Candle Support Services

Candle product problems

Some messages suggest that you generate a system dump and forward it to Candle Support Services for more help.

If your Candle product malfunctions, please do the following before you call Candle Support Services:

- Record the error message number and any error codes that the error message displays.
- Record output from the DEBUG screen space, when possible.

To obtain these DEBUG screens, type DEBUG on the INFO-line and press Enter. Your product executes various screen spaces and logs important information to hardcopy.

Note: For OMEGAMON II for CICS, OMEGAMON II for DB2, OMEGAMON II for DBCTL, OMEGAMON II for IMS, and OMEGAMON II for MVS, please fill in the information on the hardcopy of the first debug screen (DEBUG).

- Gather any dumps that the Candle product produces (on cartridge, tape, or hardcopy). You can write product dumps to one or more of the following:

<table>
<thead>
<tr>
<th>Products</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>OMEGAMON II for CICS</td>
<td>the Common Interface SYSABEND DD statement</td>
</tr>
<tr>
<td>OMEGAMON II for DB2</td>
<td></td>
</tr>
<tr>
<td>OMEGAMON II for DBCTL</td>
<td></td>
</tr>
<tr>
<td>OMEGAMON II for IMS</td>
<td></td>
</tr>
<tr>
<td>OMEGAMON II for MVS</td>
<td></td>
</tr>
<tr>
<td>OMEGAMON II for DB2</td>
<td>the O2SNAP dataset</td>
</tr>
<tr>
<td>OMEGAMON II for DBCTL</td>
<td></td>
</tr>
<tr>
<td>OMEGAMON II for IMS</td>
<td></td>
</tr>
<tr>
<td>OMEGAMON II for MVS</td>
<td></td>
</tr>
<tr>
<td>OMEGAMON II for SMS</td>
<td></td>
</tr>
<tr>
<td>OMEGAMON II for VTAM</td>
<td></td>
</tr>
<tr>
<td>OMEGAMON II for OMEGAVIEW</td>
<td></td>
</tr>
<tr>
<td>OMEGAMON II for CICS</td>
<td>the SNAPFILE dataset</td>
</tr>
<tr>
<td>All products</td>
<td>the RKLVLOG and RKLVSNAP datasets</td>
</tr>
<tr>
<td>All products</td>
<td>MPcc dataset</td>
</tr>
</tbody>
</table>

Be prepared to send them to Candle if a Support Services representative requests you to do so. You can also FTP dumps to Candle.

Note: If you send a cartridge or tape, please specify the format, density, and label information.

- Record any error messages that Candle product writes to the system log.
OMEGAMON II collector problems

For the OMEGAMON II products, if the collector malfunctions, please take the following actions before calling Candle Support Services:

- Record the error message number and any codes displayed with the error message.
- Record the output from the collector log.

*Note:* Call Candle Support Services before sending in any dumps produced. Candle can accept dumps on tape, fiche, or hardcopy.
Adobe Portable Document Format

Printing this book

Candle supplies documentation in the Adobe Portable Document Format (PDF). The Adobe Acrobat Reader will print PDF documents with the fonts, formatting, and graphics in the original document. To print a Candle document, do the following:

1. Specify the print options for your system. From the Acrobat Reader Menu bar, select File > Page Setup… and make your selections. A setting of 300 dpi is highly recommended as is duplex printing if your printer supports this option.

2. To start printing, select File > Print… on the Acrobat Reader Menu bar.

3. On the Print pop-up, select one of the Print Range options for
   - All
   - Current page
   - Pages from: [ ] to: [ ]

4. (Optional). Select the Shrink to Fit option if you need to fit oversize pages to the paper size currently loaded on your printer.

Printing problems?

The print quality of your output is ultimately determined by your printer. Sometimes printing problems can occur. If you experience printing problems, potential areas to check are:

- settings for your printer and printer driver. (The dpi settings for both your driver and printer should be the same. A setting of 300 dpi is recommended.)
- the printer driver you are using. (You may need a different printer driver or the Universal Printer driver from Adobe. This free printer driver is available at www.adobe.com.)
- the halftone/graphics color adjustment for printing color on black and white printers (check the printer properties under Start > Settings > Printer). For more information, see the online help for the Acrobat Reader.
- the amount of available memory in your printer. (Insufficient memory can cause a document or graphics to fail to print.)

For additional information on printing problems, refer to the documentation for your printer or contact your printer manufacturer.

Contacting Adobe

If additional information is needed about Adobe Acrobat Reader or printing problems, see the Readme.pdf file that ships with Adobe Acrobat Reader or contact Adobe at www.adobe.com.

Adding annotations to PDF files

If you have purchased the Adobe Acrobat application, you can add annotations to Candle documentation in .PDF format. See the Adobe product for instructions on using the Acrobat annotations tool and its features.
Documentation Conventions

Introduction
Candle documentation adheres to accepted typographical conventions for command syntax. Conventions specific to Candle documentation are discussed in the following sections.

Panels and figures
The panels and figures in this document are representations. Actual product panels may differ.

Required blanks
The slashed-b (\) character in examples represents a required blank. The following example illustrates the location of two required blanks.

\beBA*ServiceMonitor\0990221161551000

Revision bars
Revision bars (|) may appear in the left margin to identify new or updated material.

Variables and literals in command syntax examples
In examples of command syntax for the OS/390, VM, OS/400, and NonStop Kernel platforms, uppercase letters indicate actual values (literals) that the user should type; lowercase letters indicate variables that represent data supplied by the user:

LOGON APPLID (cccccccc)

However, for the Windows and UNIX platforms, variables are shown in italics:

\-candle.kzy.instrument.control.file=\textbf{instrumentation_control_file_name}
\-candle.kzy.agent.parms=\textbf{agent\_control\_file\_name}

\textit{Note: In ordinary text, variable names appear in italics, regardless of platform.}

Symbols
The following symbols may appear in command syntax:

<p>| Table 1. Symbols in Command Syntax |</p>
<table>
<thead>
<tr>
<th>Symbol</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>|</td>
<td>The “or” symbol is used to denote a choice. Either the argument on the left or the argument on the right may be used. Example: \textbf{YES</td>
</tr>
<tr>
<td></td>
<td>In this example, YES or NO may be specified.</td>
</tr>
</tbody>
</table>
Table 1. Symbols in Command Syntax

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Usage</th>
</tr>
</thead>
</table>
| [ ]   | Denotes optional arguments. Those arguments not enclosed in square brackets are required. Example:  
|       | **APPLDEST DEST [ALTDEST]**  
|       | In this example, DEST is a required argument and ALTDEST is optional. |
| { }   | Some documents use braces to denote required arguments, or to group arguments for clarity. Example:  
|       | **COMPARE {workload} - REPORT={SUMMARY | HISTOGRAM}**  
|       | The workload variable is required. The REPORT keyword must be specified with a value of SUMMARY or HISTOGRAM. |
| _     | Default values are underscored. Example:  
|       | **COPY infile outfile - [COMPRESS={YES | NO}]**  
|       | In this example, the COMPRESS keyword is optional. If specified, the only valid values are YES or NO. If omitted, the default is YES. |
Candle Customer Service and Satisfaction

Background

To assist you in making effective use of our products, Candle offers a variety of easy-to-use online support resources.

The Candle Web site provides direct links to a variety of support tools that include a range of services. For example, you can find information about training, maintenance plans, consulting and services, and other useful support resources. Refer to the Candle Web site at www.candle.com for detailed customer service and support information.

Candle Customer Service and Satisfaction contacts

You will find the most current information about how to contact Candle Customer Service and Satisfaction by telephone or e-mail on the Candle Web site. Go to www.candle.com support section, and choose the link to Support Contacts to locate your regional support center.
Candle’s OMEGAMON II for VTAM product employs a subset of the Carnegie Mellon University (CMU) SNMP Library in data collection for versions of TCP/IP greater than V3.2. Such software is subject to the following: Copyright (C) 1998 by Carnegie Mellon University. All Rights Reserved.

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CMU disclaims all warranties with regard to this software, including all implied warranties or merchantability and fitness. In no event shall CMU be liable for any special, indirect or consequential damages or any damages whatsoever resulting from loss of use, data or profits, whether in an action of contract, negligence or other tortious action, arising out of or in connection with the use or performance of this software.
INVALID DATA FORMAT FOR OPERAND name NOT VALID HEX FIELD

Explanation: An error occurred while trying to convert an ALERT with operand data containing a non-hex character.
System Action: The ALERT is not executed and a return code of 4 is issued.
User Response: Correct the operand data and reissue the command.

APPLICATION applid NOT AVAILABLE

Explanation: The application referenced by applid was not available when requesting LOGON.
System Action: Processing continues.
User Response: Check that the spelling of applid is correct and that the application is active. Retry the command.

NAME applname IS ALREADY IN USE

Explanation: The applname you specified is already being used for another VTAM applid.
System Action: Processing continues.
User Response: Check that the spelling of applname is correct.

product version.release COPYRIGHT years CANDLE CORP ALL RIGHTS RESERVED

Explanation: This message lists the product, version, and release number whenever you start or stop the product.
System Action: Processing continues.
User Response: None. This is an informational message only.

taskname UNABLE TO OPEN COMMAND LIB DDNAME=RKANCMD

Explanation: During execution of the specified task, the product was unable to open the command library.
System Action: The product terminates.
User Response: Make sure the command library is allocated to ddname RKANCMD in the startup JCL, then restart the product.
AOP0002  
**taskname UNABLE TO OPEN MESSAGE LOG DDNAME=RKOLOG**  
**Explanation:** During execution of the specified task, the system OPEN SVC failed for the dataset indicated by the RKOLOG DD statement in the product JCL. The product cannot keep a log of message, command, and action activity.  
**System Action:** Processing continues.  
**User Response:** Check the JCL for a valid RKOLOG DD statement. Correct the problem and restart the product.

AOP0003  
**taskname MISSING OR INVALID parmstring PARAMETERS**  
**Explanation:** During execution of the specified task, a syntax error or a missing required parameter was detected on the startup parameter string specified in the JCL procedure.  
**System Action:** The product terminates.  
**User Response:** Examine the parameters for an error. Refer to the *Configuration and Customization Guide* for valid options.

AOP0004  
**taskname product MESSAGE LOG STOPPED**  
**Explanation:** During execution of the specified task, the product stopped logging messages to the RKOLOG dataset. This message is issued as part of the normal shutdown process.  
**System Action:** Processing continues.  
**User Response:** If this message was preceded by message AOP0002, correct the problem indicated by that message and restart the product.

AOP0008  
**product MESSAGE LOG STARTED**  
**Explanation:** The LOG command has been successfully processed. All commands and messages that match a trap entry will be written to the RKOLOG DD statement.  
**System Action:** All commands and messages that match a trap entry will be written to the RKOLOG DD statement.  
**User Response:** None. This is an informational message only.

AOP0009  
**taskname product version.release INITIALIZED**  
**Explanation:** During execution of the specified task, initialization of this product, version, and release, completed. Default settings from user CSECTS have been assigned, and startup commands have been processed.  
**System Action:** Processing continues.  
**User Response:** None. This is an informational message only.

AOP0010  
**taskname product STARTED**  
**Explanation:** Execution of the specified task left the product fully initialized and ready to execute the startup command string.  
**System Action:** The startup CMD string is executed.  
**User Response:** None. This is an informational message only.
**AOP0013**  
*routine CALLED FROM UNKNOWN offset WITH BAD type value*

**Explanation:** An internal message processing routine was called from the specified offset with a bad parameter as follows:

- *type* is either MSGNUM or LENGTH
- *value* is either the bad message number or the length of the bad parameter.

**System Action:** Processing continues.  
**User Response:** Call Candle Customer Support.

**AOP0014**  
*taskname product WAS PASSED UNKNOWN MATCH ENTRY TYPE*

**Explanation:** During execution of the specified task, an internal error occurred between two product modules.

**System Action:** The product terminates.  
**User Response:** Call Candle Customer Support.

**AOP0015**  
*taskname USING CONSOLE ASID address*

**Explanation:** The product recognizes WTOs from the specified address space as being issued by the specified system console task.

**System Action:** Processing continues.  
**User Response:** None. This is an informational message only.

**AOP0016**  
*taskname TOD INTERFACE ACTIVATED*

**Explanation:** During execution of the specified task, the time-of-day trap management services were started.

**System Action:** Processing continues.  
**User Response:** None. This is an informational message only.

**AOP0017**  
*taskname TOD INTERFACE ACTIVATION FAILED*

**Explanation:** While executing the specified task, an internal error occurred during TOD activation.

**System Action:** Processing continues.  
**User Response:** Call Candle Customer Support.

**AOP0021**  
**THE NUMBER OF SUBSYSTEM CONSOLES REQUESTED IS MORE THAN THE NUMBER AVAILABLE**

**Explanation:** Not enough subsystem consoles are available.

**System Action:** Initialization continues with a subset of the total subsystem consoles requested. The SHOW SSCONS command will indicate how many subsystem consoles were actually obtained. The MVS command "D C, SS" displays the status of all MVS subsystem consoles.

**User Response:** For the next IPL, additional subsystem consoles should be made available through PARMLIB (MVS/XA 2.2 or higher) or through an IOGEN (MVS/SP 2.1.7 or lower). For information on adding subsystem consoles, see the *Configuration and Customization Guide*.

**AOP0022**  
**AN ERROR OCCURRED OBTAINING A CONSOLE - RC=(xxxx)**

**Explanation:** One of the requested consoles could not be obtained.

**System Action:** Initialization continues.

**User Response:** Call Candle Customer Support.
AN ERROR OCCURRED DELETING OR DEACTIVATING CONSOLE

Explanation: Console xxxxxxx could not be deleted. Return code from deletion request was xxxx.
System Action: Deletion of consoles continues.
User Response: Issue a "D C, SS" MVS command, and call Candle Customer Support with the results.

ERROR EVALUATING PARAMETER STRING

Explanation: The number of characters used for parameters exceeded 1024. Since this is not possible if all parameters are "legal," an error exists in the parameter dataset.
System Action: The product terminates.
User Response: Check the parameter dataset. If you cannot find an error, call Candle Customer Support.

MISMATCHED QUOTES IN PARAMETER DATASET

Explanation: A closing quote is missing on a line in the parameter dataset. It is illegal to continue lines in the parameter dataset.
System Action: The product terminates.
User Response: Check the quotes in the parameter dataset.

INVALID PARMLIB DATASET DETECTED - PARMLIB INPUT IGNORED

Explanation: The product encountered an invalid PARMLIB dataset.
System Action: The PARMLIB input is ignored.
User Response: Ensure that the PARMLIB DD statement uses LRECL=80 to point to a physical sequential dataset or to a partitioned dataset member.

TRAP trapname IS NO LONGER A VALID ENABLED TRAP

Explanation: A match has occurred for a trap which was disabled or deleted.
System Action: The match is not processed.
User Response: None. This is an informational message only.

OBsolete PARAMETER NOXMS - IGNORED

Explanation: The product encountered an invalid parameter that had been valid for commands dealing with the XMS facility.
System Action: The parameter is ignored.
User Response: Correct the parameter.

CMD( ) PARM VARIABLE SUBSTITUTION FAILED

Explanation: An error involving variable substitution occurred when processing the start CMD( ) parameter string.
System Action: The product ignores the substitution error and continues startup command processing.
User Response: Correct the CMD( ) parameter.
AOP0030  CMD( ) PARM TRUNCATED
Explanation: The startup command string has exceeded the maximum command text length after variable substitution has been completed.
System Action: The startup command text is truncated and execution continues.
User Response: Correct the CMD( ) parameter.

AOP0031  KABINIT: UNABLE TO GET CSA FOR PRODUCT TABLE
Explanation: During startup, the product was unable to obtain sufficient CSA for an essential component.
System Action: The product terminates.
User Response: Determine what is causing the CSA shortage and correct the condition.

AOP0038  KABINIT: UNABLE TO LOAD module
Explanation: Module module was not located during product startup.
System Action: Normal processing continues. Certain facilities or options may not be available.
User Response: Contact Candle Customer Support.

AOP0039  MVS LEVEL DOES NOT SUPPORT EMCS CONSOLES -- DEFAULTING TO SUBSYSTEM CONSOLES
Explanation: Startup parameter CONSOLE(TYPE(EMCS)) was specified, but the MVS level is less than 4.2.
System Action: The product uses subsystem consoles.
Explanation: Use startup parameter CONSOLE(TYPE(SUBSYS)) for the product running on MVS releases before 4.2.

AOP0050  LOGGING FOR MATCH nnnnnnnnn ACTIVATED
Explanation: Message logging to RKOGLOGM, has been activated for match nnnnnnnnn. This message is written to the message log only. It does not appear in SYSLOG or on the console. The message appears as a result of the LOG(’ON’) REXX function.
System Action: Normal processing continues.
User Response: None. This is an informational message only.

AOP0051  LOGGING FOR MATCH nnnnnnnnn DEACTIVATED
Explanation: Message logging to RKOGLOGM, has been deactivated for match nnnnnnnnn. This message is written to the message log only. It does not appear in SYSLOG or on the console. Logging has been deactivated by the REXX LOG(’OFF’) function and will resume as soon as LOG(’ON’) is invoked. Logging for this match resumes with message AOP0050.
System Action: Normal processing continues.
User Response: None. This is an informational message only.
AOP0052  ERROR IN LOADING JES TABLE MODULE.
Explanation: MVS program fetch could not find JES table module which was specified by JESTBL parameter. The module is not in the product load library or an I/O error occurred on the load library.
System Action: Processing is terminated.
User Response: Ensure that the module has been link_edited correctly and that it is either in the product library or in the MVS module search libraries.

AOP0053  ERROR IN LOADING JES3 CONSOLE EXIT ROUTINE.
Explanation: MVS program fetch could not find JES3 console routine. There is a possibility that an I/O error occurred on the load library.
System Action: Processing continues but the JES3 active consoles may not be recognized.
User Response: The module name for JES3 console exit routine has been derived from the JESTBL parameter. A suffix 'E' is attached to the end which makes the JES3 console exit routine name. Make sure the module is link_edited correctly into the product load library.

AOP0054  INVALID CHARACTER 'c' IN SUBSYS PARAMETER
Explanation: An invalid character was found in the SUBSYS name startup parameter. Valid characters are the uppercase alphabets (A-Z), numeric digits (0-9), and the following characters: <(+|$/%_>@".
System Action: Product startup is aborted and terminates.
User Response: Re-specify the SUBSYS startup parameter using a combination of acceptable characters.

AOP0055  name STARTUP PARAMETER REQUIRES requirement - IGNORED
Explanation: The minimum requirement for use of the identified feature is not met.

name                Startup parameter name, e.g. ARM
requirement        Name of required service or environment, e.g. MVS/SP 5.2.0

System Action: The startup option is ignored.
User Response: To use the feature you must have the minimum requirement.

AOP0056  name STARTUP PARAMETER SYNTAX ERROR
Explanation: The startup parameter identified has an invalid syntax.
System Action: Product startup is aborted.
User Response: Correct the syntax of the identified startup parameter and retry.
AOP0059  DOM(dom-id) TIME(time) DATE(date)
Explanation: This message appears in the message log to describe a DOM event that matched a DOM trap. The following information is logged:
- Hexadecimal DOM (delete operator message) id (dom-id)
- time the match occurred (time)
- date the match occurred (date)
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP0060  CID consname IS NOT DEFINED IN THE SYSTEM. MASTER CONSOLE NAME WILL BE USED INSTEAD.
Explanation: The user attempted to define a console name consname for the CID parameter that is not defined in the system.
System Action: The CID parameter is ignored, and the master console name will be used instead.
User Response: Specify an active console name for the CID parameter.

AOP0061  CID consname IS NOT ACTIVE IN THE SYSTEM. MASTER CONSOLE NAME WILL BE USED INSTEAD.
Explanation: The user attempted to define a console name consname for the CID parameter that is not active in the system.
System Action: The CID parameter is ignored, and the master console name will be used instead.
User Response: Specify an active console name for the CID parameter.

AOP0062  RESTORED TOD TRAP SCHEDULING IS NOW ACTIVE.
Explanation: The scheduling of the TOD traps is now synchronized with the rest of processing.
System Action: None.
User Response: None. This is an informational message only.

AOP0063  RESTORED TOD TRAP SCHEDULING SUSPENDED. USE AF TODSTART TO RESUME.
Explanation: The scheduling of the TOD traps is suspended. The TOD traps which are read from the checkpoint dataset will be suspended until the AF TODSTART command is issued.
System Action: None.
User Response: Issue the AF TODSTART command to resume TOD processing for the checkpointed TOD traps.

AOP0064  AF TODSTART IGNORED. RESTORED TOD SCHEDULING IS ALREADY ACTIVE.
Explanation: The scheduling of the TOD traps is already active.
System Action: None.
User Response: None. This is an informational message only.
AOP0065 CID HAS AN INVALID CONSOLE ID/CONSOLE NAME. MASTER CONSOLE ID/CONSOLE NAME WILL BE USED INSTEAD.

**Explanation:** The user attempted to define a CID parameter with the invalid console ID or console name.

**System Action:** The CID parameter is ignored, and the master console ID/console name will be used instead.

**User Response:** Change the CID parameter to a valid console ID/console name.

AOP0066 CONSOLE NAME IS NOT SUPPORTED FOR THIS RELEASE OF MVS. MASTER CONSOLE ID WILL BE USED FOR CID.

**Explanation:** The user attempted to define a CID parameter with a console name that is only supported for MVS Version 4 and above.

**System Action:** The CID parameter will be ignored, and the master console ID will be used for CID.

**User Response:** Change the CID parameter to a valid console ID.

AOP0067 CID consid IS NOT DEFINED IN THE SYSTEM. MASTER CONSOLE ID WILL BE USED INSTEAD.

**Explanation:** The user attempted to define a console ID consid for the CID parameter that is not defined in the system.

**System Action:** The CID parameter is ignored, and the master console ID will be used instead.

**User Response:** Specify an active console ID for the CID parameter.

AOP0068 CID consid IS NOT ACTIVE IN THE SYSTEM. MASTER CONSOLE ID WILL BE USED INSTEAD.

**Explanation:** The user attempted to define a console ID consid for the CID parameter that is not defined in the system.

**System Action:** The CID parameter is ignored, and the master console ID will be used instead.

**User Response:** Specify an active console ID for the CID parameter.

AOP0069 JESTBL PARAMETER IS NOT SPECIFIED.

**Explanation:** JESTBL parameter was not specified.

**System Action:** Processing terminates.

**User Response:** Specify a JESTBL parameter and restart the product.

AOP0074 ENVIRONMENT ERROR: PRODUCT PERSONALITY ADDRESS IS NULL - VARIABLE PROCESSING WILL USE BASE PREFIX

**Explanation:** Variable processing was unable to locate the product personality and, therefore, could not obtain the product personality variable prefix.

**System Action:** Processing will continue using the Base variable prefix.

**User Response:** This message indicates a critical error in processing. Obtain relevant documentation and contact Candle Customer Support.
AOP0075  ENVIRONMENT ERROR: NO SSCT EXTENSION
Explanation: An attempt was made to get the SSCT extension, but it was unsuccessful.
System Action: The request is ignored.
User Response: Contact Candle Customer Support.

AOP0076  ENVIRONMENT ERROR: NO SSCT cccc
Explanation: An attempt was made to get the SSCT block, but it was unsuccessful.
System Action: The request is ignored.
User Response: Contact Candle Customer Support.

AOP0080  RXSEARCH OPTION HAS NOT BEEN SPECIFIED.
Explanation: RXSEARCH command doesn't have its options specified.
System Action: RXSEARCH is not executed.
User Response: Specify the options, and reissue the command.

AOP0081  SEARCH REXX EXEC FIRST IS ALREADY ACTIVE.
Explanation: Search REXX Exec first has already been activated.
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP0082  SEARCH REXX EXEC FIRST IS ACTIVE NOW.
Explanation: Search REXX Exec first has been activated.
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP0083  SEARCH LOAD LIBRARIES FIRST IS ACTIVE NOW.
Explanation: Search load libraries first has been activated.
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP0084  SEARCH LOAD LIBRARIES FIRST IS ALREADY ACTIVE.
Explanation: Search load libraries first has already been activated.
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP0085  MATCH(match#) CONNECTED TO SESSION(name)
Explanation: A match has connected to the specified session to communicate with a full-duplex session partner. This message will not occur for a session unless the TRACE parameter is included on the LOGON command used to start the session.
System Action: Full-duplex communications may now begin between match and session partner.
User Response: None, the message is informational.
AOP0086  MATCH(#) DISCONNECTED FROM SESSION(name)
Explanation: A match has completed full-duplex communications with a session partner and is terminating its connection to the session. This message will not occur for a session unless the TRACE parameter is included on the LOGON command used to start the session.
System Action: Full-duplex communications between match and session partner have been stopped.
User Response: None, the message is informational.

AOP0090  OK
Explanation: A command was issued to the product. The product uses this message as acknowledgment when no other message is appropriate.
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP0091  INVALID COMMAND TABLE - CHECK CSECT KOGCDTBL
Explanation: You called a product command processor in the KOGCDTBL CSECT, but the calling mode was not valid.
System Action: Processing continues.
User Response: This is an internal processing error. Call Candle Customer Support.

AOP0092  name COMMAND PROCESSOR NOT AVAILABLE - NOT LINK-EDITED INTO module LOAD MODULE
Explanation: The command processor name was referenced by the load module module, but the V-type address constant pointing to the CSECT was 0. The command could not be executed.
System Action: Processing continues.
User Response: Examine the linkage editor output for the module. If the command processor is not there, check the assembly listing of KOGCDTBL for errors and omissions.

AOP0093  module RETURN CODE retcode; AOENDCC IS termcode
Explanation: The non-zero return code retcode was returned by the specified module. If the return code value is greater than the value of the user-definable command file termination return code (termcode), the task is terminated.
System Action: Processing continues.
User Response: Execute the command file using the LIST option to locate the statement in error.

AOP0094  COMMAND LINE TOO LONG
Explanation: The total length of a command and its operands is greater than 4096 characters.
System Action: The command terminates with return code 16.
User Response: Shorten the command string and reissue the command.
UNDEFINED TEXT: verb
Explanation: The product did not recognize the specified verb found in a command file.
System Action: If the UNDFTEXT(LOG) parm is specified in the startup PARMLIB, the event is logged.
User Response: If the undefined verb is to be issued in an operator command, either the UNDFTEXT(CMD) parm should be given in the startup PARMLIB or the verb should be made the target of an OPER command.

MATCH NUMBER NNNNNN COMPLETED NORMALLY.
CPU TIME = SSSSSS SECS, MMMMMM MICRO-SECONDS
NNNNNN = MATCH NUMBER
SSSSSS = SECONDS
MMMMMM = MICRO-SECONDS
Explanation: This match information message indicates a match terminated normally and lists the total CPU time used for the match. Messages of this type can be deactivated by issuing the AF MATINFO(OFF) command, which is the default condition. Messages of this type are activated by issuing the AF MATINFO or AF MATINFO(ON) command.
System Action: Normal operation continues.
User Response: None. This is an informational message only.

CMD(text) JOBTYPE(jesid) JOBNAMEn(name) ASID(addressid)
CMDNO(commandnum) TRAP(trapname) CONS(console)
JOBCLASS(class) SYSID(sysid) LINKID(linkid) TIME(time) DATE(date)
CNM(console name)
Explanation: This message appears in the message log to describe a command and originating job that matched a command trap. The following information is logged:
- command text trapped (text)
- command originator job type
- job type (STC, TSU, JOB) and JES job ID (jesid)
- command originator job name (name)
- command originator address space ID (addressid)
- MVS-assigned command number for the trapped command (commandnum)
- name of the trap that caught this command (trapname)
- console from which the command was executed (console)
- jobclass of the job issuing the SVC 34, if any (class)
- issuing system’s name (sysid)
- LINKID where event was transmitted from (linkid)
- time the command was issued (time)
- date the command was issued (date)
- name of the console from which the command was executed (console name)
System Action: Processing continues.
User Response: None. This is an informational message only.
AOP0101  INVALID COMMAND: cmd
Explanation: The specified command is not supported.
System Action: The invalid command is ignored.
User Response: Check that the spelling of the command is correct.

AOP0102  INVALID OPERAND: oper
Explanation: The specified operand is not supported for the command on which it was specified.
System Action: The command is ignored.
User Response: Check that the spelling of the operand is correct and that the correct command was used.

AOP0103  MISSING type OPERAND
Explanation: The specified operand type is missing from a command; this type is required.
System Action: Processing continues.
User Response: Re-enter the command with the required operand.

AOP0110  vmresponse
Explanation: A CP command was issued by the product to VM, and the specified response was received back from VM.
System Action: Processing continues.
User Response: Varies depending on the response.

AOP0111  COMMAND REJECTED - AOCP NOT APF AUTHORIZED
Explanation: A CP command issued by the product was rejected because the issuing internal module (AOCP) was not APF-authorized.
System Action: Processing continues.
User Response: Confirm that AOCP is marked as APF-authorized and resides in an APF-authorized library.

AOP0112  COMMAND REJECTED - NOT RUNNING UNDER VM
Explanation: The product was instructed to issue a CP command, but the host MVS system is not running under VM.
System Action: Processing continues.
User Response: Revise your instructions.

AOP0114  BLOCK DEQUEUED FOR session name, MATCH(match#)
Explanation: A product match has dequeued a block on its receive queue for a VTM1 full-duplex session with which it is connected. This message will only occur when the TRACE parameter is specified on the LOGON command.
System Action: Processing continues.
User Response: None. This is an informational message only.
AOP0115  BLOCK QUEUED FOR session name, MATCH(match#)
Explanation: A product match has queued a block, the outbound queue for a VTM1 full-duplex session with which it is connected. This message will only occur when the TRACE parameter is specified on the LOGON command.
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP0116  BLOCK FOR session name, LENGTH(block length) SEQ (block sequence #)
Explanation: This message accompanies message AOP0115 and gives the length and sequence number of the block being queued. This message will only occur when the TRACE parameter is specified on the LOGON command.
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP0117  MVS SUBPOOL BUFFER STORAGE USED FOR SESSION sessname
Explanation: CT/Engine requested to use a maximum RU size so the buffers will be too large to be obtained from the product storage cell pool. Buffer storage will be obtained from MVS storage subpools. This message is output only if the TRACE parameter is included on the LOGON command.
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP0118  TIMER SERVICES MANAGER STARTED
Explanation: The internal Timer Services manager has been started.
System Action: Normal processing continues.
User Response: None. This is an informational message only.

AOP0119  TIMER SERVICES ABNORMAL TERMINATION, RC=xx.
Explanation: The Timer Services manager encountered a problem and could not continue. Components and facilities which require timer services may not function properly.
System Action: Timer Services will not be restarted unless the product is recycled.
User Response: Check the System Log (SYSLOG) and the Job Log for the product Started Task to see whether there were any additional messages issued at the same time that might give more information on why the abnormal termination occurred. Record the return code and supply Candle Customer Support with the problem documentation.
AOP0120  UNABLE TO FIND HELP FOR command
Explanation: The Help processor cannot find the requested Help text for command.
User Response: If this is user-supplied Help text, the name of the PDS member containing the Help text is the same as the command specified on HELP. Check that you have specified the correct name, and that the Help Dataset containing the text has been allocated to ddname RKANHENU in the product Started Task procedure. For Candle-supplied Help, the PDS member name is different than the command specified on HELP. Check that the Help Dataset(s) supplied with the product has been allocated to ddname RKANHENU and that you have specified the correct command.

AOP0121  I/O ERROR DURING BLDL FOR HELP MEMBER command
Explanation: The Help processor issued a BLDL macro for the PDS member name that contains the Help text. The BLDL macro set a return code indicating that there was an I/O error on the Help dataset.
System Action: The HELP command ends with Return Code x.
User Response: Check the System Log (SYSLOG) and the Job Log for the product Started Task to see whether there were any additional IBM messages issued at the same time that might give more information on why the I/O error occurred. Check to make sure that Help Datasets that are allocated to ddname RKANHENU are all Partitioned Datasets (PDS).

AOP0122  BLDL FAILED FOR HELP MEMBER command
Explanation: The Help processor issued a BLDL macro for the PDS member name that contains the Help text. The BLDL service set a return code indicating errors were encountered that caused the BLDL to fail.
System Action: The HELP command ends with Return Code x.
User Response: Check the System Log (SYSLOG) and the Job Log for the product Started Task to see whether there were any additional IBM messages issued at the same time that might give more information about why the error occurred. Check to make sure that the Help Datasets that are allocated to ddname RKANHENU are all Partitioned Datasets (PDS).

AOP0123  UNABLE TO OPEN HELP DATASET (DDNAME ddname)
Explanation: The Help processor tried to open the dataset(s) allocated to ddname RKANHENU but the open failed.
System Action: The HELP command ends with Return Code x. This message is followed by AOP0127, indicating that the HELP command is not available for use.
User Response: Check the System Log (SYSLOG) and the Job Log for the product Started Task to see whether there were any additional IBM messages issued at the same time that might give more information on why the error occurred. Check to make sure that the Help Datasets that are allocated to ddname RKANHENU are all Partitioned Datasets (PDS).
AOP0124  section NOT FOUND FOR HELP MEMBER command
Explanation: The Help processor did not find the specified section in the help text for command. This could mean, for example, that the user specified 'HELP command OPERANDS', but the OPERANDS section was not coded in the help text for that command.
System Action: The help text for the command is displayed, and the HELP processor sets a Return Code x when it ends.
User Response: If the help text for that command does not specify the section requested, re-issue the HELP command without the invalid section. If the help text does contain the requested section, check that the section specified on the HELP command was spelled correctly.

AOP0125  UNABLE TO LOAD BASE HELP TABLE (table-name)
Explanation: The Help processor could not load the primary help member name translation table. This table is required by the Help processor, and is used to translate help commands into an internal format for Candle supplied help members.
System Action: The Help processor ends with Return Code 16 and message AOP0127 is also issued.
User Response: This could be the result of an incorrect installation. Verify that the installation is correct, and that the load library contains a module called KABTBHLP.

AOP0126  UNABLE TO LOAD HELP TABLE (table-name)
Explanation: The Help processor could not load the optional help member name translation table. This table is used to translate supplemental help commands into an internal format for Candle supplied help members, but is not required.
System Action: The Help processor continues execution.
User Response: None. If there are no supplemental help messages supplied by the product then this table is not required.

AOP0127  HELP COMMAND NOT AVAILABLE DUE TO PREVIOUS ERRORS
Explanation: The Help processor encountered previous errors that prevent it from functioning. When the problems initially occurred additional messages (such as AOP0125) were issued in addition to this message. Subsequent attempts to use the HELP command will cause just this message to be issued.
User Response: Check the System Log (SYSLOG), the Job Log, and the RKOGLOGM for the product Started Task to determine what caused the HELP processor to fail, and which messages were issued in addition to this message to describe the failure. Correct the problems that caused the failure. The HELP command will not be available again until the next time the product is started.
AOP0140  
*matchnumber* CANCEL COMMAND ACCEPTED  
**Explanation:** The product successfully processed an AF CANCEL command to cancel the specified match that appeared to be hung when examined by the SHOW MATCHES command.  
**System Action:** Processing continues.  
**User Response:** None. This is an informational message only.

AOP0141  
MATCH *matchnumber* NOT FOUND  
**Explanation:** The AF CANCEL command was entered, but the match with the specified number was not found on the active match queue.  
**System Action:** Processing continues.  
**User Response:** Enter another SHOW MATCHES command and note the number of the match you want to cancel. Reissue the AF CANCEL command.

AOP0142  
THE AF SNAP COMMAND IS NO LONGER SUPPORTED  
**Explanation:** AF SNAP is no longer supported as a diagnostic tool.  
**System Action:** The command is ignored.  
**User Response:** If you need to capture system dump data to help Candle Customer Support research a problem, please capture it in an IPCS-compatible, machine-readable format, such as in an SVC dump or SYSMDUMP, instead of in an AF SNAP dump.

AOP0143  
INTERNAL MATCH *matchnumber* NOT CANCELLED  
**Explanation:** An AF CANCEL command was issued to cancel a LOGON pseudo-match. LOGON pseudo-matches are for internal use. Cancelling this match may stop the product from functioning correctly.  
**System Action:** Processing continues.  
**User Response:** If you want to cancel this LOGON pseudo-match, you must specify the FORCE parameter. The FORCE parameter should be used with extreme caution.

AOP0144  
*text*  
**Explanation:** An AF QUIET or AF NOQUIET command has an invalid MSG suboperand specification. *text* is the text from the MSG suboperand. Message AOP0144 is accompanied by message AOP0145  
**System Action:** Processing continues.  
**User Response:** Correct the syntax of the MSG suboperand.

AOP0145  
quietcmd MSG SUBOPERAND ERROR AT OR NEAR COLUMN *colno*  
**Explanation:** An AF quietcmd command has an invalid MSG suboperand specification. *colno* indicates the position in the text where the error was detected. Message AOP0145 is accompanied by message AOP0144  
**System Action:** Processing continues.  
**User Response:** Correct the syntax of the MSG suboperand.
AOP0146  INTERNAL ERROR LOCATING QUIET MODE TABLE
Explanation: An internal error has been detected.
System Action: Processing continues. AF QUIET mode will not function, no messages will be suppressed.
User Response: Contact Candle Customer Support.

AOP0147  DUB AS PROCESS OPTION - RETURN VALUE({code}) - RETURN CODE({code}) - REASON CODE({code}) {-msgtext}
Explanation: A DUB AS_PROCESS command was issued to UNIX System Services and a non-zero return value was encountered, either from the command itself or from a QUERY DUB STATUS command issued to determine if the SET DUB command could be honored. In most cases the RETURN VALUE will be a 2, indicating that the address space has already been dubbed.
System Action: Processing continues.
User Response: Check the text message, if any, and the UNIX System Services return codes and take whatever action is indicated by the IBM documentation.

AOP0150  taskname product VERSION version.release IN mode MODE
Explanation: This message is in response to the AF command. It lists the task name, version and release numbers, and the current mode (PROCESS or WARN).
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP0151  OPTIONS IN EFFECT: AOMODE
Explanation: Shows current product processing options, such as:
- CMD - command processing active
- WTO - WTO processing active
- DOM - DOM processing active
- recover - recovery in effect
- autoref - autorefresh in effect
System Action: None.
User Response: None. This is an informational message only.

AOP0152  MEMBER comfile REFRESHED
Explanation: The specified command file was read off disk and rescanned for syntax errors in response to the AF REFRESH command.
System Action: The product refreshes the command file.
User Response: None. This is an informational message only.

AOP0153  MEMBER comfile NOT REFRESHED - PRESCAN ERROR
Explanation: The specified command file was read off disk, but found to have syntax errors. The old copy is still active.
System Action: Processing continues.
User Response: Correct the syntax errors in the command file and reissue the AF REFRESH command.
AOP0154  WARNING: MEMBER comfile NOT REFRESHED - IN USE
Explanation: This message is in response to the AF REFRESH command. The specified command file was not refreshed because it is currently in use by an active match.
System Action: The process of refreshing command files continues.
User Response: Try again. If the match using the command file is hung, use the AF CANCEL command to terminate it. Reissue the AF REFRESH command. If there is no match using the command file, use the DELETE PROC FORCE command to delete it.

AOP0155  refnum PROCESSED - errnum WITH PRESCAN ERRORS - usednum IN USE
Explanation: This message is in response to the AF REFRESH command. It summarizes the number of command files refreshed (refnum), the number of command files not refreshed due to syntax errors in the command files (errnum), and the number of command files not refreshed because they were in use by active matches (usednum).
System Action: Processing continues.
User Response: See messages AOP0153 and AOP0154 if either errnum or usednum have non-zero values.

AOP0156  NOW INTERCEPTING event
Explanation: This message is in response to the AF command being used to activate the interception of one or more of the following specified events: CMD, TOD, or WTO.
System Action: The product is now processing the specified events.
User Response: None. This is an informational message only.

AOP0157  NO LONGER INTERCEPTING event
Explanation: The AF command has deactivated interception of one or more of the following specified events: CMD, TOD, or WTO.
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP0158  NOT INTERCEPTING event
Explanation: The specified events (CMD, TOD, or WTO) deactivated with the AF command were already inactive.
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP0159  ALREADY INTERCEPTING event
Explanation: The specified events (CMD, TOD, or WTO) activated with the AF command were already active.
System Action: Processing continues.
User Response: None. This is an informational message only.
AOP0160 VALUE TOO LONG - VALUE WAS TRUNCATED
Explanation: A LET command was entered, but the value assigned to the variable was too long. The product assigned as much of the value as the variable could contain.
System Action: Processing continues.
User Response: Assign a longer length to the variable using the DCL command, use a different variable, or break the value up into shorter components for assignment to more than one variable.

AOP0161 INVALID VALUE FOR VARIABLE - VALUE NOT CHANGED
Explanation: A LET command was entered, but the variable type (such as CHAR or INT) did not match the value type. The variable remains unchanged by this LET command.
System Action: Processing continues.
User Response: Correct the value being assigned to this variable, change the variable type using the DCL command, or use a new variable of the correct type.

AOP0162 INVALID VARIABLE NAME
Explanation: A LET command was entered to assign a value to a variable, but the variable name was invalid.
System Action: Processing continues.
User Response: Correct the variable name and reissue the LET command.

AOP0163 READ ONLY VARIABLE - VALUE CANNOT BE CHANGED
Explanation: A LET command was entered that attempted to assign a value to a variable whose value cannot be changed by the user. The value of the variable remains unchanged.
System Action: Processing continues.
User Response: Use a different variable that fits your purpose in the LET command.

AOP0164 VARIABLE varname DELETED
Explanation: A DELETE SYSVAR command deleted the specified variable from the system pool variable. Or, a variable name entered in the DELETE command was acceptable to the delete processor.
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP0165 VARIABLE varname NOT FOUND
Explanation: A DELETE SYSVAR command was entered for which no matched variable (varname) was found. Or, the specified variable name entered in the DELETE command was not found by the delete processor.
System Action: Processing continues.
User Response: Issue a SHOW VARS command to verify that the variable to be deleted is in the system variable pool.
AOP0166  VARIABLE varname NOT DELETED
Explanation: A DELETE SYSVAR command or the delete form of the LET command was entered. The specified variable or pattern either found no matched names or the match was a read-only or a product-controlled system variable.
System Action: Processing continues.
User Response: If the variable name begins with the reserved prefix "AO", you cannot delete the variable. If the variable is a user-defined variable that you should be able to delete, call Candle Customer Support.

AOP0170  total TRAPS status
Explanation: This message summarizes the results of a TRAP command, listing the total number of traps affected by the command and the ending status of the traps (DELETED, ENABLED, DISABLED, CHANGED, or ADDED).
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP0171  traptype TRAP trapname status
Explanation: This message is in response to a TRAP command and indicates the resulting status of each trap the command affected. The message lists the trap type, trap name, and trap status (ENABLED, DISABLED, ADDED, CHANGED, or DELETED).
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP0172  MAXIMUM NUMBER OF TRAP ENTRIES DEFINED
Explanation: A TRAP ADD or a WAIT command was attempted, but the TRAP limit assigned at product startup time had been reached.
System Action: Processing continues.
User Response: Delete unnecessary traps, or restart the product with a higher MAXTRP() number. Startup message AOP0712 displays the MAXTRP value in effect for this product session.

AOP0173  traptype TRAP trapname ALREADY DEFINED
Explanation: A TRAP ADD command was attempted with the specified trapname, but a trap by that name and type (CMD, TOD, WTO, XO2, XOC, XOI, or XOM) already existed.
System Action: Processing continues.
User Response: If the new trap is intended to replace an existing trap, use the TRAP CHANGE command on the old trap, or TRAP DELETE the old type before adding the new trap. If the new trap is to be added to the old trap, choose a new name and reissue the TRAP ADD command.
AOP0174  

*traptype TRAP trapname NOT status - TRAP IN USE*

**Explanation:** A TRAP command was entered to change the status (ENABLED, DISABLED, ADDED, CHANGED, or DELETED) and type (CMD, TOD, WTO, XO2, XOC, XO1, or XOM) of the specified trap. However, the trap was in use by an active match, so the command was not executed.

**System Action:** Processing continues.

**User Response:** Wait for the match to complete processing and reissue the command. If the match is hung, display its match number with the SHOW MATCHES command, and terminate it with the AF CANCEL command. Then reissue the TRAP command.

AOP0175  

REQUIRED WTO/CMD/SECONDS KEYWORD MISSING OR ALL ARE NULL

**Explanation:** In a WAIT command, SECONDS was specified with no value field.

**System Action:** The WAIT command terminates with a non-zero error code.

**User Response:** Add a value to the SECONDS parameter and rerun the command file.

AOP0177  

AOTRAP/WAIT ARE MUTUALLY EXCLUSIVE KEYWORDS TRAP ADD/CHANGE REQUEST DENIED, TRAP = trapname

**Explanation:** In the specified trap, trapname, both the AOTRAP and WAIT operands were coded. This is not allowed. The AOTRAP and WAIT trap operands are mutually exclusive options.

**System Action:** The trap add or change does not occur.

**User Response:** Rewrite the trap choosing either the AOTRAP or the WAIT operand.

AOP0178  

NO TRAPS SELECTED FOR trapname - NO TRAPS action

**Explanation:** A TRAP CHANGE, DELETE, ENABLE, or DISABLE, was issued for a trapname that could not be found. Types of action are CHANGED, DELETED, ENABLED, or DISABLED.

**System Action:** Processing continues.

**User Response:** Issue the SHOW TRAP command to verify that the trap exists.

AOP0179  

*traptype TRAP trapname NOT status - DATE/TIME SPECIFIED HAS PASSED*

**Explanation:** A TRAP ADD TOD command was issued for the specified trap name but the current system time was already later than the specified date/time combination. No INTERVAL was specified, so the product was unable to reschedule the event. status is a trap control option specified on the TRAP ADD TOD command.

**System Action:** Processing continues.

**User Response:** Correct the date/time combination or specify an INTERVAL on the TRAP ADD TOD command.
AOP0180  PROGRAM module NOT FOUND  
**Explanation:** The module specified in a CALL command was not found in the allocated libraries.  
**System Action:** The CALL command terminates with return code 16.  
**User Response:** Verify that the module name is correct and is in the libraries searched.

AOP0181  I/O ERROR DURING BLDL FOR PROGRAM module  
**Explanation:** An error occurred while loading the module specified in a CALL command being executed by a trap or command file.  
**System Action:** The CALL command terminates with return code 16.  
**User Response:** Examine the load module library and, if necessary, relink the modules.

AOP0182  RETURN CODE 16 FROM BLDL FOR PROGRAM module  
**Explanation:** An error occurred while loading the module specified in a CALL command being executed by a trap or command file.  
**System Action:** The CALL command terminates with return code 16.  
**User Response:** Call Candle Customer Support.

AOP0183  ATTACH OF PROGRAM module RETURN CODE nn  
**Explanation:** An error occurred while loading the module specified in a CALL command being executed by a trap or command file. The message includes the return code number from the ATTACH macro.  
**System Action:** The CALL command terminates with return code 16.  
**User Response:** Solve the problem indicated by the ATTACH return code.

AOP0184  PROGRAM module ABENDED: USER=usercode, SYSTEM=syscode  
**Explanation:** An error occurred while executing the module specified in a CALL command being executed by a trap or command file. The message includes the user program return code and the system return code.  
**System Action:** The CALL command terminates with return code 16.  
**User Response:** Test the program in a non-product environment to ensure the error is not a programming problem. List the libraries allocated and opened in the product at the time the error was detected to check that all the program resources are available.

AOP0185  PROGRAM module RETURN CODE nn  
**Explanation:** An error occurred while executing the module specified in a CALL command being executed by a trap or command file. The message includes the return code number.  
**System Action:** The CALL command terminates with return code nn.  
**User Response:** No action is required unless the return code was not expected. Check the program to determine why the unexpected return code was generated.
AOP0186  FILENAME ON CALL STATEMENT NOT ALLOCATED/OPENED
Explanation: A CALL command referenced a file that had not been previously allocated or opened by the product.
System Action: The CALL command terminates with return code 12.
User Response: Prepare and execute a command procedure explicitly allocating and opening the filename containing the called module.

AOP0187  ADDRESSED ENVIRONMENT NOT LOGGED ON
Explanation: A VTAM applid issued an unbind before logon processing was completed. The most common reasons this occurs are that the OMEGAMON external security userid/password is not correct or the LOGON command contains an incorrect DATA operand value.
System Action: The LOGON command terminates with return code 16.
User Response: Correct all LOGON command operands and reissue the LOGON command.

AOP0188  ENVIRONMENT NAME IS ALREADY IN USE
Explanation: The applname operand of the LOGON command names an environment that is already in use.
System Action: The LOGON command terminates with return code 16.
User Response: If necessary, specify a different environment name. Use the SHOW LOGONS command to list the environments currently in use.

AOP0189  REQUESTED ADDRESS ENVIRONMENT IS NOT AVAILABLE
Explanation: The environment address specified in an ADDRESS command is not available.
System Action: The ADDRESS command terminates with return code 16.
User Response: Ensure that the requested environment address has been logged on successfully using the LOGON command. The SHOW LOGONS command displays all available environments. Be sure to check the return code of each LOGON command in the product message log.

AOP0190  TEMPORARY WAIT TRAP  trapset add/delete
Explanation: A WAIT command was executed in a command file. This caused a temporary WTO or CMD trap set to be ADDED and then DELETED (action) when the awaited message or command arrived. This message appears only in the product message log.
System Action: Processing continues.
User Response: None. This is an informational message only.
AOP0196  

*traptypes TRAP traptypes NOT status - TRAP IS FOR INTERNAL USE*

**Explanation:** A TRAP command was entered to change the status (to deleted or disabled) of the specified *trapname*. And *traptypes*. This trap is for internal use and changing its status may stop the product from functioning.

**System Action:** Processing continues.

**User Response:** This trap was probably selected because the scope of the name pattern was wider than intended, for example:

```
TRAP DEL(*).
```

If you want to change the status of this trap, you must specify the FORCE parameter. The FORCE parameter should be used with extreme caution.

AOP0200  

**MODULE NOT LINKED INTO module**

**Explanation:** A subroutine of the SHOW command processor was not linked into the specified product load module.

**System Action:** The SHOW command terminates with return code 12. This message is followed by message AOP0093.

**User Response:** Call Candle Customer Support.

AOP0201  

**showdata**

**Explanation:** This message is a detail line in response to a SHOW command. Its format is determined by the item being shown and the FORMAT option of the SHOW command. See messages AOP0210, AOP0220, AOP0230, AOP0240, and AOP0250 for a description of this message’s contents.

**System Action:** Processing continues.

**User Response:** None. This is an informational message only.

AOP0202  

**SSID LINKID ORD PRODUCT JOBNAME STATE DATE TIME**

**Explanation:** This message is a title line in response to a SHOW OG command. Message AOP0203 follows this message showing details about the product address spaces found on the current MVS system.

**System Action:** Processing continues.

**User Response:** None. This is an informational message only.

AOP0203  

**nnnn llllllll ooo pppppppppppp jjjjjjjj ssss yy.ddd hh:mm**

**Explanation:** This message is a detail line in response to a SHOW OG command. One detail line is displayed for each product address space found in the current MVS system. If multiple product address spaces are found, the detail lines are displayed by ascending relative order.

The following fields are displayed in the message:

- **nnnn**  
  SUBSYS name of the product address space.

- **llllllll**  
  LINKID of the product address space.

- **oooo**  
  Relative order (hexadecimal integer value) for the product address space.

- **pppppppppppp**  
  Product name.

- **jjjjjjjj**  
  JOB name of the product address space. This field is blank if the product address space has terminated.
**ssss**
State of the product address space. Values displayed in this field are UP or DOWN. UP indicates that the address space is executing. DOWN indicates the address space has terminated. Note that terminated address spaces may be restarted.

**yy.ddd**
Julian date indicating when the last state change occurred.

**hh.mm**
Time at which the last state change occurred.

**System Action:**  Processing continues.

**User Response:**  None. This is an informational message only.

**AOP0208**

*total ITEMS SHOWN*

**Explanation:**  This message summarizes the results of a SHOW command, listing the total number of items shown. It is preceded by one or more AOP0201 messages.

**System Action:**  Processing continues.

**User Response:**  None. This is an informational message only.

**AOP0209**

**NO DATA FOUND TO SHOW**

**Explanation:**  A SHOW command was entered, but no items were found that match the selection criteria.

**System Action:**  Processing continues.

**User Response:**  If you used a pattern in the SHOW command, verify that it is correct.

**AOP0210**

*showdata*

**Explanation:**  A SHOW command was entered; this message is the default title message for displays. Use the TITLE option of the SHOW command to change it.

**System Action:**  Processing continues.

**User Response:**  None. This is an informational message only.

**AOP0220**

**SCOPE VARIABLE VALUE**

**Explanation:**  A SHOW VARS command was entered; this message is the default title message for the variables display. Use the TITLE option of the SHOW command to change it. It will be followed by one or more AOP0201 messages providing the scope, variable name, and current value.

**System Action:**  Processing continues.

**User Response:**  None. This is an informational message only.

**AOP0230**

**STATUS MATNUM TYP TRAPNAME ASID JESJOBID JOBNAME**

**Explanation:**  A SHOW MATCHES command was entered; this message is the default title message for the match display. Use the TITLE option of the SHOW command to change it. It will be followed by one or more AOP0201 messages providing the match status (active or inactive), match number, match type (WTO or CMD), associated trap name, address space ID of the command or message issuer, JES job ID, and job name.

**System Action:**  Processing continues.

**User Response:**  None. This is an informational message only.
AOP0240 --ENTRY- --WORD2- SVC DESCRIPTION TYP ATTRS/LOCKS
Explanation: A SHOW SVC command was entered; this message is the default title message for the SVC display. Use the TITLE option of the SHOW command to change it. This message will be followed by one or more AOP0201 messages providing the SVC entry number, second 4 bytes of the entry, description (**available SVC entry ** GETMAIN), SVC type (1, 2, etc.), attributes (APF, ESR, NP, or ASF), and locks associated with the SVC (LOCAL, CMS, OPT, SALLOC, or DISP).
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP0250 --SSCT-- NAME -STATUS- DESCRIPTION
Explanation: A SHOW SSCT command was entered; this message is the default title message for the SSCT display. Use the TITLE option of the SHOW command to change it. This message will be followed by one or more AOP0201 messages providing the SSCT address, 4-character subsystem name, subsystem status (active or inactive), and a description of the subsystem.
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP0260 nn type CONSOLES DEFINED TO product prefix conskey
Explanation: This message displays the number of consoles that the product obtained along with the type of console and, if EMCS consoles, the prefix and key specified on the console startup parameter.
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP0261 type CONSOLE consoleid migid; IN USE BY MATCH matchnum
Explanation: The specified console is actively processing a command response from an OPER command executing under the specified match number. A value for the migid is only displayed if MIGID(Y) was specified on the console startup parameter.
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP0262 type CONSOLE consoleid migid; IN USE BY environment USER userid
Explanation: The specified console is currently in use by the specified non-product environment (for example, TSO) and user ID. A value for the migid is only displayed if MIGID(Y) was specified on the console startup parameter.
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP0263 type CONSOLE consolenum migid IS NOT IN USE
Explanation: The specified console is currently inactive. A value for the migid is only displayed if MIGID(Y) was specified on the console startup parameter.
System Action: Processing continues.
User Response: None. This is an informational message only.
AOP0264  
$type$ CONSOLE consolenum migid IS DISABLED

**Explanation:** The specified console is currently disabled. (i.e. Message AOP0340 has been issued for this console do to a non zero return code from IBM’s MCSOPER macro the last time we attempted to ACTIVATE/DEACTIVATE the console. A value for the migid is only displayed if MIGID(Y) was specified on the console startup parameter.

**System Action:** Processing continues.

**User Response:** None. This is an informational message only.

AOP0270  
MEMORY AT $address$ MODIFIED FOR A LENGTH OF $length$ BYTES

**Explanation:** This message provides part of an audit trail for storage altered using the REXX functions STORAGE() and RSTORAGE(). This part indicates the address and length of the alteration.

**System Action:** Processing continues.

**User Response:** None. This is an informational message only.

AOP0271  
OLD DATA = $olddata$ - NEW DATA = $newdata$

**Explanation:** This message provides part of an audit trail for storage altered using the REXX functions STORAGE() and RSTORAGE(). This part indicates the contents before and after alteration.

**System Action:** Processing continues.

**User Response:** None. This is an informational message only.

AOP0272  
IMSCMD BMP STARTED FOR IMSID $imsid$

**Explanation:** A REXX exec issued an IMSCMD("$imsid","START") function call. The BMP used by IMSCMD to interface with IMS has been successfully started in the IMS region associated with the IMSID $imsid$.

**System Action:** Processing continues.

**User Response:** None. This is an informational message only.

AOP0273  
IMSCMD BMP $stop$type FOR IMSID $imsid$

**Explanation:** The BMP used by the REXX IMSCMD() function to interface with IMSID $imsid$ has ended. This can happen in response to a REXX exec issuing an IMSCMD("$imsid","STOP") function call, in response to IMS terminating the BMP, or in response to the BMP abending.

**System Action:** Processing continues.

**User Response:** None. This is an informational message only.

AOP0274  
IMSCMD BMP RESLIB $reslib$ NOT ALLOCATED.

**Explanation:** The IMSCMD syntax specified a ddname for a specific IMS RESLIB to be used for this invocation of the command. This library must be preallocated.

**System Action:** Rexx program ends with RC(32).

**User Response:** Allocate the dataset and reissue the command.
AOP0275  IMSCMD BMP RESLIB reslib OPEN FAILED.
Explanation: The IMSCMD syntax specified a ddname for a specific IMS RESLIB to be used for this invocation of the command. The IMSCMD program was unable to open this file.
System Action:  Processing stops with a return code 36.
User Response:  Check the JOBLOG for IBM messages relating to this dataset and correct any errors. Reissue the command.

AOP0280  # MONITORED :
# SELECTED :
% SELECTED :
# SUPPRESSED :
% SUPPRESSED :
# ALTERED :
SMF STATS
Explanation: The SHOW STATS command was issued and displays a report of WTO/WTOR, COMMAND and DOM statistics. Additionally the current SMF reporting options and status are displayed. Two AOP2021 message lines form the header. A series of AOP0280 and AOP0281 messages containing the statistical information follow. For example:

<table>
<thead>
<tr>
<th>AOP021 product</th>
<th>ACTIVITY SUMMARY REPORT</th>
</tr>
</thead>
<tbody>
<tr>
<td>AOP021 product</td>
<td>---WTO/WTOR</td>
</tr>
<tr>
<td>AOP0280 # MONITORED</td>
<td>8594</td>
</tr>
<tr>
<td>AOP0280 # SELECTED</td>
<td>4222</td>
</tr>
<tr>
<td>AOP0280 % SELECTED</td>
<td>49</td>
</tr>
<tr>
<td>AOP0280 # SUPPRESSED</td>
<td>4079</td>
</tr>
<tr>
<td>AOP0280 % SUPPRESSED</td>
<td>47</td>
</tr>
<tr>
<td>AOP0280 # ALTERED</td>
<td>0</td>
</tr>
<tr>
<td>AOP0281 # Time-of-Day Events Triggered: 0</td>
<td></td>
</tr>
<tr>
<td>AOP0280 SMF STATS(COLLECT(NONE),SMFREC(200))</td>
<td></td>
</tr>
<tr>
<td>AOP0280 SMF STATS CURRENTLY: INACTIVE</td>
<td></td>
</tr>
</tbody>
</table>

System Action:  Processing continues.
User Response:  None. This is an informational message only.

AOP0281  # TIME-OF-DAY EVENTS TRIGGERED: nn
Explanation: The SHOW STATS command was issued and displays the number of triggered time-of-day events. This message appears following a series of AOP0280 messages.
System Action:  Processing continues.
User Response:  None. This is an informational message only.
AOP0290  
*showdata*

**Explanation:** A SHOW LOGONS command was entered. This message is the default title message for displays. Use the TITLE option of the SHOW command to change it.

**System Action:** Processing continues.

**User Response:** None. This is an informational message only.

AOP0291  
**NO product ENVIRONMENTS ARE CURRENTLY ACTIVE**

**Explanation:** A SHOW LOGONS command was entered, but no environments are logged on.

**System Action:** Processing continues.

**User Response:** None. This is an informational message only.

AOP0292  
**ENVIRONMENT(environment) APPLID(aplid) TYPE(environtype)**

**Explanation:** A SHOW LOGONS command was entered. This is the first of two alternating detail lines that show the values of the specified LOGON command operands. Message AOP0293 contains the second detail line.

**System Action:** Processing continues.

**User Response:** None. This is an informational message only.

AOP0293  
**USERID(userid) USERDATA(userdata) INTERVAL(interval)**

**Explanation:** A SHOW LOGONS command was entered. This is the second of two alternating detail lines that show the values of the specified LOGON command operands. Message AOP0292 contains the first detail line.

**System Action:** Processing continues.

**User Response:** None. This is an informational message only.

AOP0294  
*total ENVIRONMENTS LOGGED ON*

**Explanation:** This message summarizes the results of the SHOW LOGONS command, listing the total number of environments logged on.

**System Action:** Processing continues.

**User Response:** None. This is an informational message only.

AOP0300  
**WTO(text)**

**Explanation:** This message is written to the message log whenever a WTO or OMEGAMON exception trap is matched. It provides the WTO or OMEGAMON exception text matched by the trap (text).

**System Action:** Processing continues. Message AOP0301 follows this message.

**User Response:** None. This is an informational message only.
AOP0301  JOBTNYP(type jesid)  JOBNAME(name)  ASID(address)  WTONO(commandnum)  TRAP(trapname)  ROUT(routecode)  DESC(descode)  CONS(consoleid)  REPID(replyid)  JOBCLASS(jobclass)  SYSID(sysid)  LINKID(linkid)  TIME(time)  DATE(date)  CNM(console name)

**Explanation:** This message follows message AOP0300 and is written to the message log whenever a WTO or OMEGAMON exception trap is matched. It provides the following information for the address space that issued the event matching the trap.

- The job type (STC, TSU, JOB) and JES job ID. (type jesid).
- The job name (name).
- The address space ID (address)
- The MVS message or command number (commandnum)
- The trap name (trapname).
- The route code (if any) for the message (routecode).
- The descriptor code for the message (descode).
- The console ID (consoleid).
- The WTOR reply ID (if any) (replyid).
- The job class (jobclass).
- The system name where the WTO event originated (sysid).
- The LINKID transmitting the WTO event (linkid).
- The system time, in hh:mm:ss format (time).
- The system date, in mm/dd/yy format (date).
- The name of the console from which the command was executed (console name).

**System Action:** Processing continues.

**User Response:** None. This is an informational message only.

AOP0310  TOD(action)  TRAP(name)  TIME(time)  DATE(date)

**Explanation:** This message is written to the message log whenever a TOD trap is triggered. It lists the action specified in the original trap, the trap name, the time specified in the trap, and the date specified in the trap.

**System Action:** Processing continues.

**User Response:** None. This is an informational message only.

AOP0320  INVALID REQUEST POSTED TO AOSTIMER

**Explanation:** This message indicates an internal error in the TOD interface.

**System Action:** The product terminates.

**User Response:** Restart the product to reactivate the TOD interface.
AOP0321  product TOD INTERFACE DEACTIVATED
Explanation: Either the internal timer facility encountered an error and could not continue, or the product is terminating.
System Action: If this message is issued during termination, the termination process continues. Otherwise, the product continues without timer services.
User Response: If this message is issued as part of normal termination, no response is needed. Otherwise, call Candle Customer Support.

AOP0330  ACTION MISSED FOR TOD TRAP trapname: NOMATENT
Explanation: A match entry was needed to process the action for the specified TOD trap, but none were available.
System Action: Processing continues.
User Response: If this happens more than once, increase the MAXMAT startup option and recycle the product.

AOP0331  TOD CHECKPOINT I/O RETURN: retcode FROM #WRITE
Explanation: An I/O error was detected while attempting to write a checkpoint record. The message lists the return code.
System Action: The product terminates.
User Response: Reallocate the checkpoint dataset and then recycle the product.

AOP0332  NO BUFFER AVAILABLE TRAP trapname WILL BE DELETED OR RESCHEDULED
Explanation: There is no buffer available to perform the TOD trap.
System Action: The TOD trap is either deleted or rescheduled, according to the INTERVAL parameter on the TOD trap.
User Response: Increase MAXMAT. You may also want to increase the region size, depending on how much you increase the MAXMAT. Restart the product.

AOP0339  REQUESTED CONSOLE (console_name) IS DISABLED. LOOK FOR PRIOR AOP0340 MESSAGE FOR THAT CONSOLE.
Explanation: A specific consoles has been requested on an 'OPER RESP’ command and that console has been disabled by a prior attempt to use it.
System Action: The match is canceled.
User Response: Use another console or recycle AF/OPERATOR. An attempt should be made to determine why the console was disabled and corrective action taken before the product is recycled.
AOP0340  A LOGIC ERROR OCCURRED WHILE PROCESSING THE OPER COMMAND (RC = retcode)
Explanation: A logic error occurred while processing the OPER command. The reason codes are:

04   Product not APF authorized.
08   MVS command invalid.
12   Auth parm invalid.
20   Product not available.

System Action: The OPER Command terminates with return code 76.
User Response: Call Candle Customer Support.

AOP0341  OPER command failed: all consoles busy
Explanation: The OPER command could not obtain a response because all consoles defined to the product were already in use.
System Action: The OPER command terminates with return code 24.
User Response: Increase the CONSOLE(LIMIT) initialization parameter, or use the WAIT parameter on the OPER command.

AOP0342  OPER COMMAND FAILED; UNABLE TO OBTAIN SUFFICIENT STORAGE IN CSA
Explanation: The OPER command attempted to obtain 7K of CSA for a response buffer, but it was unavailable.
System Action: The OPER command terminates with return code 16.
User Response: Make sure there is sufficient CSA for all applications.

AOP0343  OPER COMMAND FAILED; UNABLE TO ESTABLISH ESTAE
Explanation: The OPER command could not establish a recovery environment.
System Action: The OPER command terminates with return code 16.
User Response: Call Candle Customer Support.

AOP0344  OPER COMMAND FAILED; UNABLE TO OBTAIN SUFFICIENT STORAGE IN the product PRIVATE AREA
Explanation: The OPER command attempted to GETMAIN storage in the private area.
System Action: The OPER command terminates with return code 16.
User Response: Increase the region parameter in the product startup procedure.

AOP0345  OPER COMMAND RESPONSE IS INCOMPLETE
Explanation: The command response required more than 7K of CSA to obtain the response buffer. The product attempted to get another response buffer but the attempt failed.
System Action: The OPER command returns the incomplete response to the command file, and returns with return code 16.
User Response: Make sure there is sufficient CSA for all applications.
AOP0346  OPER COMMAND FAILED. SYSID PARAMETER IS UNSUPPORTED
Explanation: The SYSID operand is not valid for the OPER command.
System Action: The OPER command is ignored.
User Response: Call Candle Customer Support.

AOP0347  OPER COMMAND FAILED; BAD RETURN CODE FROM AOLINES
Explanation: An internal error occurred while processing the OPER command.
System Action: The OPER command terminates with return code 16. A return code of 8 indicates the OPER command with the RESP parameter failed to create line variables. This problem occurs when MVS is heavily loaded and fails to return RESP data.
User Response: Call Candle Customer Support.

AOP0348  CONSOLE RECOVERY INITIATED
Explanation: An error occurred while a product console was active.
System Action: The product attempts to recover from the error.
User Response: If the condition persists, call Candle Customer Support. If the message is not followed by message AOP0349, then a product restart may be required to use the subsystem console.

AOP0349  CONSOLE RECOVERY SUCCESSFUL
Explanation: The product successfully recovered the console.
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP0350  OPER COMMAND FAILED; NO CONSOLES DEFINED
Explanation: No consoles are defined to the product.
System Action: The OPER command ends with return code 32.
User Response: Start the product with a CONSOLE(LIMIT) startup parameter value greater than zero.

AOP0350  AONOJES SCRIPT HAS COMPLETED
Explanation: This is the normal AONOJES shutdown message.
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP0351  OPEN OF SYSIN FILE FAILED
Explanation: The script file did not open correctly. The file must be a sequential dataset or member of a PDS. Its LRECL is assumed to be 80.
System Action: AONOJES terminates.
User Response: Ensure the SYSIN for AONOJES is LRECL 80; call Candle Customer Support.

AOP0352  UNABLE TO FREE RESPONSE BLOCK
Explanation: The product was unable to free an OPER RESP Response Block.
System Action: Processing continues.
User Response: Call Candle Customer Support.
AOP0352  PROGRAM NOT APF AUTHORIZED
Explanation: AONOJES must be an APF-authorized program executing out of an authorized library to perform its functions.
System Action: AONOJES terminates.
User Response: Ensure AONOJES is APF authorized.

AOP0353  OPER COMMAND FAILED; NAMED CONSOLE IS BUSY
Explanation: The console named in the CONSOLE operand of the OPER command was busy.
System Action: The OPER command ends with return code 48.
User Response: Use the WAIT operand on the OPER command, or use a console with a different name (or a default name).

AOP0353  WAIT STATEMENT MISSING REQUIRED SECONDS
Explanation: The WAIT command must specify a decimal number of seconds.
System Action: The wait command is terminated.
User Response: Modify the WAIT command.

AOP0354  WAIT STATEMENT SECONDS NOT NUMERIC
Explanation: The seconds value specified in a WAIT command must be specified in decimal form.
System Action: AONOJES continues with the next command.
User Response: Specify the number of seconds using a decimal number.

AOP0355  NO WTOR OUTSTANDING FOR REQUESTED JOBNAME
Explanation: The jobname specified on a REPLY command was found to be active, but there is no reply outstanding. The search for a reply is conducted 3 times, at 5 second intervals, to overcome a possible timing problem.
System Action: AONOJES continues with the next command.
User Response: Specify the number of seconds using a decimal number.

AOP0356  JOBNAME ON REPLY NOT ACTIVE
Explanation: The jobname specified on a REPLY command was not found to be active in the system.
System Action: AONOJES continues with the next command.
User Response: Specify an active jobname on the REPLY command.

AOP0357  REPLY STATEMENT MISSING REQUIRED TEXT
Explanation: A REPLY command does not contain any reply text.
System Action: AONOJES continues with the next command.
User Response: Supply the appropriate text.

AOP0358  REPLY STATEMENT JOBNAME INVALID
Explanation: The jobname on a REPLY command is invalid. Jobnames may be from 1-8 characters long.
System Action: AONOJES continues with the next command.
User Response: Specify the jobname again using correct syntax. Be sure the required closing parenthesis is present in the correct position.
AOP0361  A WTO SPECIFIED SYSID, BUT MSMF IS NOT ACTIVE.
Explanation: An attempt was made to send something through the Multi-System Management Facility (MSMF), but MSMF is not active.
System Action: The match will be terminated.
User Response: Bring MSMF links up or find out why they are not active.

AOP0362  SYSID sys DOES NOT SUPPORT CONSOLE NAMES
Explanation: The user attempted to send a WTO or OPER with a console name specified to an MVS system that does not support console names.
System Action: The WTO or OPER command is not executed, and a return code of 16 is issued.
User Response: Change the CONSOLE parameter on the WTO or OPER command to a console ID that is valid on the system specified on the SYSID parameter. Otherwise, change the SYSID parameter to specify an MVS system that supports that console name.

AOP0363  WTO/WTOR MESSAGE LENGTH TOO LONG - TRUNCATED TO 125 CHARACTERS
Explanation: Before attempting to issue a WTO or WTOR, a message length greater than 125 characters was detected, which would cause the command to fail.
System Action: The WTO/WTOR command is truncated to a length of 125 characters before being executed. A return code of 4 is issued to warn of the truncation.
User Response: Before retrying, ensure that your WTO or WTOR message length, including any MSGID, does not exceed the 125 character maximum.

AOP0364  OPER command failed: no consoles defined
Explanation: No console were defined in the startup parameters. See CONSOLE parameter in the Configuration Guide.
System Action: The command is not processed.
User Response: Correct the startup parameters and restart AF/Operator.

AOP0365  Unable to free Response Block
Explanation: Internal Error.
System Action: The system continues processing.
User Response: Take a console dump and report the problem to Candle.

AOP0366  OPER command failed: named console is busy
Explanation: The console specified on the OPER command was busy and either no WAIT parameter was specified or the WAIT time has expired.
System Action: The command is not processed.
User Response: Determine why the console was busy. Use a longer time in the WAIT parameter. Don’t specify a specific console on the command.
AOP0370  INVALID PARMLIST DETECTED, IMSOPER CMD TERMINATED FOR CTLEGN COMMAND cmdtext NOT PROCESSED
Explanation: The product encountered an invalid parameter list while trying to process $ACTIVE for the control region CTLEGN when the specified command was issued.
System Action: The command is not processed and return code 16 is issued.
User Response: Take an SVC dump and call Candle Customer Support.

AOP0371  CONTROL REGION region NOT CURRENTLY ACTIVE COMMAND cmdtext NOT PROCESSED
Explanation: The specified IMS control region was not active when the specified command was issued.
System Action: The command is not processed and return code 16 is issued.
User Response: Retry the command after the control region is started.

AOP0372  NO OUTSTANDING REPLYID FOUND FOR CTLEGN, COMMAND cmdtext NOT PROCESSED
Explanation: There was no outstanding REPLYID for the requested control region when the specified command was issued.
System Action: The command is not processed and one of the following return codes is issued.

0   OK
6   No outstanding reply ID found
16  One of the following:
   - Invalid syntax.
   - IMS control region not active.
   - Argument error in reply ID parmlist encountered.
   - Received non-zero return code from IMS region.

User Response: Verify that the correct task name is being used. Verify outstanding REPLYID and reissue the command.

AOP0373  ARGUMENT ERROR IN REPLYID PARMLIST ENCOUNTERED, IMSOPER CMD FOR REGION region CMD=cmdtext TERMINATED
Explanation: There was an invalid argument being processed by $REPID for the specified IMS control region and command.
System Action: The command is not processed and return code 16 is issued.
User Response: Take an SVC dump and call Candle Customer Support.

AOP0374  RECEIVED NON ZERO RETURN CODE TRYING TO ISSUE COMMAND cmdtext FOR REGION region, COMMAND TERMINATED
Explanation: There was an error issuing SVC34 for the specified control region and command.
System Action: The command is not processed and return code 16 is issued. AONOJES terminates the command with return code 16.
User Response: Take an SVC dump and call Candle Customer Support.
AOP0379  NVALERT 'ACTS' PARAMETER MAY NOT BE SPECIFIED ALONG WITH 'USER', 'FAIL', OR 'INST'  
Explanation: Invalid syntax in the NVALERT command. ACTS may not be specified if one of the other listed parameters is present.  
System Action: The NMVT is not generated.  
User Response: Correct the NVALERT syntax and retry.

AOP0380  UNABLE TO OPEN THE ALERT ACB=applid RPLRTNCD=nn  
RPLFDBK2=nn  
Explanation: An error occurred during VTAM OPEN ACB processing of the ALERT ACB.  
System Action: The ACB is not opened and the ALERT is not processed. A return code of 12 is returned in ALOASTCC.  
User Response: Refer to the IBM VTAM Programming Guide for RPL return code meanings and responses to determine the actions to be taken.

AOP0381  FAILURE ENCOUNTERED FOR ACB=applid RPLRTNCD=nn  
RPLFDBK2=nn  
Explanation: An error occurred during VTAM processing of an ALERT request.  
System Action: The ALERT in progress is terminated. A return code of 16 is returned in ALOASTCC.  
User Response: Refer to the IBM VTAM Programming Guide for RPL return code meanings and responses to determine the action to take.

AOP0382  ALERT APPLICATION ACB SUCCESSFULLY OPENED.  
Explanation: The product Alert ACB has been opened.  
System Action: A SSCP-LU session is now available for alert forwarding.  
User Response: None. This is an informational message only.

AOP0383  ALERT SUBTASK NOT STARTED STORAGE SHORTAGE OBTAINING AME STACK RC=  
Explanation: A storage shortage prevented the creation of the NetView ALERT MESSAGE ENTRY (AME) stack. The AME is a product control block built for each ALERT sent to NetView.  
User Response: Increase storage in the product region and try again.

AOP0384  ALERT SUBTASK NOT STARTED ANCHOR SERVICES ERROR ENCLOSED RC=  
Explanation: Indicates a failure of an internal service.  
User Response: Call Candle Customer Support.

AOP0385  ALERT SUBTASK NOT STARTED ERROR ENCOUNTERED PROCESSING MODCB RC=  
Explanation: A VTAM MODCB service request failed.  
User Response: Use the return code to determine the reason for the failure. Correct and retry.
**AOP0386**  
**ALERT SUBTASK NOT STARTED**  
**Explanation:** An OPEN VTAM ACB to NetView failed because NetView was not up.  
**System Action:** The NetView ALERT command fails. Processing continues.  
**User Response:** Start NetView and reissue NetView ALERT command.

**AOP0387**  
**ALERT TASK TERMINATED NORMALLY.**  
**Explanation:** Alert processing has terminated normally.  
**System Action:** Alert processing terminates. Processing continues.  
**User Response:** None. This is an informational message only.

**AOP0388**  
**ALERT SUBTASK NOT STARTED STORAGE SHORTAGE**  
**Explanation:** A storage shortage prevented creation of the indicated VTAM control block.  
**System Action:** The NetView ALERT command fails. Processing continues.  
**User Response:** Increase storage in the product region and try again.

**AOP0389**  
**ALERT PROCESSING TERMINATED BY:**  
**VTAM HALT**  
**VTAM ABENDING**  
**SESSION UNBIND**  
**VTAM HALT NET,QUICK OR V NET,INACT,I OR F**  
**Explanation:** Alert processing failure is due to the indicated VTAM event.  
**System Action:** The NetView alert task terminates. Processing continues.  
**User Response:** Reactivate the VTAM resource and try again.

**AOP0390**  
**NVALERT MAIN TASK SUCCESSFULLY INITIATED**  
**Explanation:** The product ALERT generator subtask has been started. NetView ALERTS may now be executed by the PROCESS command.  
**System Action:** The ALERT subtask is started, and the NVALERT ACB is opened.  
**User Response:** None. This is an informational message only.

**AOP0391**  
**REQUIRED 'ACTION' NOT PRESENT**  
**Explanation:** An NVALERT command was processed that did not contain a recommended action.  
**System Action:** An ACTS, INST, FAIL OR USER operand must be specified.  
**User Response:** Correct the ALERT and reissue it.

**AOP0392**  
**NVALERT MAIN TASK ATTACH HAS FAILED RETURN CODE = retcode**  
**Explanation:** The attach of the NVALERT task failed.  
**System Action:** NVALERT processing is unavailable.  
**User Response:** Refer to the IBM MVS Macros and Facilities manual for return code meanings and take the appropriate action. Reissue the command.
AOP0393  OPERAND operand DATA text IS NOT IN HEX FORMAT  
Explanation: The specified operand of an NVALERT command is not a valid hexadecimal character string.  
System Action: NVALERT command processing is terminated with a return code of 8.  
User Response: Correct the operand and reissue the command.

AOP0394  OPERAND operand DATA text IS NOT IN HEX FORMAT  
Explanation: The specified operand of an NVALERT command has invalid syntax.  
System Action: NVALERT command processing is terminated with a return code of 8.  
User Response: Correct the operand and reissue the command.

AOP0395  OPERAND operand DATA text HAS INVALID LENGTH  
Explanation: The specified operand of an NVALERT command contains a field or subfield with an invalid length.  
System Action: NVALERT command processing is terminated with a return code of 8.  
User Response: Correct the operand and reissue the command.

AOP0396  NVALERT function HAS RECEIVED AN INVALID REQUEST TYPE reason errortext  
Explanation: function is not currently supported by the product.  
System Action: NVALERT command processing is terminated with a return code of 8.  
User Response: None. This is an informational message only.

AOP0397  NVALERT function errortext RETURN CODE = nn errortext  
Explanation: function of NVALERT processing has encountered a logic error.  
System Action: Command processing is terminated with a return code of 8.  
User Response: Call Candle Customer Support.

AOP0398  NVALERT function errortext RETURN CODE = nn errortext  
Explanation: function of NVALERT processing encountered a logic error.  
System Action: Command processing is terminated with a return code of 8.  
User Response: Call Candle Customer Support.

AOP0399  NVALERT function FAILED RPLRTNCD = nn RPLFDBK2= dbk2 errortext  
Explanation: function of NVALERT processing encountered a logic error.  
System Action: Command processing is terminated with a return code of 8.  
User Response: Call Candle Customer Support.

AOP0400  operand CONFLICTS WITH KEYWORD keyword  
Explanation: A command was entered in which two mutually exclusive options (operand and keyword) were specified.  
System Action: AONOJES terminates the command with a return code of 16.  
User Response: Decide which option you want, and then reenter the command without the conflicting option.
AOP0401  KEYWORD operand SPECIFIED MORE THAN ONCE
Explanation:  The specified operand is valid for the command entered, but is
specified multiple times.
System Action:  The command terminates with a return code of 16.
User Response:  Reissue the command, specifying the operand only once, or
look for an ambiguous operand abbreviation that may have caused this multiple
specification. If you intended to use two different operands, specify them both
using unambiguous abbreviations.

AOP0402  TOO MANY operandtype VALUES - ONLY maxnumber ALLOWED
Explanation:  A command was entered with an operand type that allows one or
more values (maxnumber) in a subfield, but too many values were specified.
System Action:  The command terminates with a return code of 16.
User Response:  Reissue the command with fewer values in the subfield.

AOP0403  MISSING REQUIRED operandtype OPERAND
Explanation:  A command was entered without the specified required operands.
System Action:  The command terminates with a return code of 16.
User Response:  Re-enter the command with all the required operands.

AOP0404  AOPRSSUB ENCOUNTERED INVALID PCL
Explanation:  A module in the product encountered a bad control block.
System Action:  Processing continues.
User Response:  If user commands have been added to the product, check the
assembly listings for errors. In particular, make sure the PCL type is keyword,
name, string, time, date, or integer.

AOP0405  subfield IS NOT A VALID operandtype
Explanation:  A command was entered, but a subfield of one of the operands
contained a value (subvalue) that was not the correct type.
System Action:  The command terminates with a return code of 16.
User Response:  Correct the problem and reissue the command.

AOP0406  subfield IS TOO LONG FOR A operandtype - ONLY maxnumber
CHARACTERS ALLOWED
Explanation:  A command was entered in which an operand subfield value was
specified, but the value was too long for the operand type. The message lists the
maximum allowable number of characters.
System Action:  The command terminates with a return code of 16.
User Response:  Correct the error and reenter the command.

AOP0407  abbreviation IS AMBIGUOUS - SPECIFY MORE CHARACTERS
Explanation:  A command was entered using abbreviations for the operands.
One of the operands was shortened too much, and the abbreviation became
ambiguous (for example, JOB could be JOBNAME or JOBTYPE).
System Action:  The command terminates with a return code of 16.
User Response:  Re-enter the command, spelling out more of the operand.
AOP0408  PREMATURE END OF COMMAND LINE - CHECK PARENTHESES
Explanation: Product syntax rules had not been fully satisfied when the end of the command line was encountered.
System Action: The command terminates with a return code of 16.
User Response: Check for an unmatched parenthesis. Make sure that continuation symbols (+) were not omitted.

AOP0409  EXTRANEOUS INFORMATION IGNORED - text
Explanation: A command was entered that had meaningless text following the required information.
System Action: Command execution is attempted, extra text is ignored.
User Response: Correct and re-enter the command, if necessary.

AOP0410  NO '/' DELIMITER IN USERID/PASSWORD FIELD.
Explanation: The LOGON command’s USERID operand was incorrectly formatted due to the lack of a / (slash) to delimit the userid from the password. The USERID operand is required only when security external to OMEGAMON is active.
System Action: The LOGON command terminates with a return code of 16.
User Response: When you specify the USERID operand, be sure to use this syntax:

    USERID(userid/password)

where the slash (/) delimits the userid from the password. The expected user ID and password are the same ones used for system security external to OMEGAMON.

AOP0411  NOT AUTHORIZED FOR THE PROGRAMMERLESS OPEN VTAM INTERFACE
Explanation: The product is not authorized for the Programmerless Open VTAM Interface.
System Action: Processing continues.
User Response: See the Configuration and Customization Guide for more information. If the problem persists, call Candle Customer Support.

AOP0412  LOGOFF FOR THIS ENVIRONMENT IN PROGRESS
Explanation: A logoff is either pending or running.
System Action: Processing continues.
User Response: Restart the command file.

AOP0413  OPERAND CONSOLE HAS EITHER A SYNTAX ERROR OR HAS AN INVALID CONSOLE ID OR CONSOLE NAME.
Explanation: The user attempted to define a trap entry (WTO or CMD) with an invalid console ID or console name in the CONSOLE parameter.
System Action: The CONSOLE definition for the WTO or CMD trap is ignored.
User Response: Change the CONSOLE parameter on the WTO or CMD trap entry to the correct syntax.
AOP0414  OPERAND CONSOLE HAS SPECIFIED MORE THAN 32 ITEMS.
Explanation: The user attempted to define a trap entry (WTO or CMD) with more than 32 items in the console parameter.
System Action: The CONSOLE definition for the WTO or CMD trap is ignored.
User Response: Change the CONSOLE parameter to include up to 32 items of console IDs and console names.

AOP0415  LIST NOT ALLOWED WHEN (*) SPECIFIED
Explanation: A command operand requiring a numeric argument, or list of arguments, is coded with incorrect syntax. When an asterisk is coded to replace an operand’s numeric argument (indicating all numbers are allowed), the asterisk must be the only argument. For example, the DESC() operand requires an integer type argument. DESC(1,2,3) or DESC(*) are valid, but DESC(*,2) is invalid and produces message AOP0415.
System Action: The WTO or WTOR is canceled.
User Response: Correct the syntax problem and reissue the command.

AOP0416  CONSOLE NAME IS NOT SUPPORTED FOR THIS RELEASE OF MVS. CONSOLE NAME WILL BE IGNORED.
Explanation: The user attempted to define a trap entry (WTO or CMD) with a CONSOLE name. CONSOLE name is only supported under MVS Release 4 and above.
System Action: The CONSOLE name will be ignored for the trap entry.
User Response: Remove the CONSOLE name from the CONSOLE parameter.

AOP0417  WAIT is not allowed with commands on remote systems
Explanation: The WAIT keyword is only permitted on an OPER RESP command that is to be executed locally, it can not be specified when SYSID is also provided.
System Action: OG/MVS terminates the command.
User Response: Correct and reenter the command.

AOP0418  CONFLICT BETWEEN MUTUALLY EXCLUSIVE KEYWORDS OR OPERANDS
Explanation: A command was entered that contained a mixture of mutually exclusive operands and/or keywords.
System Action: OG/MVS terminates the command.
User Response: Correct and reenter the command.

AOP0419  INVALID SPECIFICATION: ‘text’
Explanation: The operand or keyword indicated by text is syntactically incorrect.
System Action: OG/MVS terminates the command.
User Response: Correct and reenter the command.
AOP0420  COMMAND FILE  filename NOT FOUND
Explanation: The product attempted to execute a command file, but the file
could not be found in CMDLIB.
System Action: The EXEC command is bypassed and return code 16 is
issued. Processing continues.
User Response: Be sure that the EXEC command contains the name of a
member of CMDLIB.

AOP0421  I/O ERROR DURING BDL FOR COMMAND FILE  member
Explanation: The product encountered an I/O error while attempting to locate
the specified member in the PDS directory.
System Action: The command terminates with a return code of 16.
User Response: Examine the command file library with a text editor or PDS
analysis tool. If there are errors, move the PDS to another spot on the disk. If there
are no errors, retry the command.

AOP0422  NOT ENOUGH CORE FOR BDL FOR COMMAND FILE  member
Explanation: An attempt to locate the specified command file member in the
PDS failed due to a lack of virtual storage.
System Action: The command terminates with a return code of 16.
User Response: Increase the product region size and retry. If the region seems
adequate, take an SVC dump and call Candle Customer Support.

AOP0423  PREMATURE END OF COMMAND FILE  member IN LINE  nn
Explanation: The specified command file member ended at the specified line
number before all syntax requirements were satisfied.
System Action: The command terminates with a return code of 12.
User Response: Check the command file structure to ensure all DOs have a
corresponding END. Correct any syntax errors and retry.

AOP0424  SYNTAX ERROR IN LINE  nn OF COMMAND FILE  member
Explanation: The specified command file and line number contained a syntax
error. Additional messages will provide further details about the problem.
System Action: The command terminates with a return code of 16.
User Response: Examine the command file statement for errors and correct
them.

AOP0425  errortext
Explanation: This message displays the text of the command file line declared
to be in error by a prior message.
System Action: Processing continues.
User Response: The action required will depend on the prior message.
AOP0426  CANNOT EXECUTE COMMAND FILE member - DDNAME=RKANCMD NOT LOCATED
Explanation: An attempt to open the command file library indicated by the RKANCMD DD statement failed.
System Action: The command terminates with a return code of 16.
User Response: Check the active product task for a valid RKOGCMD DD statement that points to a valid command library. Correct any problems (such as dataset not a PDS), then restart the product or reenter the EXEC command.

AOP0427  DUPLICATE LABEL label IN LINES line1 AND line2 IN COMMAND FILE member
Explanation: The specified command file member contains the same statement label in two different lines.
System Action: The command terminates with a return code of 16.
User Response: Remove the label if it is not needed, or change one of the label names and all references to that name. Re-execute the command file.

AOP0428  MISSING LABEL label REFERRED TO IN LINE nn IN COMMAND FILE member
Explanation: The specified command file line references a label that is not defined in the command file.
System Action: The command terminates with a return code of 12.
User Response: Define the label or correct the reference. Check the spelling of the label and the GOTO instruction, and re-execute the command file.

AOP0429  PREMATURE END OF STATEMENT IN LINE nn OF COMMAND FILE member
Explanation: The specified command file line number contains a statement that ends before all syntax requirements are satisfied.
System Action: The command terminates with a return code of 12.
User Response: Check for missing continuation symbols (+). Check that IF and THEN are on the same statement. Check that parentheses are balanced in expressions.

AOP0430  MISSING/INVALID LABEL OR VARIABLE NAME: errtext
Explanation: While attempting to execute or refresh a command file, the compiler detected an invalid name or label (errtext). The command file will be marked non-executable in working storage.
System Action: The command terminates with a return code of 12.
User Response: Correct the command file error. If it is a label, check that it is in upper case. If it is a computed variable name, check that the string is not null.

AOP0431  STATEMENT IS OUT OF SEQUENCE
Explanation: A statement was found to be out of sequence during compilation or execution of a command file.
System Action: The command terminates with a return code of 12.
User Response: Review the command file in error and correct the statement sequence.
AOP0432  MISSING/INVALID OPERATOR: *errtext*
Explanation: A command file statement contained an expression (*errtext*) in which an operand (such as variable name) or operator (such as + or -) was missing or invalid.
System Action: The command terminates with a return code of 12.
User Response: Check the expression for invalid syntax.

AOP0433  PREMATURE END OF EXPRESSION: *errtext*
Explanation: A command file statement (*errtext*) contained an incomplete expression.
System Action: The command terminates with a return code of 12.
User Response: Complete or correct the expression and re-execute the command file.

AOP0434  PREMATURE END OF COMMENT: *errtext*
Explanation: During command file compilation, a comment was detected (*errtext*) that did not end in the proper terminator (*/*). The product could not find the end of the comment and the start of the next executable statement.
System Action: The command terminates with a return code of 12 or 16.
User Response: Correct the error and issue the AF REFRESH command (if the product is set to NOAUTOREF) before reexecuting the EXEC command.

AOP0435  STACK EMPTY BEFORE END OF EXPRESSION: *errtext*
Explanation: During compilation of a command file, an expression (*errtext*) was determined to have too few operators for the operands used.
System Action: The command terminates with a return code of 12 or 16.
User Response: Examine the command file statement for an improperly delimited comment or a missing operator. Correct the command file and issue the AF REFRESH command (if the product is set to NOAUTOREF), then re-execute the command file.

AOP0436  STACK OVERFLOW TOO MANY OPERATORS: *errtext*
Explanation: During compilation of a command file, an expression (*errtext*) was determined to have too many operators for the operands used.
System Action: The command terminates with a return code of 12 or 16.
User Response: Examine the command file statement for an improperly delimited comment, an extraneous operator, or a missing operand. Correct the command file and issue the AF REFRESH command (if the product is set to NOAUTOREF), then re-execute the command file.

AOP0437  HEAP EMPTY TOO FEW OPERANDS: *errtext*
Explanation: During compilation of a command file, an expression (*errtext*) was determined to have too few operands for the operators used.
System Action: The command terminates with a return code of 12 or 16.
User Response: Examine the command file statement for an improperly delimited comment, an extraneous operator, or a missing operand. Correct the command file and issue the AF REFRESH command (if the product is set to NOAUTOREF), then re-execute the command file.
AOP0438  HEAP OVERFLOW - TOO MANY OPERANDS: errtext
Explanation: During compilation of a command file, an expression (errtext) was determined to have too few operators for the operands used.
System Action: The command terminates with a return code of 12 or 16.
User Response: Examine the command file statement for an improperly delimited comment or a missing operator. Correct the command file and issue the AF REFRESH command (if the product is set to NOAUTOREF), then re-execute the command file.

AOP0439  INVALID USE OF RESERVED WORD IN EXPRESSION: errtext
Explanation: The compiler detected a reserved word in an expression (errtext).
System Action: The command terminates with a return code of 12 or 16.
User Response: Choose another variable name, save the corrected command file, execute the AF REFRESH command (if the product is set to NOAUTOREF), and then re-execute the command file.

AOP0440  INVALID MIX OF DATA TYPES FOR module AT LINE nn
Explanation: A calculation or assignment was attempted in a command file. The variable or constant types were found to be incompatible. Nonexistent variables tested in an IF command also return this result since they have no data type.
System Action: The command terminates with a return code of 12 or 16.
User Response: Add the appropriate DCL command to override default typing. If you are attempting an operation incompatible with the values used (such as adding string values), correct the command file and issue the AF REFRESH command (if the product is set to NOAUTOREF), then re-execute the command file.

AOP0441  PARENTHESES NOT BALANCED
Explanation: During compilation of a command file, the left and right parentheses were not balanced on a statement.
System Action: The command terminates with a return code of 12 or 16.
User Response: Watch for an imbalance across continued statements. Correct the imbalance, correct the command file, and issue the AF REFRESH command (if the product is set to NOAUTOREF). Re-execute the command file.

AOP0442  ATTEMPT TO SET NON-VARIABLE OPERAND
Explanation: A LET command was issued with a constant, reserved word, or a read-only system variable as the assignee. The LET command can assign values only to variables that are not read-only.
System Action: The LET command terminates with a return code of 16.
User Response: Correct the command file and issue the AF REFRESH command (if the product is set to NOAUTOREF). Re-execute the command file.

AOP0443  INVALID OPERANDS: errtext
Explanation: During execution of a command file, the product could not determine the operand type in an expression (errtext).
System Action: The command terminates with a return code of 12 or 16.
User Response: Verify that you are using a symbol defined to the product.
AOP0444  INVALID FUNCTION NAME
Explanation: During execution of a command file, a function call was encountered, but the name was not in a valid product function.
System Action: The function terminates with a return code of 16.
User Response: Check the spelling of the function name.

AOP0445  FUNCTION ARGUMENT NUMBER OR TYPE ERROR
Explanation: During the execution of a command file, a function call was detected. The arguments passed to the function were inconsistent with what the function expected.
System Action: The function terminates with a return code of 16.
User Response: If data type is the problem, make sure any variable names passed are the correct type. If a string is required, make sure the argument is enclosed in quotes; otherwise, it might be mistaken for a variable of the same name but the wrong type.

AOP0446  FUNCTION ROUTINE NOT LINKED INTO KOGMAIN
Explanation: An internal error occurred in the product.
System Action: The function terminates with a return code of 16.
User Response: Call Candle Customer Support.

AOP0447  INVALID EXPONENT CHAIN DETECTED FOR FUNCTION CALL
Explanation: An internal error occurred during processing of a function call in a command file.
System Action: The function terminates with a return code of 16.
User Response: Take an SVC dump and call Candle Customer Support.

AOP0448  NON-ZERO RETURN CODE FROM FUNCTION ROUTINE
Explanation: A command file called a function routine that returned a non-zero return code.
System Action: The function terminates with a return code of 16.
User Response: Refer to the product documentation for a description of the function and for possible return codes and explanations.

AOP0449  ATTEMPTED DIVIDE BY ZERO NOT ALLOWED
Explanation: During execution of a command file, an expression was found that specified division by zero.
System Action: The command terminates with a return code of 16.
User Response: Examine the command file for errors. The zero may result from a calculation or uninitialized variable. Correct the command file, execute the AF REFRESH command, and then re-execute the command file.

AOP0450  NEW VARIABLE IGNORED, EXISTING ONE WILL BE USED
Explanation: During execution of a DCL command, the product discovered a duplicate variable name in the same subpool.
System Action: The command terminates with a return code of 16.
User Response: Reissue the DCL command using a different variable name, or delete or rename the existing variable.
AOP0451  EXTRA INFORMATION ON PROC 0 STATEMENT NOT ALLOWED
Explanation: The number of variable names on the PROC statement was greater than the value of the NUMBER operand of the PROC statement.
System Action: Command file compilation terminates with a return code of 12.
User Response: Correct the number of variables on the PROC statement or increase the value of the NUMBER operand. Then re-execute the command file.

AOP0452  COMMAND FILE member IS AN EMPTY PDS MEMBER
Explanation: No executable statements were found in the specified command file.
System Action: Command file compilation terminates with a return code of 12.
User Response: Add executable statements to the command file, then re-execute it.

AOP0453  UNBALANCED QUOTES/COMMENTS IN ABOVE STATEMENT OF COMMAND FILE member
Explanation: The specified line number of the command file either contains an uneven number of quotation marks or incorrectly-paired comment delimiters.
System Action: Command file compilation terminates with a return code of 12.
User Response: Make sure all quotation marks and comments are paired. Quotes can be nested by doubling internal quotes, but the total number of quotes in a statement must be an even number. Comments, however, cannot be nested. For each /* there must be a corresponding */ before the end of the statement and before the occurrence of another /*.

AOP0454  I/O ERROR READING COMMAND FILE member. LAST LINE READ IS nn
Explanation: A nonrecoverable I/O error occurred while reading the specified command file.
System Action: Command file compilation terminates with a return code of 12.
User Response: Verify the integrity of the command library. Then re-execute the command file.

AOP0455  COMMAND FILE OPEN ERROR
Explanation: The PDS member specified on an EXEC command could not be opened for input.
System Action: The EXEC command terminates with an error return code.
User Response: This is probably an I/O error. Check the product’s Job Log for system messages.
AOP0456 FIND MACRO ERROR OCCURRED
Explanation: The PDS member specified on an EXEC command could not be read in.
System Action: The EXEC command terminates with an error return code.
User Response: This is probably an I/O or system error. Check the product’s Job Log for system messages. Check the return code from the EXEC command. This is the same as the return code from the FIND macro. Determine if there is adequate storage for the FIND macro.

AOP0457 NO MEMBER HAS BEEN SPECIFIED ON THE EXEC COMMAND
Explanation: An EXEC command does not contain a member name.
System Action: The EXEC command terminates, issuing an error return code.
User Response: Correct the syntax of the EXEC command.

AOP0458 mmmmmmm IS AN INVALID MEMBER NAME
Explanation: An EXEC command specifies an invalid member name.
System Action: The EXEC command terminates, issuing an error return code.
User Response: Correct the syntax of the EXEC command.

AOP0459 FUNCTION IS NOT EXECUTED
Explanation: A command file called a function routine that returned a non-zero return code. Function is not executed.
System Action: The function terminates with a return code of 16.
User Response: See the product documentation for a description of the function and for possible return codes and explanations.

AOP0460 COMMAND FILE member DELETED FROM WORKING STORAGE
Explanation: A DELETE PROC command deleted the specified command file from the product address space.
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP0461 COMMAND FILE member NOT FOUND IN WORKING STORAGE
Explanation: The command file specified in a DELETE PROC command could not be located in working storage. The command file was not deleted.
System Action: Processing continues.
User Response: Specify the command again with a different name or pattern.

AOP0462 COMMAND FILE member NOT DELETED - IN USE
Explanation: A DELETE PROC command was issued to delete the specified command file. The file was not deleted from working storage because it was in use by an active match.
System Action: Processing continues.
User Response: If the match using the command file is hung, use the AF CANCEL command to terminate the match. Reissue the DELETE PROC command. If there is no match using the command file, use DELETE PROC(member) FORCE to delete the command file.
AOP0470  VTAM BUFFER LENGTH ERROR DETECTED
Explanation: An error occurred receiving a response from POVI.
System Action: Processing continues.
User Response: If the match using the command file is hung, take a console dump and call Candle Support. Use AF CANCEL to then cancel the match.

AOP0471  PARAMETER ERROR DETECTED BY AOLINES
Explanation: An internal processing error occurred. This should not normally occur.
System Action: Processing continues.
User Response: If the match using the command file is hung, take a console dump and call Candle Support. Use AF CANCEL to then cancel the match.

AOP0472  TIMEOUT ERROR WAITING FOR APPLICATION
Explanation: A timeout occurred waiting for a response from POVI.
System Action: The AF to POVI session is terminated with a LOGOFF.
User Response: Repeat the command with tracing active in POVI to determine the cause of the hang. It also may be necessary to increase the timeout value.

AOP0480  STOP command invalid from OG*TSO. Use the PF return key.
Explanation: Attempts to stop OG*TSO using any of "OG STOP", "AO STOP", or "AF STOP" are invalid.
System Action: The STOP command is not honored.
User Response: Use the PF return key to terminate OG*TSO.

AOP0499  messageprefix messagetext
Explanation: This message applies to the immediately preceding message, AOP0480. It displays TRACE command error messages and a reason code that indicates the nature of the error. The reason codes and their meanings are:

<table>
<thead>
<tr>
<th>Code</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>Invalid statement.</td>
</tr>
<tr>
<td>16</td>
<td>Invalid expression.</td>
</tr>
<tr>
<td>20</td>
<td>Invalid variable.</td>
</tr>
</tbody>
</table>

System Action: Tracing continues.
User Response: None. This is an informational message only.

AOP0500  LOGON TO applname PROCEEDING
Explanation: The LOGON statement is syntactically correct, and so a VTAM session is being requested. The session will be given the specified application name; this name is used by the AFADDR command.
System Action: Normal processing continues.
User Response: None. This is an informational message only.
AOP0501 LOGON TO NAME(applname) APPLID(applid) COMPLETE
Explanation: Logon processing to the requested VTAM session is complete. Commands can now be sent to the named application.
System Action: Normal processing continues.
User Response: None. This is an informational message only.

AOP0502 applname ENVIRONMENT AVAILABLE FOR PROCESSING
Explanation: Logon processing is complete. Commands can now be sent to the named application.
System Action: Normal processing continues.
User Response: None. This is an informational message only.

AOP0503 EXCEPTION MONITORING WILL BEGIN FOR applname
Explanation: Logon processing is complete and exception monitoring begins for the named application.
System Action: Normal processing continues.
User Response: None. This is an informational message only.

AOP0504 EXTERNAL SECURITY USERID AND PASSWORD ARE REQUIRED
Explanation: There was no USERID operand in the LOGON statement. The application being logged onto requires that an external security user ID and password be specified.
System Action: The LOGON command and command file compilation terminate with a return code of 16.
User Response: Supply a USERID operand in the LOGON statement. Then re-execute the command file.

AOP0505 NAME(applname) APPLID(applid) LOGOFF COMPLETE
Explanation: Logoff processing is complete. The application named in the message can no longer be addressed.
System Action: Normal processing continues.
User Response: None. This is an informational message only.

AOP0506 ENVIRONMENT NAME(applname) NOT AVAILABLE
Explanation: Exception analysis for the named application has been requested but the environment is not logged onto.
System Action: Normal processing continues.
User Response: If exception analysis is desired for the named application, logon to that environment and reissue the request for exception analysis.
AOP0507  THE FIRST SCREEN IS NOT A COPYRIGHT SCREEN
Explanation: The word Copyright was not found in the first screen presented to the product during OMEGAMON logon processing. The product requires that the first OMEGAMON screen be a standard Candle Corporation copyright screen that either has no input fields or has the standard external security USERID => and PASSWORD => input fields.
System Action: The LOGON command terminates with a return code of 16.
User Response: Change the value of the LOGON command’s applid operand to refer to a version of OMEGAMON that has a standard copyright screen as described above.

AOP0508  NO FREE MATCH ENTRIES AVAILABLE, EXCEPTION MISSED
Explanation: An OMEGAMON exception for which there is a trap has occurred, but processing it would exceed the maximum number of concurrent matches. Message AOP0509 immediately follows this message and lists the text of the exception.
System Action: A match for the exception will not be created. Processing will continue. The exception text will be logged if RETAIN has been specified on the trap.
User Response: Consider increasing the MAXMAT parameter to enable more matches to be processed. Consider making your xtype trap patterns more explicit to avoid trapping so many exceptions.

AOP0509  message
text
Explanation: This is the text of an OMEGAMON exception that could not be processed because MAXMAT would have been exceeded. See message AOP0508 for a full explanation of this condition.
System Action: See message AOP0508.
User Response: See message AOP0508.

AOP0510  MESSAGE LOG HAS BEEN FREED AND REALLOCATED
Explanation: An AF FREE(RKOGLOGM) command has been issued to deallocate and reallocate the RKOGLOGM SYSOUT dataset.
System Action: The RKOGLOGM dataset is closed and deallocated. The dataset may now be printed without shutting down the product.
User Response: None. This is an informational message only.

AOP0512  DDNAME IS NOT RKOGLOGM OR USERLG
Explanation: An AF FREE command has been issued to deallocate and reallocate a product dataset. The ddname is not a valid ddname such as: RKOGLOGM or USERLG
System Action: Processing continues. No dataset is freed.
User Response: Reissue the command, specifying a valid ddname.
AOP0513 THIS DDNAME IS NOT A SYSOUT DATASET
Explanation: An AF FREE(RKOGLOGM) command has been issued to deallocate and reallocate a product SYSOUT dataset. The ddname specified is not for a SYSOUT dataset; therefore, the dataset cannot be freed.
System Action: Processing continues. No dataset is freed.
User Response: None. This is an informational message only. To use the AF FREE command, the product must be restarted, specifying a SYSOUT dataset for RKOGLOGM.

AOP0514 DDNAME NOT FOUND
Explanation: An AF FREE(RKOGLOGM) command has been issued to deallocate and reallocate a product SYSOUT dataset. No dataset for the ddname was found.
System Action: Processing continues. No dataset is freed.
User Response: None. This is an informational message only. To use the AF FREE command, the product must be restarted with a valid DD statement in the startup JCL for RKOGLOGM.

AOP0515 DDNAME NOT FREED
Explanation: An AF FREE(RKOGLOGM) command has been issued to deallocate and reallocate a product SYSOUT dataset. An error has occurred during dataset deallocation. This message will be accompanied by system messages about the deallocation failure.
System Action: Processing continues. The dataset has been closed prior to the deallocation. The product will no longer write to the RKOGLOGM dataset.
User Response: Refer to the appropriate IBM manual for an explanation of the error codes. Correct the problem using the diagnostic information given.

AOP0516 DDNAME NOT REALLOCATED
Explanation: An AF FREE(RKOGLOGM) command has been issued to deallocate and reallocate a product SYSOUT dataset. An error has occurred while reallocating the dataset. This message will be accompanied by system messages about the allocation failure.
System Action: Processing continues. The dataset has been closed and deallocated. The product will no longer write to the RKOGLOGM dataset.
User Response: Refer to the appropriate IBM manual for an explanation of the error codes. Correct the problem using the diagnostic information given.

AOP0517 RESOURCE NAME (xanid) NOT AVAILABLE XAN INTERVAL WILL BE SKIPPED
Explanation: The interval on the LOGON command has expired and the product is about to poll OMEGAMON for exceptions. If a cfile is already communicating with OMEGAMON (via the ADDRESS command), then this interval will be skipped; both processes can not communicate with OMEGAMON simultaneously.
System Action: The product skips the current interval and will try again at the next interval.
User Response: None. This is an informational message only.
AOP0519 VTAM OPEN INTERFACE (POVI) IS NOT RESPONDING - match-num.
Explanation: A VTAM open interface request, usually POVI, has been queued to VTAM and no response has been received for at least 5 minutes.
System Action: The System will continue to wait for the response.
User Response: Use the 'SHOW MATCH' command and the various VTAM Operator and CL/ENGINE Operator commands to try and determine why the CL/ENGINE Open VTAM Interface is not responding, and correct the situation. If the error condition persists, cancel the match.

AOP0521 INVALID EXPENT/OPRENT POINTERS DETECTED
Explanation: An internal error occurred during the evaluation of an expression in a command file. The most likely cause of this condition is that a 'DELETE PROC FORCE' was previously issued which freed the storage for this cfile while it was still executing.
System Action: OG/MVS terminates the CFILE execution with a return code of 16.
User Response: Use the 'AF CANCEL' command first to cancel any active matches which are using the CFILE. Then use the 'DELETE PROC' command without the 'FORCE' option to delete the CFILE from storage.

AOP0530 INVALID LITERAL OR UNBALANCED QUOTES ENCOUNTERED
Explanation: An odd number of quotes were found in the template of a PARSE command; quotes must be paired.
System Action: Command file compilation terminates with a return code of 16.
User Response: Correct the unpaired quote and re-execute the command file.

AOP0531 INVALID OR NULL TEMPLATE ENCOUNTERED
Explanation: No template was found for a PARSE command.
System Action: Command file compilation terminates with a return code of 16.
User Response: Supply a PARSE template and re-execute the command file.

AOP0532 COLUMN VALUE OR ADJUSTMENT EXCEEDS THE 255 MAXIMUM
Explanation: The absolute value of a signed or unsigned integer parse mechanism exceeded 255.
System Action: Command file compilation terminates with a return code of 16.
User Response: Correct the PARSE command and re-execute the command file.

AOP0533 CRITICAL INTERNAL PROCESSING ERROR: errortext
Explanation: An internal error has occurred while processing a parse template.
System Action: Command file compilation terminates with a return code of 16.
User Response: Call Candle Customer Support
INVALID CHARACTER ENCOUNTERED IN PARSE TEMPLATE

Explanation: An invalid character was found in a parse template. Valid characters include alphanumeric and national characters as well as plus and minus signs, periods, single quotes, and blank spaces.

System Action: Command file compilation terminates with a return code of 16.

User Response: Correct the PARSE command and re-execute the command file.

NON-NUMERIC CHARACTER FOLLOWING "+" or "-"

Explanation: A PARSE template contains a "+" or "-" without a number following.

System Action: The PARSE command terminates with a non-zero error code.

User Response: Correct the PARSE template and rerun the command file.

FILE ALREADY OPEN

Explanation: There are three possible reasons for this message:
- An OPEN statement was executed for a file that was already open.
- The current command file may close the file.
- A prior execution of a command file may have ended in error and the product did not close the file.

System Action: The OPEN command terminates with a return code of 4.

User Response: Correct the command file, execute the EXECDROP command, and then re-execute the command file.

name IS NOT CURRENTLY ALLOCATED

Explanation: An OPEN command was issued, but the specified filename or ddname was not allocated.

System Action: The OPEN command terminates with a return code of 12.

User Response: Put the ddname in the product startup JCL procedure, or issue an ALLOC command in the command file prior to the OPEN command.

OPEN FAILED FOR FILE ddname

Explanation: The ddname specified in the OPEN command failed to open.

System Action: Match processing terminates with a return code of 12.

User Response: Review the message log for MVS data management messages regarding the open failure.

FILE name IS NOT OPEN

Explanation: A READ or WRITE command was attempted from a file that is allocated but not open.

System Action: The READ or WRITE command terminates with a return code of 12.

User Response: Add an OPEN command to the command file before the READ or WRITE.
AOP0551  FILE *name* IS NOT OPEN FOR INPUT
Explanation: A READ command was attempted from a file that is allocated, but open for output only.
System Action: The READ command terminates with a return code of 8.
User Response: Close and reopen the file as input before the READ command.

AOP0552  ATTEMPT TO READ PAST END-OF-FILE
Explanation: A READ command was attempted beyond the end-of-file marker.
System Action: The READ command terminates with a return code of 4.
User Response: Put in a test for end-of-file after each READ command.

AOP0555  FILE *ddname* HAS INVALID FILE CONTROL BLOCK
Explanation: Before attempting a READ operation, an invalid file control block (*ddname*) was detected, which would cause the read to fail.
System Action: The READ operation terminates with a return code of 12.
User Response: Before retrying, ensure that your command procedure is not attempting to read a file that was just closed with the FORCE operand in the same cfile or in one concurrently executing. If the error persists, contact Candle Customer Support.

AOP0560  FILE IS NOT OPEN
Explanation: A WRITE command specified a file that was allocated but not open.
System Action: Match processing terminates with a return code of 12.
User Response: Add an OPEN command to the command file before the WRITE command.

AOP0561  FILE IS NOT OPEN FOR OUTPUT
Explanation: A WRITE command was issued for a file which is not open for output.
System Action: The command terminates with a return code of 8.
User Response: Make sure the file is open for output before writing to it.

AOP0562  ERROR IN WRITE RECOVERY ROUTINE
Explanation: AOWRITE attempted to close a file in response to an error but failed.
System Action: The command terminates with a return code of 16.
User Response: Call Candle Customer Support.

AOP0563  FILE CLOSED BY WRITE RECOVERY
Explanation: An abend occured while attempting to execute the WRITE command.
System Action: The file is closed. The buffer of data which was to be written to the file is discarded. The command terminates with a return code of 12.
User Response: The file was probably full. Correct the REXX exec to close the file before it fills.
AOP0570  FILE IS NOT OPEN
Explanation: A CLOSE command was attempted, but the file was not open. If the file was supposed to be open, an earlier OPEN command may have failed.
System Action: The CLOSE command terminates with a return code of 12.
User Response: Check that the file was allocated and opened properly.

AOP0571  UNABLE TO CLOSE FILE
Explanation: While executing the CLOSE command, the product was unable to close a file.
System Action: The file remains open. The command terminates with a return code of 8.
User Response: Call Candle Customer Support.

AOP0572  ERROR IN CLOSE RECOVERY ROUTINE
Explanation: While attempting to close a file, the internal recovery routine encountered an unexpected error.
System Action: The file remains open. The command terminates with a return code of 12.
User Response: Call Candle Customer Support.

AOP0573  FILE CLOSED BY RECOVERY
Explanation: In the process of closing a file, the product encountered an abend while attempting to write out the final buffer of data.
System Action: The file is closed. The final buffer of data is discarded. The command terminates with a return code of 12.
User Response: The file was probably full. Correct the command file to close the file prior to filling.

AOP0580  aoldrnam aorefofs REFERS TO aoldrnam+ aodefo+ FS = aocsect
Explanation: An internal error has occurred.
System Action: The product terminates abnormally.
User Response: Call Candle Customer Support.

AOP0581  UNABLE TO LOAD module - SAME ENTRY POINTS: epoint1 epoint2
Explanation: During product initialization, the CSA LOADER attempted to relocate a module into CSA. Two loads of the module resulted in the same entry point address being returned. The module cannot be loaded into CSA.
System Action: The product terminates.
User Response: Check that the product load library modules are not in LPA. Call Candle Customer Support.

AOP0582  UNABLE TO LOAD module - DIFFERENT LENGTHS: length1 length2
Explanation: During product initialization, the CSA LOADER attempted to relocate a module into CSA. Two loads of the module resulted in modules of different lengths in virtual storage. The module cannot be loaded into CSA.
System Action: The product terminates.
User Response: Call Candle Customer Support.
AOP0590  DYNAMIC allocation/deallocation ERROR - SVC 99 R15=retcode
INFO=infocode ERROR=errcode
Explanation: An attempt was made (probably using the product’s ALLOC command) to dynamically allocate or deallocate a dataset. The operation failed for the reasons indicated by the return code, information code, and error code.
System Action: The product fails to perform the dynamic allocation requested.
User Response: Refer to the appropriate IBM MVS manual to interpret the codes returned. If the return codes imply an error in the ALLOC command options, correct the options and retry the command.

AOP0591  AODYNALC R15=retcode FROM IKJEFF18 (DAIRFAIL)
Explanation: When a dynamic allocation attempt failed, the product called DAIRFAIL for more information about the failure. DAIRFAIL returned an error code (retcode), which is documented in the appropriate IBM MVS messages manual.
System Action: Processing continues.
User Response: Correct the original problem as indicated in the IBM MVS message manual.

AOP0592  ALLOC DSN INVALID MEMBER NAME SPECIFIED
Explanation: An attempt was made using the ALLOC command to dynamically allocate a PDS. The member name specified was invalid. It either contained blanks, was greater than 8 characters, or was null.
System Action: The product fails to perform the dynamic allocation request. Processing continues.
User Response: Specify a correct member name and retry the command.

AOP0593  MATCH NUMBER nnnnnnnnn WAITING ON DYNAMIC ALLOC /FREE OF A DATASET
Explanation: A dynamic allocation or free request was issued by this match and it has not yet completed.
System Action: This message is issued once a minute until the match is canceled or the ALLOC/FREE request is completed.
User Response: Check for enqueue conflicts. Cancel the match or take whatever other action the situation requires.

AOP0594  ALLOCATION RECFM/DSORG IS INVALID, FOUND RECFM(recfm), DSORG(dsorg)
Explanation: The RECFM or the DSORG specified on an ALLOC request was not valid for the AF/Operator ALLOC command.
System Action: The match is cancelled.
User Response: Correct the RECFM or DSORG on the ALLOC command. This is most likely caused by a typographical error, as most RECFM parameters are supported. The DSORG must be for a sequential, partitioned, or direct access file.
AOP0595 MATCH LEVEL SUBTASK ERROR \textit{(retcode)} – \textit{text}

**Explanation:** The ALLOC/FREE/ENQUEUE/DEQUEUE commands are all processed by a match level subtask in order to avoid MVS waits. This subtask has encountered an error described in the \textit{text} field.

**System Action:** The match is canceled.

**User Response:** This indicates an internal error. Contact Candle Customer Service and Satisfaction.

AOP0600 REXX IS NOT AVAILABLE

**Explanation:** An EXEC instruction specified a member which is a REXX program. However, REXX processing is not available in the product.

**System Action:** The EXEC command terminates and issues an error return code.

**User Response:** Review the product message log to determine if message AOP0612 has been issued. If that message does not appear on the log, REXX is not available on your system. (Message AOP0614 on that log may provide an explanation.) If AOP0612 does appear on the log, call Candle Customer Support.

AOP0601 \textit{module} FAILED, R15=X(xxxxxxxx), R0=X(ooooooo), RC=X(wwwwwwww)

**Explanation:** An error occurred in the TSO/E REXX module \textit{module}. The contents of R15, R0, and the reason code are displayed in hex to aid in debugging. Check the values displayed for a particular \textit{module} in the appropriate section of the \textit{IBM TSO/E REXX/MVS Reference} manual. If the \textit{module} is "IRXEXEC" the returned values are described under the section entitled "The IRXEXEC Routine". In the case of IRXEXEC, the R15 value converted to decimal will indicate either an abend occurred or a syntax error has been detected. Abends are indicated by an R15 value of decimal 100 or 104 (hexadecimal 64 or 68), in this situation the R0 value indicates the type of abend. Syntax errors are indicated by an R15 value between decimal 20001 and 20099 (hexadecimal 4E21 and 4E83), this value represents the REXX error number plus 20000. These REXX error numbers correspond to the REXX message numbers. For example, error 26 corresponds to the REXX message IRX0026I.

**System Action:** Execution of the current REXX EXEC is terminated.

**User Response:** Refer to the appropriate IBM MVS manual to interpret the codes returned. If the return codes imply a REXX syntax error, correct the invalid statement as described in the REXX Reference manual.

AOP0602 GETMAIN FAILED FOR ARGUMENT LISTS

**Explanation:** An error occurred during storage acquisition for the REXX EXEC argument list.

**System Action:** The EXEC is never executed. The EXEC command terminates and issues an error return code.

**User Response:** There is a possible shortage of virtual storage in the product user region. Try increasing the region size. If the problem persists, call Candle Customer Support.
AOP0603 GETMAIN FAILED FOR EVALUATION BLOCK

**Explanation:** An error occurred during storage acquisition for the Evaluation Block.

**System Action:** The EXEC is never executed. The EXEC command terminates and issues an error return code.

**User Response:** The product user region may be short of virtual storage. Try increasing the region size. If the problem persists, call Candle Customer Support.

AOP0604 LENGTH OF ZERO IN THE PARM FOR EXEC COMMAND

**Explanation:** An EXEC command was issued without any operands.

**System Action:** The EXEC command terminates and issues an error return code.

**User Response:** Correct the syntax error in the EXEC command.

AOP0605 RESULT FROM IRXEXEC IS NOT NUMERIC

**Explanation:** A REXX EXEC returned a non-numeric result in a RETURN or EXIT statement.

**System Action:** The result is discarded. The EXEC command terminates with an error return code.

**User Response:** Ensure that the operand of the RETURN or EXIT statement resolves to a numeric value.

AOP0606 SYNTAX ERROR ON THE EXEC COMMAND

**Explanation:** An EXEC command has a syntax error in one of its operands.

**System Action:** The EXEC command terminates and issues an error return code.

**User Response:** Correct the syntax error in the EXEC command.

AOP0607 NO MEMBER NAME ON THE EXEC COMMAND

**Explanation:** An EXEC command was issued that did not specify a member name.

**System Action:** The EXEC command terminates and issues an error return code.

**User Response:** Correct the syntax of the EXEC command.

AOP0608 INVALID MEMBER NAME ON THE EXEC COMMAND

**Explanation:** An EXEC command was issued specifying an invalid member name. There may be invalid characters in the member name, or the member name may be longer than 8 characters.

**System Action:** The EXEC command terminates and issues an error return code.

**User Response:** Correct the syntax of the EXEC command.
AOP0609  GETMAIN FAILED FOR REXX ANCHOR BLOCK  
Explanation: An error occurred at initialization time during storage acquisition for the product's REXX Anchor Block.  
System Action: REXX initialization in the product is terminated, and REXX is unavailable to the product.  
User Response: The product user region may be short of virtual storage. Try increasing the region size. If the problem persists, call Candle Customer Support.

AOP0610  LOAD FAILED FOR AORXPRMS MODULE  
Explanation: The product is unable to locate its REXX parameters module.  
System Action: REXX initialization in the product is terminated, and REXX is unavailable to the product.  
User Response: Be sure that AORXPRMS is contained in either the current STEPLIB or one of the LINKLIST libraries.

AOP0611  LOAD FAILED FOR IRXINIT MODULE  
Explanation: The product is unable to locate TSO/E REXX initialization module.  
System Action: REXX initialization in the product is terminated and REXX is unavailable to the product.  
User Response: Be sure that IRXINIT is contained in either the current STEPLIB or one of the LINKLIST libraries.

AOP0612  REXX IS NOW AVAILABLE UNDER product  
Explanation: The product has successfully initialized REXX processing. REXX is available to MVS/XA users who have TSO/E Version 2.  
System Action: Processing continues.  
User Response: None. This is an informational message only.

AOP0613  DELETE FAILED FOR AORXPRMS MODULE  
Explanation: The product is trying to terminate REXX processing, but failed to delete the AORXPRMS module. This is probably a system error caused by recursive invocation of the recovery routine.  
System Action: REXX termination processing fails.  
User Response: Call Candle Customer Support.

AOP0614  DELETE FAILED FOR IRXINIT MODULE  
Explanation: The product is trying to terminate REXX processing, but failed to delete the IRXINIT module. This is probably a system error caused by recursive invocation of the recovery routine.  
System Action: REXX termination processing fails.  
User Response: Call Candle Customer Support.

AOP0615  REXX IS NOT AVAILABLE IN THIS RELEASE OF MVS OR TSO/E  
Explanation: REXX is only available under MVS/XA and above, and under TSO/E Release 2 and above.  
System Action: REXX is not available for processing.  
User Response: Install the proper releases of MVS and TSO/E.
AOP0616  **REXX HAS BEEN TERMINATED UNDER product**
Explanation: The product has successfully terminated REXX processing.
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP0619  **EXEC execname - IN STORAGE: YES|BAD DELETE PENDING: YES NO EXECLOADED: YES|NO USE COUNT: nn**
Explanation: This message is displayed in response to an EXECMAP command. It displays information about the named exec. *IN STORAGE: YES* means the exec has been successfully loaded. *IN STORAGE: BAD* means the exec was not successfully loaded, most likely because an attempt was made to load a non-REXX exec (such as a command procedure written in the CFILE language). *DELETE PENDING: YES* means the exec has been marked for deletion. *DELETE PENDING: NO* means it has not. *USE COUNT* is the number of active users of the exec. An exec will not be deleted from storage until it completes execution and its use count is 0. An exec's use count is incremented when an EXECLOAD operation is performed on it. This prevents the exec from being removed from storage even when it is not in use.
System Action: Processing continues.
User Response: If an exec shows *IN STORAGE: BAD*, correct the exec to make it a valid REXX exec and EXECLOAD it again. This will reload the exec properly and it may then be executed or EXECDROPed (removed from storage).

AOP0620  **UNSUPPORTED TSO/E REXX FUNCTION CALLED**
Explanation: A REXX exec has attempted to call an unsupported TSO/E REXX function from the product environment.
System Action: The call to the unsupported function results in a syntax error. REXX trace messages and message AOP0601 follow this message to identify the function in the REXX exec that caused the error.
User Response: Correct the REXX exec by removing the call to the unsupported function.

AOP0621  **TOD CHECKPOINT PROCESSING DOES NOT SUPPORT SECONDARY EXTENT, SOME TOD TRAPS MAY BE LOST**
Explanation: If you have allocated less than the maximum five tracks to the checkpoint dataset, your allocation may be too small.
System Action: This message is informational.
User Response: Allocate all five tracks to the checkpoint dataset.

AOP0650  **logtype DASD MESSAGE LOG INITIALIZATION COMPLETE**
Explanation: The DASD message log facility has been initialized. *logtype* identifies which message log, either 'RKOGLM' for the standard AF message log or 'USERLG' for the user message log.
System Action: The DASD message log facility is now available.
User Response: None. This is an informational message only.
**AOP0651** DASD MESSAGE LOG NOW RECORDING ON - *dsname*

**Explanation:** The log is now being recorded on the specified dataset name.

**System Action:** Data is being written into the specified dataset.

**User Response:** None. This is an informational message only.

---

**AOP0652** DASD MESSAGE LOG RECORDING ENDED ON - *dsname*

**Explanation:** The specified dataset has been filled, or a switch has been requested, and recording to this dataset has stopped.

**System Action:** The system stops writing to the specified dataset and begins writing to the next consecutively-numbered RKOGLM*nn* or USERLG*nn* dataset if a shutdown is not in progress.

**User Response:** None. This is an informational message only. You may trap on this message and initiate archival of the specified dataset’s contents.

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**AOP0653** DASD MESSAGE LOG DATASET UNUSABLE - *dsname*

**Explanation:** An error was encountered when opening or closing the specified dataset. This message usually follows another error message which describes the source of the error more specifically.

**System Action:** The dataset cannot be used, and it will be bypassed when switching between datasets occurs.

**User Response:** The specified dataset should be reallocated before restarting the product. See the *Configuration and Customization Guide* for correct dataset characteristics.

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**AOP0654** DD STATEMENT MISSING DASD MESSAGE LOG - *dsname*

**Explanation:** The specified dataset has been deallocated after log subtask initialization. An RKOGLM*nn* DD statement which existed at initialization is now missing.

**System Action:** The dataset cannot be used, and it will be bypassed when switching between datasets occurs.

**User Response:** Verify correct JCL coding. For instance, do not specify FREE=CLOSE.

---

**AOP0655** VOLUME NOT MOUNTED DASD MESSAGE LOG - *dsname*

**Explanation:** The specified dataset name is located on a volume that is not available to the system.

**System Action:** The dataset cannot be used, and it will be bypassed when switching between datasets occurs.

**User Response:** Ensure that the DASD volume you want to write to is available on the system.

---

**AOP0656** DASD MESSAGE LOG DATASET NOT FOUND - *dsname*

**Explanation:** The specified dataset does not exist on the allocated disk volume.

**System Action:** The dataset cannot be used, and it will be bypassed when switching between datasets occurs.

**User Response:** Examine the JCL and make sure the dataset name is spelled correctly.
AOP0657  PERMANENT I/O ERROR ENCOUNTERED  - dsname
Explanation: The specified dataset has a permanent I/O error condition.
System Action: The dataset cannot be used, and it will be bypassed when switching between datasets occurs.
User Response: Delete and reallocate the dataset. Make sure the DCB information is correct.

AOP0658  UNABLE TO CLOSE DASD MESSAGE LOG  - dsname
Explanation: A CLOSE request failed for the specified dataset.
System Action: It is assumed that the dataset cannot be used and it will be bypassed when switching between datasets occurs.
User Response: Check for other messages related to this dataset or its disk volume. There may be a physical problem with the dataset requiring reallocation.

AOP0658  UNABLE TO OPEN DASD MESSAGE LOG  - dsname
Explanation: An OPEN request failed for the specified dataset.
System Action: It is assumed that the dataset cannot be used and it will be bypassed when switching between datasets occurs.
User Response: Check for other messages related to this dataset or its disk volume. There may be a physical problem with the dataset requiring reallocation.

AOP0659  INVALID BLKSIZE ON DASD MESSAGE LOG - dsname
Explanation: The specified dataset was allocated with an invalid blocksize.
System Action: The dataset cannot be used, and it will be bypassed when switching between datasets occurs.
User Response: Delete and reallocate the dataset. Make sure the DCB information is correct.

AOP0660  FREEMAIN FAILED FOR DASD MESSAGE LOG - dsname
Explanation: A FREEMAIN request for logging buffers failed.
System Action: It is assumed that the dataset cannot be used and it will be bypassed when switching between datasets occurs.
User Response: Check for other messages related to this dataset. If the problem persists, take an MVS console dump of the product address space and contact Candle Customer Support.

AOP0660  GETMAIN FAILED FOR DASD MESSAGE LOG - dsname
Explanation: A GETMAIN request for logging buffers failed.
System Action: It is assumed that the dataset cannot be used and it will be bypassed when switching between datasets occurs.
User Response: Check for other messages related to this dataset. If the problem persists, take an MVS console dump of the product address space and contact Candle Customer Support.
AOP0661 UNABLE TO LOAD DATA MODULE:module FOR DASD MESSAGE LOG
Explanation: A LOAD request for module module failed. Either the module is missing or an I/O error occurred.
System Action: Message logging initialization is terminated.
User Response: Correct the reason for the LOAD failure and restart the product.

AOP0662 DDNAME=ddname UNAVAILABLE
Explanation: A DD statement for ddname was not provided.
System Action: Message logging initialization is terminated, if this is the standard AF DASD message log (e.g. ddname is 'RKOGLM01') the product terminates. For other message logs processing continues normally but the particular component is not available.
User Response: Logging datasets must be specified with DD statements starting with sequence number 01. Correct the JCL definitions for message log datasets and restart the product.

AOP0663 logtype ATTACH FAILED FOR DASD MESSAGE LOG SUBTASK
Explanation: The ATTACH request for the logging subtask failed.
System Action: Message logging initialization is terminated. logtype identifies which message log, either 'RKOGLM' for the standard AF message log or 'USERLG' for the user message log.
User Response: Increase the region size in the product started task JCL. If the problem persists, contact Candle Customer Support.

AOP0664 CLOSE FOR DASD MESSAGE LOG DELAYED - dsname
Explanation: A CLOSE request for the specified dataset has not completed in a reasonable amount of time (about 10 seconds).
System Action: This message remains highlighted until the CLOSE request completes.
User Response: Check the disk volume containing the active log dataset for a reserve or missing interrupt.

AOP0665 logtype DASD MESSAGE LOG SUBTASK NOT TERMINATING
Explanation: A product shutdown is in progress, and the message logging subtask has not terminated. logtype identifies which message log, either 'RKOGLM' for the standard AF message log or 'USERLG' for the user message log.
System Action: Termination waits for the subtask to end. This message is reissued every 15 seconds until the subtask ends.
User Response: Check for other messages indicating problems such as I/O pending.

AOP0666 logtype DASD MESSAGE LOG SUBTASK FAILED TO INITIALIZE
Explanation: The message logging subtask did not complete initialization within one minute. logtype identifies which message log, either 'RKOGLM' for the standard AF message log or 'USERLG' for the user message log.
System Action: Message logging initialization is terminated.
User Response: Contact Candle Customer Support.
AOP0667
logtype NO AVAILABLE DASD MESSAGE LOG DATASETS
Explanation: The logging subtask has attempted to switch to a new dataset, but none are usable. Errors have been encountered with every configured log dataset. logtype identifies which message log, either 'RKOGLM' for the standard AF message log or 'USERLG' for the user message log.
System Action: Message logging is terminated and the subtask terminates.
User Response: Restart the product with reallocated datasets.

AOP0668
logtype DASD MESSAGE LOG TERMINATION REQUEST ACCEPTED
Explanation: A product shutdown is in progress. logtype identifies which message log, either 'RKOGLM' for the standard AF message log or 'USERLG' for the user message log.
System Action: Any messages still queued in virtual memory are written to disk and recording ends.
User Response: None. This is an informational message only.

AOP0669
logtype DASD MESSAGE LOG TERMINATION COMPLETE
Explanation: The message logging subtask has completed processing. logtype identifies which message log, either 'RKOGLM' for the standard AF message log or 'USERLG' for the user message log.
System Action: The subtask terminates.
User Response: This is normal when the product is terminating. If the message logging subtask has terminated due to dataset errors, restart the product with reallocated datasets.

AOP0670
DASD MESSAGE LOG INITIALIZATION FAILED
Explanation: The message logging subtask failed to initialize.
System Action: The product terminates.
User Response: Check for other messages, before this one, indicating the nature of the problem.

AOP0671
logtype DASD MESSAGE LOG TERMINATION FAILED
Explanation: During shutdown, the request to terminate the message logging subtask failed. logtype identifies which message log, either 'RKOGLM' for the standard AF message log or 'USERLG' for the user message log.
System Action: The termination process continues.
User Response: Check for other messages, before this one, indicating the nature of the problem.

AOP0672
logtype DASD MESSAGE LOG DATASET SWITCH FAILED
Explanation: A request to switch to the next message log dataset failed. logtype identifies which message log, either 'RKOGLM' for the standard AF message log or 'USERLG' for the user message log.
System Action: Message log processing will continue if possible.
User Response: Contact Candle Customer Support.
**AOP0673**  
*logtype WRITE TO DASD MESSAGE LOG DELAYED*

**Explanation:** A WRITE request to the specified dataset has not completed in a reasonable amount of time (about 10 seconds). *logtype* identifies which message log, either 'RKOGLM' for the standard AF message log or 'USERLG' for the user message log.

**System Action:** This message remains highlighted until the WRITE request completes.

**User Response:** Check the disk volume containing the active log dataset for a reserve or missing interrupt.

**AOP0674**  
*logtype DASD MESSAGE LOG SUBTASK ABENDED IN csect*

**Explanation:** An abend has been intercepted and the specified *csect* (which includes the assembly date and time) was active.

**System Action:** A copy of this message is placed in the SDWA variable recording area for EREP processing. Abend processing continues. Any messages queued in virtual memory will not be written to disk. *logtype* identifies which message log, either 'RKOGLM' for the standard AF message log or 'USERLG' for the user message log.

**User Response:** Save the resulting dump for later analysis and restart the product. Contact Candle Customer Support.

**AOP0675**  
*logtype UNABLE TO ESTABLISH STIMER*

**Explanation:** An STIMER request has failed. This indicates a possible hardware problem. *logtype* identifies which message log, either 'RKOGLM' for the standard AF message log or 'USERLG' for the user message log.

**System Action:** Message logging will continue, but the logging subtask will not be able to monitor for missing interrupts on the output disk or for the virtual memory queue exceeding limits.

**User Response:** Shutdown and restart the product as soon as possible.

**AOP0676**  
*logtype DASD MESSAGE LOG ENDED ABNORMALLY*

**Explanation:** The message logging subtask has ended due to an abnormal condition, such as all logging data sets have become unusable (see message AOP0667). *logtype* identifies which message log, either 'RKOGLM' for the standard AF message log or 'USERLG' for the user message log.

**System Action:** Logging of messages to DASD is disabled until the problem is corrected and the product is restarted.

**User Response:** Correct the condition that forced the logging subtask to terminate and restart the product. If all log datasets are allocated on a single volume that has a condition causing I/O errors on all log datasets, reallocate the datasets on multiple DASD volumes to eliminate a single point of failure. From 1 to 99 log datasets can be provided.
AOP0677  OPEN FOR DASD MESSAGE LOG DELAYED - dsname
Explanation: An OPEN request for the specified dataset has not completed in a reasonable amount of time (about 10 seconds).
System Action: This message remains highlighted until the OPEN request completes.
User Response: Check the disk volume containing the active log dataset for a reserve or missing interrupt.

AOP0700  AOSSINIT UNABLE TO GET ADEQUATE SQA STORAGE
Explanation: During startup, the product was unable to GETMAIN the required CSA or SQA.
System Action: The product terminates.
User Response: Because the product uses very little SQA, this message may indicate a problem with your MVS system. If the condition persists, call Candle Customer Support.

AOP0701  product SUBSYSTEM INITIALIZATION FAILED
Explanation: The product was unable to identify itself to MVS properly.
System Action: The product terminates.
User Response: Restart the product. If the condition persists, call Candle Customer Support.

AOP0702  option.(oldvalue) TOO SMALL - INCREASED TO option.(newvalue)
Explanation: Specified (or default) startup values for MAXTRP or CSASIZ (option) were overridden by the product to allow productive processing. For MAXTRP, the value specifies the maximum number of traps defined at once. For CSASIZ, the value specifies the amount of CSA allowed.
System Action: The product increases MAXTRP or CSA to the minimum required for initialization.
User Response: No action is necessary. Consider adjusting the startup values to some number above the minimum requirement.

AOP0703  product SUBSYSTEM STARTED
Explanation: The product has been started for the first time since the last MVS IPL. It is ready for commands to trap and to act upon messages and commands.
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP0704  product SUBSYSTEM RESTARTED
Explanation: The product has been started more than once since the last MVS IPL. It is ready to receive commands.
System Action: Processing continues.
User Response: None. This is an informational message only.
AOP0707  MAXRUN LIMIT (nnn) HAS BEEN REACHED - MATCH EXECUTION DEFERRED
Explanation: The system has reached the limit for concurrently running matches, as specified in the MAXRUN startup parameter.
System Action: No new matches will be executed until one or more of the running matches terminates.
User Response: If this message is displayed and the product appears to stop processing, then check for one of the three following conditions:
- There are enough long-running matches (e.g. Cfiles/Execs containing loops or POVI interactions) in the system to use up the MAXRUN allocation. If so, review the MAXRUN parameter and increase it to allow the long-running matches to run alongside any short-running match processing.
- The product is processing matches which were deferred, and it will catch up in time. This is correct operation.
- There is a system problem. Issue the SHOW MATCHES command directly through the MVS MODIFY command to see what is running.

AOP0708  MATCH INFORMATION: MAXMAT(nn) MAXRUN(nn) CURRENT (nn)
Explanation: This message provides statistical information on the number of matches currently executing in the system. It is displayed as part of the response to an AF command. MAXMAT and MAXRUN are startup parameters, and CURRENT is the number of matches currently running.
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP0709  CONTROL BLOCK ERROR
Explanation: An internal product error has occurred.
System Action: The product terminates.
User Response: Collect all related documentation, including dump and message logs, and call Candle Customer Support.

AOP0710  product SUBSYSTEM IS ALREADY UP
Explanation: An attempt was made to start more than one copy of the product on a single MVS system using the same subsystem name.
System Action: The second copy of the product terminates.
User Response: Either use the copy of the product that is active, or shut that one down and start a new one, or use a different subsystem name.

AOP0711  AOSSCT AT ssctaddress, KOGCMS AT cmsaddress(length)
Explanation: This message is written only to the product message log. It is written at initialization time to document statistics about the following key control blocks and modules:
- the address of the product SSCT
- the address of the KOGCMS module
- the KOGCMS module length in bytes
System Action: Processing continues.
User Response: None. This is an informational message only.
<table>
<thead>
<tr>
<th>Message</th>
<th>Explanation</th>
<th>System Action</th>
<th>User Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>AOP0712</td>
<td><strong>MAXTRP</strong>(<em>trapnumber</em>) <strong>MAXMAT</strong>(<em>matchnumber</em>) <strong>MAXJOBS</strong>(<em>jobsnumber</em>) <strong>SUBSYS</strong>(<em>subsysname</em>) <strong>CPULIM</strong>(<em>cpulimit</em>) <strong>MSGLIM</strong>(<em>msglimit</em>)&lt;br&gt;Explanation: This message displays the following settings used for product initialization after the startup parameters, defaults, and overrides were processed.&lt;br&gt;- the maximum number of traps that can be defined to the product during the current session (<em>trapnumber</em>)&lt;br&gt;- the maximum number of concurrent matches the product can support during the current session (<em>matchnumber</em>)&lt;br&gt;- the maximum number of jobs in the job table (<em>jobsnumber</em>)&lt;br&gt;- the subsystem name assigned to the product (<em>subsysname</em>)&lt;br&gt;- the maximum number of CPU seconds any match can execute for (<em>cpulimit</em>)&lt;br&gt;- the maximum number of messages that any match can issue (<em>msglimit</em>)&lt;br&gt;&lt;br&gt;<strong>System Action:</strong> Processing continues.&lt;br&gt;<strong>User Response:</strong> None. This is an informational message only.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AOP0715</td>
<td><strong>SSI ABEND LIMITS:</strong> <strong>WTO</strong>(<em>nn</em>) <strong>CMD</strong>(<em>nn</em>) opt&lt;br&gt;Explanation: These are the limits for abends in CMD or WTO processing in the subsystem interface. If the abend limit is reached, the CMD or WTO of the subsystem interface will be disabled. Optional ABENDLIM parameters are displayed as opt opt can be 'WARNING_MESSAGE', indicating that a message will be issued when the abend count reaches 50 percent or more of the abend limit.</td>
<td><strong>System Action:</strong> Processing continues.</td>
<td>None. This is an informational message only.</td>
</tr>
<tr>
<td>AOP0716</td>
<td><strong>SSI ABEND COUNTS:</strong> <strong>WTO</strong>(<em>nn</em>) <strong>CMD</strong>(<em>nn</em>)&lt;br&gt;Explanation: This message shows the number of abends that have occurred during WTO and CMD processing in the subsystem interface. If the abend limit is reached, that part (CMD or WTO) of the subsystem interface will be disabled.</td>
<td><strong>System Action:</strong> Processing continues.</td>
<td>None. This is an informational message only.</td>
</tr>
<tr>
<td>AOP0721</td>
<td><strong>product SUBSYSTEM subsys IS ALREADY ENQUEUED</strong>&lt;br&gt;Explanation: An attempt was made to start more than one copy of the product on a single MVS system using a subsystem name of subsys.</td>
<td><strong>System Action:</strong> The second copy of the product terminates.</td>
<td>Either use the copy of the product that is active, or shut that one down and start a new one, or use a different subsystem name.</td>
</tr>
<tr>
<td>AOP0722</td>
<td><strong>GETBUF FAILURE</strong>&lt;br&gt;Explanation: An attempt was made to get a free trap entry, but there is no free trap.</td>
<td><strong>System Action:</strong> Initialization continues.</td>
<td><strong>User Response:</strong> Increment the number of trap entries.</td>
</tr>
</tbody>
</table>
AOP0723  PUTBUF FAILURE
Explanation: An unsuccessful attempt was made to queue the trap on the enabled chain.
System Action: Initialization continues.
User Response: Contact Candle Customer Support.

AOP0730  Unable to open RKOGLHnn - Cannot obtain DCSB
Explanation: The volume required was not mounted, or an I/O error occurred reading the VTOC.
System Action: The specified file will be bypassed and syslog processing will continue using the next RKOGLH file, unless there is only one RKOGLH file, in which case this message will be followed by message AOP0739 and syslog processing will not be initiated.
User Response: Mount the required volume or correct the problem with the device.

AOP0731  Unable to open RKOGLHnn - DD statement missing
Explanation: No DD statement could be found for ddname RKOGLHnn. Ddname RKOGLH01 must be specified.
System Action: The specified file will be bypassed and syslog processing will continue using RKOGLH01, unless nn is 01, in which case this message will be followed by message AOP0739 and syslog processing will not be initiated.
User Response: For ddnames other than RKOGLH01, no action is required; however, ddnames using values greater than nn will not be used.

AOP0732  Unable to open RKOGLHnn - insufficient virtual storage
Explanation: Insufficient virtual storage is available to initiate the syslog writer.
System Action: The syslog writer will not be initiated.
User Response: Increase the region size or decrease the BUFNO parameter on the DD statement for RKOGLHnn.

AOP0733  Unable to open RKOGLHnn - insufficient virtual storage
Explanation: Insufficient virtual storage is available to initiate the syslog writer.
System Action: The syslog writer will not be initiated.
User Response: Increase the region size, decrease the BUFNO parameter on the DD statement for RKOGLHnn, or decrease the blocksize of the RKOGLH datasets.

AOP0734  An unrecoverable error occurred while processing syslog data
Explanation: An unexpected error occurred. A system abend message may accompany this message.
System Action: The syslog writer will terminate.
User Response: Take action appropriate for the abend message and restart the syslog writer.
AOP0735  Attempt to open RKOGLHnn (dsn ON vol) failed
Explanation: An unexpected error occurred. A system abend message may accompany this message.
**System Action:** The specified file will be bypassed and syslog processing will continue using RKOGLH01, unless \( nn \) is 01, in which case this message will be followed by message AOP0739 and syslog processing will not be initiated.

**User Response:** Take action appropriate for the abend message and restart the syslog writer.

**AOP0736**  
**Syslog dataset bypassed**

**Explanation:** The operator replied N to message AOP0744.

**System Action:** The specified file will be bypassed and syslog processing will continue using the next RKOGLH file, unless there is only one RKOGLH file, in which case this message will be followed by message AOP0739 and syslog processing will not be initiated.

**User Response:** Either reply Y to use the dataset or modify the RKOGLH\( nn \) DD statement to access a dataset with the correct attributes.

**AOP0737**  
**Unable to reopen RKOGLH\( nn \) (dsn ON vol) - Cannot continue logging**

**Explanation:** The syslog writer attempted to switch back to RKOGLH\( nn \) but was unable to open the dataset.

**System Action:** The syslog writer will terminate.

**User Response:** Allocate a new dataset to RKOGLH\( nn \) and restart the writer.

**AOP0738**  
**Error occurred processing syslog dataset RKOGLH\( nn \) (dsn ON vol)**

**Explanation:** An error occurred writing data to the named dataset.

**System Action:** The writer will switch to the next dataset if possible. The system will produce an abend message describing the nature of the error.

**User Response:** Take action as indicated by the system abend message.

**AOP0739**  
**Unable to open RKOGLH\( nn \) (dsn ON vol) - Cannot initiate logging**

**Explanation:** DD RKOGLH\( nn \) must be successfully opened for the syslog writer to operate. This message will be preceded by another message describing the nature of the error.

**System Action:** The syslog writer will not be initiated.

**User Response:** Correct the error indicated by the prior message and restart the syslog writer.

**AOP0740**  
**Unable to open RKOGLH\( nn \) - Invalid device type requested**

**Explanation:** RKOGLH\( nn \) datasets must reside on a direct access storage device.

**System Action:** The specified file will be bypassed and syslog processing will continue using the next RKOGLH file, unless there is only one RKOGLH file, in which case this message will be followed by message AOP0739 and syslog processing will not be initiated.

**User Response:** Correct all DD statements to point to datasets allocated on DASD.
AOP0741  Syslog processing now available using RKOGLHnn (dsn ON vol)
Explanation: This is an informational message indicating that the syslog writer is active.
System Action: The syslog writer will begin processing.
User Response: None. This is an informational message only.

AOP0742  Syslog processing terminated
Explanation: This is an informational message indicating that the syslog writer has terminated.
System Action: The syslog writer will terminate processing.
User Response: None. This is an informational message only.

AOP0743  End of file reached on RKOGLHnn (dsn ON vol)
Explanation: This is an informational message indicating that the named file has reached end-of-file.
System Action: A log switch will automatically occur following this message.
User Response: This message may be trapped to start a task to archive the log data.

AOP0744  Wrong lrecl/blksize on RKOGLHnn (dsn ON vol) - new attribute will be used - OK to modify (Y OR N)?
Explanation: The attributes of the named dataset do not match those required by the syslog writer.
System Action: The syslog writer will wait for an operator reply.
User Response: Reply Y if the named dataset’s attributes may be overridden. Otherwise, reply N.

AOP0745  Switching from RKOGLHnn (dsn ON vol) to RKOGLHnn
Explanation: The processing of a dataset has been terminated, and the writer is automatically switching to the next log.
System Action: The syslog writer will begin writing to the next file.
User Response: None. This is an informational message only.

AOP0755  XMS ERROR IN MACRO macroname RC=retcode
Explanation: The specified non-zero, macro return code was received from the cross memory services macro routine.
System Action: Startup processing terminates with return code 8.
User Response: Call Candle Customer Support.

AOP0756  JES2 LEVEL IS INVALID: CHECK KABJ2TAB
Explanation: The JES2 offsets assembled into CSECT KABJ2TAB do not match those in the active primary JES2.
System Action: The product terminates.
User Response: Assemble and link KABJ2TAB using the current JES2 HASPSRC. Common problems include using the wrong HASPSRC, omitting the linkedit, not issuing LLA REFRESH, and linking into the wrong library.
AOP0757 UNABLE TO DETERMINE JES2 LEVEL: KABJ2TAB IS ASSUMED TO BE CORRECT
Explanation: The product is unable to determine whether KABJ2TAB is correct for use in your system.
System Action: Processing continues.
User Response: The reasons why the product cannot determine this include starting the product as a true MVS subsystem and using an unrecognized primary subsystem (the product recognizes JES2 and JES3). If you are not using JES2, ignore this message. Also, if KABJ2TAB is correct and you understand why the product cannot determine the JES2 level, ignore this message. Otherwise, manually ensure KABJ2TAB is valid, and call Candle Customer Support.

AOP0761 Rexx Shared Variable poolname pool Initialization Complete. number variables restored.
Explanation: The RSV service has completed initialization for pool poolname. There were number variables restored from the checkpoint file.
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP0762 Rexx Shared Variable Initialization Aborted. IRXINIT RC=nnnn
Explanation: While attempting to initialize RSV processing, IRXINIT terminated with return code nnnn.
System Action: RSV initialization stops. Other product processing continues.
User Response: Retry the operation. Contact Candle Customer Support if the problem persists.

AOP0763 Rexx Shared Variable Truncated. Name=name
Explanation: The REXX variable name was truncated to 32000 bytes of data when placed in the shared pool.
System Action: Processing continues. The variable in the customer’s local pool retains all characters, but the copy in the shared pool is truncated.
User Response: Consider breaking the variable into several smaller variables.

AOP0764 IRXEXCOM RC=nnnn. Rexx Shared Variables failure forces product shutdown.
Explanation: While attempting to establish the RSV pool, IRXEXCOM terminated with return code nnnn.
System Action: The RSV service cannot continue. Processing terminates with user abend.
User Response: Contact Candle Customer Support.

AOP0765 Rexx Shared Variable task unexpected restart. Termination Forced.
Explanation: The RSV task has unexpectedly regained control.
System Action: The RSV service cannot continue. Processing terminates with user abend.
User Response: Contact Candle Customer Support.
AOP0766  Rexx Shared Variable Anchor Block not found. Termination Forced.
Explanation: A vital control block for the RSV task has been rendered inaccessible. It is impossible for the RSV service to continue.
System Action: The RSV service cannot continue. Processing terminates with user abend.
User Response: Contact Candle Customer Support.

AOP0767  Name=var_name
= =====>var_name_continuation
Explanation: REXX Shared Variable name displayed in response to the SHOW RSVS command. The continuation line is only displayed when the variable name will not fit on a single line.
System Action: Processing continues.
User Response: None required.

AOP0768  Value=var_value
= =====>var_value_continuation
Explanation: REXX Shared Variable value displayed in response to the SHOW RSVS command. The continuation line is only displayed when the variable value will not fit on a single line. No more than one continuation line will be presented for any variable regardless of the length of its value.
System Action: Processing continues.
User Response: None required.

AOP0769  nnnn Variables Shown
Explanation: Final message issued in response to SHOW RSVS command. nnnn is the total number of variables displayed by the command.
System Action: Processing continues.
User Response: None required.

AOP0770  KOGMWTSK SUBTASK ABNORMAL TERMINATION
Explanation: The KOGMWTSK subtask encountered a problem and could not continue. Components and facilities which require KOGMWTSK will not function for the match that encountered the problem, all outstanding enqueues owned by the match are released.
System Action: Processing continues, KOGMWTSK is not restarted for the match.
User Response: Check the System Log (SYSLOG) and the Job Log for the product Started Task to see whether there were any additional messages issued at the same time that might give more information on why the abnormal termination occurred. Supply Candle Customer Support with the problem documentation.

AOP0771  KOGMWTSK INTERNAL ERROR - $MLSWRK ID INVALID
Explanation: Internal error, this message is accompanied by AOP0770.
System Action: Processing continues, the user of KOGMWTSK services will be given a bad return code and KOGMWTSK terminates.
User Response: Open an incident record with Candle Customer Support.
AOP0772  KOGMWTSK INTERNAL ERROR - INVALID FUNCTION CODE - X’xx’
Explanation: Internal error, the invalid function code is displayed in hex.
System Action: Processing continues, the user of KOGMWTSK services will be given a bad return code.
User Response: Open an incident record with Candle Customer Support.

AOP0780  IMS AOI EXIT DRIVER DFSAOUE0 UNABLE TO OBTAIN STORAGE FOR WORK AREA
Explanation: The product IMS AOI driver routine was unable to obtain a work area using the IMS storage services (IMODULE macro).
System Action: Processing continues. The exit returns to IMS without processing.
User Response: Possible IMS storage problem. Refer to an IMS diagnostic guide.

AOP0781  IMS AOI EXIT DRIVER DFSAOUE0 UNABLE TO FREE WORK AREA STORAGE
Explanation: The product IMS AOI driver routine was unable to free a work area using the IMS storage services (IMODULE macro).
System Action: Processing continues. The exit returns to IMS without processing. Register 15 contains a value of 255.
User Response: Possible IMS storage problem. Refer to an IMS diagnostic guide.

AOP0798  Invalid Response - Reply Y or N
Explanation: The operator did not reply Y or N in response to message AOP0744.
System Action: Message AOP0744 will be reissued
User Response: Reply either Y or N.

AOP0799  Unknown Error occurred processing syslog
Explanation: An indeterminate error occurred.
System Action: System action is unpredictable.
User Response: If the syslog writer terminates, restart it. Call Candle Customer Support.

AOP0903  ABEND RECOVERY SKIPPED FOR KOGMAIN
Explanation: Recursive abends have inhibited full abend recovery for a problem in module KOGMAIN. Some cleanup will not be done.
System Action: The product attempts to continue.
User Response: Restart the product.

AOP0904  ABEND RECOVERY COMPLETED FOR: command
Explanation: An abend occurred while the product was processing the command shown. Recovery and cleanup were completed successfully.
System Action: Processing continues.
User Response: None. This is an informational message only.
AOP0905  module SAVE AREA FREED BY RECOVERY
Explanation: This message is written only to the product message log. An abend occurred, and the specified product module has GETMAINed a save area on the chain as a part of cleanup of the failing thread.
System Action: The recovery process continues.
User Response: None. This is an informational message only.

AOP0906  ABEND RECOVERY INCOMPLETE FOR: command
Explanation: The named command was being processed when an abend occurred. However, abend recovery and cleanup were unable to complete processing. Another abend may have occurred during the cleanup, or the save area chain was invalid.
System Action: Processing continues. Some storage in the product private screen may be lost.
User Response: Re-execute the command.

AOP0907  DCB FOR DDNAME=ddname OPENED BY module CLOSED BY RECOVERY
Explanation: During abend recovery, a DCB in a ddname associated with the failing thread was found to have been left open by the specified module. Recovery closed it. This message appears only in the product message log.
System Action: The recovery process continues.
User Response: None. This is an informational message only.

AOP0908  UNABLE TO COMPLETE RECOVERY - SWITCHING TO DISPATCHER
Explanation: The product encountered a recursive abend situation while attempting to recover from a prior abend situation. The recovery routine is terminated and control is returned to the dispatching module.
System Action: Depending on the unit of work in progress, the product may continue.
User Response: Restart the product.

AOP0912  REXX ENVIRONMENT AT address NOT TERMINATED
Explanation: AF/Operator ABEND recovery in progress: REXX environment not terminated (cause unknown).
System Action: Continue ABEND recovery.
User Response: None. This is an informational message only.

AOP0913  REXX ENVIRONMENT AT address NOT FOUND
Explanation: AF/Operator ABEND recovery in progress: REXX environment not found.
System Action: Continue ABEND recovery.
User Response: None. This is an informational message only.

AOP0914  ABEND DURING TERMINATION OF REXX ENVIRONMENT AT address
Explanation: AF/Operator ABEND recovery in progress: An ABEND occurred during REXX environment termination.
System Action: Continue ABEND recovery.
User Response: None. This is an informational message only.
AOP0915  **REXX ENVIRONMENT AT address TERMINATED**  
**Explanation:** AF/Operator ABEND recovery in progress: REXX environment terminated normally.  
**System Action:** Continue ABEND recovery.  
**User Response:** None. This is an informational message only.

AOP0916  **UNABLE TO ESTABLISH REXX RECOVERY ENVIRONMENT**  
**Explanation:** AF/Operator ABEND recovery in progress: Unable to allocate dynamic storage for a REXX recovery match entry.  
**System Action:** Continue ABEND recovery.  
**User Response:** None. This is an informational message only.

AOP0917  **INVALID REXX RECOVERY ENVIRONMENT**  
**Explanation:** AF/Operator ABEND recovery in progress: Unable to release dynamic storage allocated for REXX recovery match entry.  
**System Action:** Continue ABEND recovery.  
**User Response:** None. This is an informational message only.

AOP0918  **SAVE AREA AT address CORRUPTED, NOT FREED BY RECOVERY**  
**Explanation:** AF/Operator ABEND recovery in progress: An overwritten save area or a zero save area address has been detected.  
**System Action:** Continue ABEND recovery.  
**User Response:** None. This is an informational message only.

AOP0970  **product RESOURCE CLEANUP IN PROGRESS**  
**Explanation:** The product-SSI interface has detected product termination.  
**System Action:** The product begins its SSI shutdown.  
**User Response:** None. This is an informational message only.

AOP0971  **RESOURCE CLEANUP FREED SUBSYSTEM CONSOLES**  
**Explanation:** The product released subsystem consoles it acquired at startup.  
**System Action:** The released subsystem consoles are available for use by other subsystems.  
**User Response:** None. This is an informational message only.

AOP0972  **product IS RECOVERING SUBSYSTEM CONSOLES -- ***  
**Explanation:** The product is freeing up previously allocated subsystem consoles. This is a normal part of the product shutdown procedure.  
**System Action:** None.  
**User Response:** None. This is an informational message only.

AOP0980  **product RECOVERY HAS DISABLED SUBSYSTEM**  
**Explanation:** The product ESTAE routine has disabled the product sub-system interface. This may be caused by damaged or missing product control blanks.  
**System Action:** The product terminates.  
**User Response:** Restart the product.
**AOP0981**

**RETURN CODE retcode FROM ESTAE MACRO**

**Explanation:** An attempt to establish ESTAE recovery failed with the specified return code.

**System Action:** The product terminates.

**User Response:** Restart the product. If the condition persists, call Candle Customer Support.

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**AOP0982**

**product USING PERSONALITY CSECT TO LOGICALLY DELETE HOOK**

**Explanation:** Product control blocks are damaged or missing. The system is attempting to unhook itself.

**System Action:** The product terminates.

**User Response:** Restart the product.

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**AOP0983**

**WTO AND DOM PROCESSING SUSPENDED. ABEND LIMIT EXCEEDED.**

**Explanation:** The upper limit for abends in WTO processing (which defaults to 30) has been reached. ssss identifies the subsystem where the problem has occurred.

**System Action:** WTO and DOM processing is suspended.

**User Response:** You can enable the WTO and DOM interfaces again using the AF SSIRESET, AF WTO, or AF DOM commands. If CMD processing has been disabled, you must issue the commands via MODIFY. If not, you can issue the commands as usual.

The ABENDLIM(WTO(nn),CMD(nn)) startup parameter allows you to increase the default setting for the command processing abend limit and the WTO and DOM processing abend limit.

**Note:** The abend limits are there to prevent multiple, perhaps recursive, abends in the SSI from locking out the product or the console address space. For this reason Candle recommends you keep the limits reasonably low (start with the defaults) and adjust them upwards or downwards to suit your operating environment.

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**AOP0984**

**COMMAND PROCESSING SUSPENDED. ABEND LIMIT EXCEEDED.**

**Explanation:** The upper limit for abends in command processing (which defaults to 5) has been reached. ssss identifies the subsystem where the problem has occurred.

**System Action:** The product stops trapping commands through the subsystem interface. Further command processing is suspended.

**User Response:** You can enable the command interface again using the AF SSIRESET or AF CMD command. You must issue this via MODIFY since the SSI interface has been disabled, for example:

```
F task,AF SSIRESET
```

where *task* is the product started task name at your site. The ABENDLIM(WTO(nn),CMD(nn)) startup parameter allows you to increase the default setting for the command processing abend limit and the WTO and DOM processing abend limit.
Note: The abend limits are there to prevent multiple, perhaps recursive, abends in the SSI from locking out the product or the console address space. For this reason Candle recommends you keep the limits reasonably low (start with the defaults) and adjust them upwards or downwards to suit your operating environment.

AOP0985 WTO AND DOM ABEND THRESHOLD WARNING
Explanation: The abend count in SSI processing for WTO and DOM events has reached 50 percent or more. Where ssss identifies the subsystem where the abend count has reached the threshold.
System Action: Processing continues.
User Response: This message is produced in advance of SSI processing being suspended. See associated messages AOP0983 for further information.

Note: The abend limits are there to prevent multiple, perhaps recursive, abends in the SSI from locking out the product or the CONSOLE address space. for this reason it is extremely important to determine the underlying cause of the abend rather than continually reset the SSI abend counts using the AF SSIRESET command.

AOP0986 COMMAND ABEND THRESHOLD WARNING
Explanation: The abend count in SSI processing for CMD events has reached 50 percent or more. Where ssss identifies the subsystem where the abend count has reached the threshold.
System Action: Processing continues.
User Response: This message is produced in advance of SSI processing being suspended. See associated message AOP0984 for further information.

Note: The abend limits are there to prevent multiple, perhaps recursive, abends in the SSI from locking out the product or the CONSOLE address space. for this reason it is extremely important to determine the underlying cause of the abend rather than continually reset the SSI abend counts using the AF SSIRESET command.

AOP0990 loadmod NOT LICENSED FOR CPU MODEL modelnum SERIAL NUMBER serialnum
Explanation: An attempt was made to start the product (loadmod) on a CPU for which the copy of the product was not licensed.
System Action: The product terminates.
User Response: Obtain proper license authority for this CPU before proceeding.

AOP0991 ***WARNING*** product INTEGRITY LOST POSSIBLY BY RECENTLY STARTED TASK
Explanation: During initialization, the product discovered that its hook into the subsystem interface is not there, but internal flags say it already exists.
System Action: The product cannot resolve this inconsistency. Initialization is terminated and the hook is disabled.
User Response: Run the AOUNHOOK job shipped in the rhilev.RKOJCL dataset to ensure that the hook has been removed. Restart the product.
AOP0992  ***WARNING*** PREVIOUS RUN OF product LEFT GCD
Explanation: During initialization, the product discovered that its hook into the subsystem interface has been left enabled by a previous product.
System Action: Product initialization continues. The prior hook is reused.
User Response: None. This is an informational message only.

AOP0993  LOAD MODULE loadmod NOT APF-AUTHORIZED
Explanation: The specified load module is not APF authorized.
System Action: The product terminates.
User Response: Verify that the load module is marked APF authorized and that it resides in an authorized library.

AOP0995  taskname product KILLED
Explanation: The AF KILL command was issued. Abend U995 is issued, and a dump is printed on ddname SYSUDUMP.
System Action: The product terminates.
User Response: None. This is an informational message only.

AOP0996  RECURSIVE ABEND - ABEND U996 FORCED
Explanation: The product ESTAE routine was re-entered before it had completed processing the first abend. The product is brought down with a SYSUDUMP.
System Action: The product terminates.
User Response: Print the dump and message log. Restart the product.

AOP0997  taskname  @ABEND SYS=sc USER=uc DUMP=yes/no, SNAP=yes/no RETRY=option
Explanation: An abend occurred in the specified task. This message details the following:
- the system abend code (sc)
- the user abend code (uc)
- whether a dump will be performed
- whether a snap will be performed
the retry option may be:

mod+off IN EFFECT  Where mod is a module name and off is an offset at which retry will be attempted.

NO  No retry will be attempted.

IGNORED (NO SDWA)  MVS did not provide information necessary for recovery.

System Action: The product terminates.
User Response: Investigate the original abend. A NO SDWA condition may imply a serious problem with MVS.
**AOP0998**

*taskname product ABEND abendcode note*

**Explanation:** An abend has occurred in the specified task name. This message provides the following information, based on what was available at the time the error occurred.
- the system (S) or user (U) abend code (such as, U999 or S0C4).
- *note* may be:
  - **AT mod off** where *mod* is the module name and *off* is the offset of the abend.
  - **AT UNKNOWN ADDR** the failing module and offset could not be determined.
  - **WAIT LIST EXCEEDED** the product reached a limit based on the amount of concurrent activity waiting on ECBs.

**System Action:** Depending on the abend, the product may initiate recovery.
**User Response:** If the abend indicates a problem in the product code, call Candle Customer Support.

**AOP0999**

*PSW AT TIME OF ABEND pstatword*

**Explanation:** An abend has occurred, and the product ESTAE routine reported the location of the abend (*pstatword*). This message is followed by the register list form in the message below.

**System Action:** The recovery process continues.
**User Response:** None. This is an informational message only.

**AOP0999**

*registerlist*

**Explanation:** This message follows the format of message AOP0999 above to provide more information about the abend. It contains a list of registers and their contents; it may display R0 through R7 or R8 through R15.

**System Action:** The recovery process continues.
**User Response:** None. This is an informational message only.

**AOP0999**

*taskname product ENDED*

**Explanation:** The product has shut down, probably due to the AF STOP command.
**System Action:** The product terminates.
**User Response:** None. This is an informational message only.
AOP1000  ERROR DELETING CONSOLE
Explanation: The product encountered an error trying to free a console.
System Action: The console is not freed.
User Response: To free the console, you need to IPL the system.

AOP1001  RESOURCE CLEANUP LOGICALLY DELETED AOSSREQ
Explanation: The product-SSI interface has been deactivated.
System Action: The product can no longer intercept SSI events.
User Response: None. This is an informational message only.

AOP1002  ONE OR MORE MINOR MLWTOS IGNORED - OUT OF SEQUENCE - SUBSYS(ssss),SEQ#(nnn)
Explanation: The product intercepted a minor segment of an MLWTO, but cannot locate the previous segments. Where ssss identifies the subsystem issuing the message and nnn identifies the MLWTO.
System Action: The segment causing the problem is ignored.
User Response: The probable cause is that MLWTO segments are arriving at a relatively slow rate (more than 30 seconds between consecutive segments). The product assumes that the MLWTO lacks an END segment and creates a match for the incomplete MLWTO. Then when segments arrive later, they cause this message to appear.
Determine if MLWTO segments are arriving at a slow rate and why. The reason may be a low dispatching priority of the MLWTO issuer.

AOP1003  MLWTO BUFFER HEADER OVERFLOW, MLWTO IGNORED - SUBSYS(ssss), SEQ#(nnn),MSG(xxxxxxxxxxxxx*)
Explanation: The product accumulates all MLWTOS in special staging areas. The product can concurrently accumulate up to the number of MLWTOS specified by BUFNUM on the MLWTO startup parameter. If more MLWTOS are in progress than the number specified by BUFNUM, this message will be issued. Where ssss identifies the subsystem issuing the message, nnn identifies the MLWTO and xxxxxxxxxxxxxxx are the first few characters of the message text.
System Action: The MLWTO, which cannot be stored, is ignored.
**User Response:** The probable cause is that MLWTO segments are arriving at a relatively slow rate. The product must store all the segments before it can process the message. Until the END segment arrives, signalling the end of the MLWTO, the MLWTO buffer cannot be released. A slow arrival rate of the MLWTO segments may cause all staging areas to be occupied.

Determine if MLWTO segments are arriving at a slow rate and why. The reason may be a low dispatching priority of the MLWTO issuer. Review the value specified for BUFNUM on the MLWTO startup parameter.

**AOP1004**  
**GETMAIN FAILED FOR MLWTO HEADER - SUBSYS(ssss)**

**Explanation:** The product is trying to allocate Global storage (CSA) for its MLWTO staging areas. However, the storage cannot be acquired. Where ssss identifies the subsystem issuing the message.

**System Action:** The current MLWTO is ignored.

**User Response:** Determine what is causing the CSA shortage and correct the condition.

**AOP1005**  
**GETMAIN FAILED FOR MLWTO BUFFER - SUBSYS(ssss), SEQ#(nnn), MSG(xxxxxxxxxxxxx *)**

**Explanation:** The product is trying to allocate Global storage (CSA) for one of the buffers in the MLWTO staging area, but the storage cannot be acquired. This message appears when the very first buffer cannot be acquired. Where ssss identifies the subsystem issuing the message, nnn identifies the MLWTO and xxxxxxxxxxxxxxx are the first few characters of the message text.

**System Action:** The current MLWTO segment is ignored.

**User Response:** Determine what is causing the CSA shortage and correct the condition.

**AOP1006**  
**GETMAIN FAILED FOR MLWTO BUFFER - SUBSYS(ssss), SEQ#(nnn)**

**Explanation:** The product is trying to allocate Global storage (CSA) for one of the buffers in the MLWTO staging area, but the storage cannot be acquired. This message appears when the second or any subsequent buffer cannot be acquired. Where ssss identifies the subsystem issuing the message and nnn identifies the MLWTO.

**System Action:** The current MLWTO segment is ignored.

**User Response:** Determine what is causing the CSA shortage and correct the condition.

**AOP1007**  
**EYECATCH INVALID**

**Explanation:** The product encountered an error while processing the SHOW LOGON command.

**System Action:** The command is ignored. Processing continues.

**User Response:** None. This is an informational message only.
AOP1023  AOPSTMAT XM POST ERROR - TO ASID=xxx COMPCODE=xxxxxxxx MATENT=xxxxxxxx
Explanation: The product encountered an error while attempting a cross memory POST.
System Action: Processing continues. A return code 8 message is issued. The message contains information for the cross-memory address space.
User Response: None. This is an informational message only.

AOP1024  CONSOLE RECOVERY INITIATED
Explanation: The product ESTAE has been invoked to recover the console.
System Action: The product will stop intercepting messages for that console and free the Response Blocks.
User Response: Determine what caused the ESTAE and correct the condition.

AOP1025  CONSOLE RECOVERY SUCCESSFUL
Explanation: The product ESTAE recovery has completed.
System Action: The product will return or proceed with a dump if a SDWA was provided.
User Response: Determine what caused the ESTAE and correct the condition.

AOP1028  PEER INACTIVE CHAIN BROKEN
Explanation: PEERLINK processing detected an entry on the inactive Multi-System Management Facility (MSMF) chain that did not point to the next entry. This is an internal MSMF problem.
System Action: The system action is unpredictable.
User Response: Call Candle Customer Support.

AOP1031  RESOURCE CLEANUP FREED CONSOLES
Explanation: The product released consoles it acquired at startup.
System Action: The released consoles are available for use by other subsystems.
User Response: None. This is an informational message only.

AOP1032  PLEASE ENTER THE USERID/PASSWORD
Explanation: A product command has been issued, and the AOUSRSEC command security exit has been invoked. The operator is being prompted to supply a user ID and security password which the exit will use to determine if the command may be issued.
System Action: Processing continues. The command will not be executed until a user ID and password is supplied. The AOUSRSEC exit may then do security checking with this information. The command will be rejected if an invalid password is supplied.
User Response: Reply to the WTOR with a valid user ID and password.
AOP1033 COMMAND cmdtext REJECTED BY AOUSRSEC

Explanation: A product command has been issued and the AOUSRSEC command security exit has been invoked. The exit is rejecting the command based upon the security check.

System Action: The command will not be executed. Processing continues.

User Response: Determine what level of authority is required to issue the command, and reissue the command if appropriate.

AOP1034 GETMAIN FAILED FOR MLWTO WORK AREA

Explanation: The product is trying to allocate private storage for the MLWTO work area. However, the storage can not be acquired.

System Action: The current MLWTO is ignored.

User Response: Determine what is causing the storage shortage and correct the condition. Try increasing the region size.

AOP1040 BELOW MLWTO SEGMENT IGNORED DUE TO TIMEOUT - SUBSYS(ssss), SEQ#(nnn)

Explanation: The product intercepted a minor segment of an MLWTO, but the segment has timed out. Where ssss identifies the subsystem issuing the message and nnn identifies the MLWTO.

System Action: The segment causing the problem is ignored.

User Response: If this message is issued frequently, then increase the timeout limit and/or MLWTO buffer count.

AOP1041 ONE OR MORE MINOR MLWTOS IGNORED - BUFFER LIMIT EXCEEDED - SUBSYS(ssss),SEQ#(nnn)

Explanation: The product stopped buffering, at 1000, the minor segments under an MLWTO to avoid causing a CSA shortage. Where ssss identifies the subsystem issuing the message and nnn identifies the MLWTO.

System Action: All of the remaining minor lines under this MLWTO will be ignored.

User Response: The most probable cause of this situation is a looping or runaway application that is generating an excessive number of MLWTO minor lines. Investigate which application is issuing all of these message lines and modify or cancel it, as is appropriate.

AOP1042 MISSING MLWTO END RECORD, DUMMY END GENERATED - SUBSYS(ssss),JOB(jjjjjjj iiiiii), SEQ#(nnn),MSG(xxxxxxxxxxxxxx*)

Explanation: The MAXTVAL specification of the MLWTO startup parameter has been exceeded and a dummy end record was generated in order to complete the MLWTO and allow it to be processed. Where ssss identifies the subsystem issuing the message, nnn jjjjjjjj and iiiiiiii identify the job issuing the MLWTO nnn identifies the particular MLWTO and xxxxxxxxxxxxxx are the first few characters of the message text.

System Action: Processing continues, any trailing lines for this MLWTO are ignored and are accompanied by message AOP1002 when processed.

User Response: The most probable cause of this situation is MAXTVAL is too low, otherwise if the MLWTO has no end record correct the issuing program.
AOP1050  INVALID CROSS MEMORY ENVIRONMENT CALL: \textit{event} NOT PROCESSED, SUB-SYSTEM DISABLED

\textbf{Explanation:} Cross-memory error has occurred. This error message is issued to the MVS system log when a cross-memory call to report an MVS event fails. The MVS \textit{event} can be COMMAND, DOM, or WTO. The failure occurs when the product subsystem address space is unavailable to accept cross-memory calls. The most likely cause of the failure is no address space to receive the cross-memory call or the address space is swapped out. The product address should always execute non-swappable.

\textbf{System Action:} The SVC 34 request is aborted and the subsystem is disabled.

\textbf{User Response:} Ensure that the target product address space exists and is non-swappable. Also ensure that automation procedures do not make the address space swappable after the product has started. Retry the operation. If unsuccessful, contact Candle Customer Support.

AOP1060  ONE OR MORE OPERATOR COMMAND RESPONSE LINES IGNORED - BUFFER LIMIT EXCEEDED

\textbf{Explanation:} The product has, after 999 lines, stopped processing response lines from an "OPER RESP" command, to avoid causing a CSA shortage.

\textbf{System Action:} All of the remaining response lines will be ignored, and their data will not be returned in "LINE\textit{nnn}" variables.

\textbf{User Response:} Investigate the operator command, and modify it as appropriate to produce fewer lines of system response.

AOP1061  INVALID COMMAND RESPONSE BUFFER DETECTED - REMAINING LINE(S) IGNORED

\textbf{Explanation:} The product was about to write the WTO or MLWTO text line to the command response buffer, but determined that the buffer area was not within the storage which was obtained.

\textbf{System Action:} The WTO or MLWTO and any remaining lines under the MLWTO will be ignored.

\textbf{User Response:} The most probable cause of this situation is an overlay of storage. The product will stop writing out the text lines to prevent any potential ABENDs.

AOP1080  NVALERT - CNMNETV MODULE NOT AVAILABLE

\textbf{Explanation:} NVALERT processing failed when trying to load the Netview CNMNETV module. This module must be available in order to use the PPI to send alerts.

\textbf{System Action:} NVALERT processing is terminated. Normal OG/MVS processing continues.

\textbf{User Response:} Make sure the Netview CNMNETV module is available to OG/MVS. Place the module in LPA, LINKLIST or STEPLIB.
AOP1081  NVALERT - PPI ERROR, NETVIEW NOT AVAILABLE
Explanation: The Netview subsystem is not active. Netview must be active in order to use the PPI to send alerts.
System Action: NVALERT processing is terminated. Normal OG/MVS processing continues.
User Response: Make sure the Netview subsystem address space is active.

AOP1082  NVALERT - PPI ERROR, RECEIVER xxxxxxx NOT DEFINED
Explanation: Receiver xxxxxxx was specified on the NVALERT command. This receiver has not been defined to Netview.
System Action: NVALERT processing is terminated. Normal OG/MVS processing continues.
User Response: Make sure the specified receiver has been defined on the Netview Alert Receiver task statement.

AOP1083  NVALERT - PPI ERROR, REQUEST TYPE xx, RETURN CODE xx
Explanation: NVALERT processing has issued a type xx PPI call. The call has failed with the specified return code.
System Action: NVALERT processing is terminated. Normal OG/MVS processing continues.
User Response: Check the Netview Application Programming Guide for a description of the various error return codes.

AOP1084  NVALERT - PPI WARNING, RECEIVER xxxxxxx INACTIVE
Explanation: Receiver xxxxxxx was specified on the NVALERT command. This receiver has been defined to Netview but is currently not active. Most likely the Netview Alert Receiver task CNMCALRT has become inactive.
System Action: The alert is sent but will be queued until the specified receiver becomes active.
User Response: Restart the Netview Alert Receiver task associated with the specified receiver ID.

AOP2001  match MATCH NOT SCHEDULED, UNABLE TO OBTAIN A FREE MATCH BUFFER - SUBSYS(ssss),JOB(jjjjjj)
Explanation: Subsystem ssss has run out of match entries. No new matches can be processed. jjjjjj indicates the jobname of the affected subsystem.
System Action: The current event is ignored. As processing continues, match entries will be freed, and new events can be processed.
User Response: If the product fails to respond, enter commands via MVS MODIFY (F). If this condition occurs frequently, shut down the product and increase the value of the MAXMAT parameter.
AOP2003  SPECIFIED SYSID IS NOT AN ACTIVE LINK
Explanation: The SYSID specified in the SYSID parameter has not been activated by the PEERLINK START command, or the MSMF link has been disconnected.
System Action: Activate the link with PEERLINK START, or restart the Multi-System Management Facility (MSMF) partner.

AOP2004  INVALID SYMDEST INITCONV
Explanation: The symbolic destination used during conversation initialization is incorrect. This is an internal TP program name used by the Multi-System Management Facility (MSMF) and is not specified by the user.
System Action: The system action is unpredictable.
User Response: Call Candle Customer Support.

AOP2005  STORAGE SHORTAGE INITCONV
Explanation: A short-on-storage condition was detected by the Multi-System Management Facility (MSMF) during conversation initialization. This is an internal MSMF problem.
System Action: The system action is unpredictable.
User Response: Call Candle Customer Support.

AOP2006  INTCONV ERROR
Explanation: A logic error was detected by the Multi-System Management Facility (MSMF) during conversation initialization. This is an internal MSMF problem.
System Action: The system action is unpredictable.
User Response: Call Candle Customer Support.

AOP2007  MODENAME INVALID ALLOCATE CONV
Explanation: The modename used during conversation allocation was incorrect. This is an internal Multi-System Management Facility (MSMF) problem.
System Action: The system action is unpredictable.
User Response: Call Candle Customer Support.

AOP2008  STORAGE SHORTAGE ALLOCATE
Explanation: A short-on-storage condition was detected by the Multi-System Management Facility (MSMF) during conversation allocation. This is an internal MSMF problem.
System Action: The system action is unpredictable.
User Response: Call Candle Customer Support.

AOP2009  ALLOCATION ERROR
Explanation: A logic error was detected by the Multi-System Management Facility (MSMF) during conversation allocation. This is an internal MSMF problem.
System Action: The system action is unpredictable.
User Response: Call Candle Customer Support.
AOP2010  SEND ERROR SESSION NOT AVAILABLE  
**Explanation:** The conversation ID used by the COM1SEND DATA macro is no longer available. This is an internal Multi-System Management Facility (MSMF) problem.  
**System Action:** The system action is unpredictable.  
**User Response:** Call Candle Customer Support.

AOP2011  SEND ERROR SESSION NOT AVAILABLE  
**Explanation:** The conversation ID used by the COM1SEND DATA macro is no longer available. This is an internal Multi-System Management Facility (MSMF) problem.  
**System Action:** The system action is unpredictable.  
**User Response:** Call Candle Customer Support.

AOP2012  SENDDATA ERROR  
**Explanation:** A logic error was detected by VTAM when trying to send data to the partner logical unit. This is an internal Multi-System Management Facility (MSMF) problem.  
**System Action:** The system action is unpredictable.  
**User Response:** Call Candle Customer Support.

AOP2013  product RECVBUFFR FREEMAIN ERROR  
**Explanation:** When trying to free the VTAM receive buffer, an error was returned by FREEMAIN processing. The FREEMAIN return code is in register 15. This is an internal Multi-System Management Facility (MSMF) problem.  
**System Action:** The system action is unpredictable.  
**User Response:** Call Candle Customer Support.

AOP2014  CONVERSATION FAILURE OPErrSP  
**Explanation:** The return code from COM1, after a COM1RECEIVE macro was issued, is non-zero. This is an internal Multi-System Management Facility (MSMF) problem.  
**System Action:** The system action is unpredictable.  
**User Response:** Call Candle Customer Support.

AOP2015  SPECIFIED SYSID IS NOT AN ACTIVE LINK  
**Explanation:** The SYSID specified in the SYSID parameter has not been activated by the PEERLINK START command, or the Multi-System Management Facility (MSMF) link has been disconnected.  
**System Action:** The command is ignored.  
**User Response:** Activate the link with PEERLINK START, or restart the MSMF partner. See commands PEER and PEERLINK in the Command Reference Manual.

AOP2020  AOPSL: NO SYSWORK  
**Explanation:** The product encountered an error while processing the SHOW LOGON command.  
**System Action:** The command is ignored. Processing continues.  
**User Response:** None. This is an informational message only.
AOP2021  product ACTIVITY SUMMARY REPORT
product --- WTO/WTOR COMMAND

Explanation: The SHOW STATS command was issued and displays a report of WTO/WTOR and COMMAND statistics. Two AOP2021 message lines form the header. A series of AOP0280 message lines is followed by message AOP0281. For example:

```
!AOP2021 product ACTIVITY SUMMARY REPORT
!AOP2021 product --- WTO/WTOR COMMAND
!AOP0280 # MONITORED : 8594 882
!AOP0280 # SELECTED : 4222 111
!AOP0280 % SELECTED : 49 % 12 %
!AOP0280 # SUPPRESSED : 4079 111
!AOP0280 % SUPPRESSED : 47 % 12 %
!AOP0280 # ALTERED : 0 N/A
!AOP0281 # Time-of-Day Events Triggered : 0
```

System Action: Processing continues.
User Response: None. This is an informational message only.

AOP2023  CTLOPR ANCHOR FAILURE.

Explanation: The product MSMF interface routine was unable to obtain the SSCT anchor address.
System Action: The MSMF function is terminated and control is returned to the product. The system action could be unpredictable.
User Response: If the problem persists, follow standard problem determination/recovery practices.

AOP2025  CHAIN TO ERROR

Explanation: The product encountered an error while processing an outbound DOM request for the Multi-System Management Facility (MSMF).
System Action: The DOM request is discontinued. Processing continues.
User Response: None. This is an informational message only.

AOP2040  ERROR mcsoper function CONSOLE console name - CID(console id)
         MIGID(migration id) - RC(return code) REASON(reason code)

Explanation: This message is issued whenever an IBM MCSOPER is issued and the return code was non-zero for that call.
System Action: This message is informational. If other messages appear that indicate EMCS problems are occurring, this message will aid in the diagnosis of those problems.
User Response: None. This is an informational message only.
AOP3001  **PEER INTERFACE INITIALIZATION STARTED**  
**Explanation:** The Multi-System Management Facility (MSMF) has started the peer-to-peer communication support interfaces.  
**System Action:** Processing continues.  
**User Response:** None. This is an informational message only.

AOP3002  **PEER SUBTASK START SUCCESSFULLY**  
**Explanation:** The Multi-System Management Facility (MSMF) main task has been successfully attached.  
**System Action:** Processing continues.  
**User Response:** None. This is an informational message only.

AOP3003  **PEER LOCAL ACB applid SUCCESSFULLY OPENED**  
**Explanation:** The local operator VTAM ACB for the Multi-System Management Facility (MSMF) has been opened.  
**System Action:** Processing continues.  
**User Response:** None. This is an informational message only.

AOP3004  **PEER COM1 INTERFACE INITIALIZATION SUCCESSFUL**  
**Explanation:** The COM1 interface for the Multi-System Management Facility (MSMF) has been successfully started.  
**System Action:** Processing continues.  
**User Response:** None. This is an informational message only.

AOP3005  **PEER LOCAL TRANSACTION PROGRAMS DEFINED**  
**Explanation:** The Multi-System Management Facility (MSMF) local internal transaction programs have been successfully defined.  
**System Action:** Processing continues.  
**User Response:** None. This is an informational message only.

AOP3006  **PEER INTERFACE INITIALIZATION SUCCESSFULLY COMPLETED**  
**Explanation:** The Multi-System Management Facility (MSMF) interface is ready for use.  
**System Action:** Processing continues.  
**User Response:** None. This is an informational message only.

AOP3007  **PEER TERMINATION REQUEST ACCEPTED, TERMINATING**  
**Explanation:** A request to terminate the Multi-System Management Facility (MSMF) interface has been received, but the interface will not terminate until all active sessions are ended, the ACB is closed, or a PEER STOP FORCE command is processed.  
**System Action:** An MSMF interface quiesce is attempted.  
**User Response:** Stop all active sessions, or inactivate ACB and reissue the PEER STOP command until message AOP3008 is received.
AOP3008  PEER SUBTASK AND LOCAL LU TERMINATED
Explanation: The Multi-System Management Facility (MSMF) interface has been terminated.
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP3010  PEER LOCAL LU ALREADY INITIALIZED
Explanation: An attempt was made to start the Multi-System Management Facility (MSMF) interface while it was active.
System Action: The command is ignored.
User Response: None. This is an informational message only.

AOP3011  PEER INITIALIZATION STORAGE SHORTAGE
Explanation: An attempt was made to start the Multi-System Management Facility (MSMF) interface, but there was insufficient private area storage to properly complete initialization.
System Action: The MSMF initialization is aborted.
User Response: Increase the product region size and restart the product.

AOP3012  PEER COM1 LOCAL LU NAME NOT DEFINED applid
Explanation: An attempt was made to open the local ACB, but the applid was not known to VTAM.
System Action: Multi-System Management Facility (MSMF) initialization is aborted.
User Response: Specify the correct applid on the PEER START command and retry.

AOP3013  PEER COM1 LOCAL LU NAME INVALID applid
Explanation: An attempt was made to open the local ACB but the applid was not known to VTAM or was not type=appl.
System Action: The Multi-System Management Facility (MSMF) initialization is aborted.
User Response: Specify the correct applid on the PEER START command and retry.

AOP3014  PEER COM1 LOCAL INITIALIZATION UNDEFINED ERROR
Explanation: An unexpected VTAM internal error has occurred.
System Action: The Multi-System Management Facility (MSMF) initialization is aborted.
User Response: Verify that VTAM is active and not halting. Retry initialization.

AOP3015  PEER COM1 NOT INITIALIZED
Explanation: A PEER command was issued, but the Multi-System Management Facility (MSMF) interface is not active.
System Action: The PEER command is ignored.
User Response: Start the MSMF interface.
AOP3016  PEERLINK DEFINE PARTNER LU NAME INVALID applid
Explanation: An attempt was made to define a partner LU but VTAM could not find applid.
System Action: The PEERLINK command is terminated.
User Response: Verify that the applid is correct or, if this is a cross-domain resource, verify that CDRM for that application is active. Reissue the PEERLINK command.

AOP3017  PEER STORAGE SHORTAGE function
Explanation: An attempt was made to execute the specified PEER command function, but there is insufficient storage to process the request.
System Action: The function is terminated.
User Response: Terminate the product and increase the private area region size.

AOP3018  PEER RESOURCE FAILURE NO RETRY function linkid
Explanation: While attempting to execute the specified function call, the COM1 interface encountered an error caused by VTAM aborting, halting, or being inactive.
System Action: The PEER command is terminated.
User Response: Verify that VTAM is active and processing normally. Reissue the PEER command.

AOP3019  PEER SYSTEM ERROR function
Explanation: While attempting to process the specified function call, the COM1 interface found that either VTAM was not active or that a VTAM internal error had occurred.
System Action: The function is terminated.
User Response: Verify that VTAM is active and not terminating. Reissue the PEER command.

AOP3020  UNDEFINED ERROR function
Explanation: While attempting to process the specified function call, the COM1 interface found that either VTAM was not active or that a VTAM internal error had occurred.
System Action: The function is terminated.
User Response: Verify that VTAM is active and not terminating. Reissue the command.

AOP3021  linkid ALREADY ACTIVE
Explanation: An attempt was made to activate the specified link, but it is currently active.
System Action: The link remains activated.
User Response: None. This is an informational message only.
AOP3022  MODE NAME INVALID  \textit{mode linkid}  
**Explanation:** An attempt was made to initialize a session, but VTAM was unable to find the specified mode for the specified link.  
**System Action:** Command processing is terminated.  
**User Response:** Verify and correct the mode name. Delete and redefine the link entry with the correct mode. Reissue the command.

AOP3023  PARTNER LU NOT COM1 CAPABLE  \textit{appl}  
**Explanation:** An attempt was made to initialize a session, but VTAM was unable to bind LUs because the partner APPL is not LU6.2 capable.  
**System Action:** Command processing is terminated.  
**User Response:** Verify and correct the APPL. Delete and redefine the LINK entry with the correct APPL. Reissue the command.

AOP3024  PEER LINKID=\textit{linkid} NOT ACTIVE  
**Explanation:** The specified \textit{linkid} is not currently active to the product. This message will be issued for each reference to this link via the PEER interface.  
**System Action:** No data is transmitted.  
**User Response:** Issue a PEERLINK START command for this \textit{linkid}.

AOP3025  PEER LINK ENTRY FOR \textit{linkid applid} WAS PREVIOUSLY DEFINED  
**Explanation:** The specified \textit{linkid} being defined was defined at some earlier time, it already exists in the Peer Link Table, and it may have send and receive counters associated with it from its prior usage.  
**System Action:** Command processing continues.  
**User Response:** None. This is an informational message only.

AOP3026  PEER LINK ENTRY NOT FOUND  \textit{linkid} function  
**Explanation:** An attempt was made to process the function against the specified \textit{linkid}, but the \textit{linkid} was not found within the product.  
**System Action:** The function is terminated.  
**User Response:** Verify that the \textit{linkid} is correct and that all prerequisite commands for this function were done and completed successfully.

AOP3027  LINK FAILURE ENCOUNTERED FOR \textit{linkid} DURING FUNCTION \textit{function} PROCESSING  
**Explanation:** A session for the specified \textit{linkid} has failed. The specified function identifies which process was being performed when the failure was encountered.  
**System Action:** In process conversations are terminated for the specified session.  
**User Response:** Determine which events caused the session failure. Probable causes are network outage, or remote product or system failure. Issue the PEERLINK START LINKID (\textit{linkid}) command to restart the session.

AOP3028  PEER LINK \textit{linkid} NOT STOPPED; \textit{linkid} INACTIVE  
**Explanation:** The specified \textit{linkid} is not active and therefore does not need to be stopped.  
**System Action:** Command processing continues.  
**User Response:** Reissue the PEERLINK STOP command for an active \textit{linkid}.
AOP3029  PEER LINK STOP COMMAND ACCEPTED FOR linkid
Explanation:  The product accepted the PEERLINK STOP command issued for the specified linkid.
System Action:  Command processing continues.
User Response:  None. This is an informational message only.

AOP3030  PEER LINK STOP COMMAND IGNORED; PEER LINK STOP COMMAND IN PROGRESS FOR linkid
Explanation:  A previous stop command has already been accepted for the specified linkid.
System Action:  All PEERLINK STOP commands without the force parameter are ignored.
User Response:  If the specified linkid needs to be stopped immediately, issue a PEERLINK STOP FORCE command.

AOP3031  PEER LINK STOP COMMAND IGNORED; PEER LINK STOP FORCE COMMAND IN PROGRESS FOR linkid
Explanation:  A previous PEERLINK STOP or PEERLINK STOP FORCE for the specified linkid has already been processed.
System Action:  All PEERLINK STOP and PEERLINK STOP FORCE commands are ignored.
User Response:  Wait for message AOP3032.

AOP3032  PEER LINK STOP COMMAND COMPLETED SUCCESSFULLY, linkid NOW INACTIVE
Explanation:  The product processed the PEERLINK STOP command.
System Action:  Command processing terminates.
User Response:  None. This is an informational message only.

AOP3033  PARTNER LU NOT ACTIVE APPL=applid LINKID=linkid
Explanation:  During PEERLINK DEFINE processing the specified applid for linkid status was determined as inactive.
System Action:  Define processing continues. The remote Peer-to-Peer interface has not been initialized.
User Response:  Start the remote product Multi-System Management Facility (MSMF) interface prior to issuing a PEERLINK START for the specified linkid.

AOP3034  function FAILED REASON CODE=rc LINKID=linkid
Explanation:  The specified link error was encountered for this link. This message is preceded by a Peerlink link failure message. A linkid of UNKNOWN may be displayed when the nature of the MSMF function error prevents the linkid from being obtained.
System Action:  Processing continues.
User Response:  None. This is an informational message only. For a complete explanation of reason codes please see the IBM manual, SAA Common Programming Interface Communications Reference.
AOP3035  PEER LINK linkid NOT DELETED; linkid STILL ACTIVE  
Explanation: The product cannot delete an active linkid.  
System Action: Processing continues.  
User Response: If you wish to delete the linkid, first issue a PEERLINK STOP command, then reissue the delete command.

AOP3036  linkid message_text  
Explanation: A trap, with the NEWSYS option specified, failed on the specified link (linkid). message_text is the text of the failed message.  
System Action: The Multi-System Management Facility message is not delivered.  
User Response: Take action to process the undelivered MSMF message. You may want to log the message or route it to a different focal-point system.

AOP3037  linkid message_text  
Explanation: A WTO trap, with the SYSID option specified, failed on the specified link (linkid). message_text is the text of the failed message.  
System Action: The MSMF message is not delivered.  
User Response: Take action to process the undelivered MSMF message. You may want to log the message or route it to a different focal-point system.

AOP3038  LOCAL LU BUSY - linkid function  
Explanation: An attempt was made to execute the specified function call against the specified linkid, but the logical unit (LU) is busy processing another request for the same linkid. This situation is possibly due to a Network (VTAM) problem where the prior request is not being responded to.  
System Action: The PEERLINK command is not executed. WTOs may still be transmitted over active links, but new links may not be defined, started, stopped, or deleted.  
User Response: If you suspect a slow response from VTAM, try the command again. If a prior request appears hung, consider inactivating your local LU (V NET,INACT,ID=local node, F) to force termination of the peer network.

AOP3039  PEERLINK function COMMAND IGNORED; PEERLINK START COMMAND IN PROGRESS FOR linkid  
Explanation: A previous PEERLINK START command for the specified linkid is being processed.  
System Action: PEERLINK START and PEERLINK DELETE commands for the specified linkid are ignored.  
User Response: Wait for the previous PEERLINK START to complete.
AOP3040 VTAM NOT RESPONDING - \textit{waittype} = \textit{rscdesc} = \textit{rscname} - \textbf{MATCH} = \textit{matchnum}

\textbf{WHERE:}

\textit{waittype} is the type of VTAM request. (i.e. ALLOCATE, DEALLOC, etc.)
\textit{rscdesc} is a description of the resource. (i.e. LINKID, LUNAME, etc.)
\textit{rscname} is the name of the resource.
\textit{matchnum} is the number of the match.

\textbf{Explanation:} A request has been queued to VTAM and no response has been received for at least 5 minutes.

\textbf{System Action:} The system will continue to wait.

\textbf{User Response:} Use SHOW MATCH command and the various VTAM operator commands to try and determine why VTAM is not responding, and correct the situation. If the error condition persists, cancel the match.

AOP3100 PEER LINK \textit{linkid} DEFINITION COMPLETE FOR APPL = \textit{applid}

\textbf{Explanation:} A link entry for the specified \textit{linkid} has been successfully defined.

\textbf{System Action:} The entry is added to the PEERLINK inactive chain.

\textbf{User Response:} A PEERLINK START command for this \textit{linkid} may be attempted.

AOP3101 PEER LINK \textit{linkid} STARTED SUCCESSFULLY

\textbf{Explanation:} A PEERLINK START command for the specified \textit{linkid} has completed successfully.

\textbf{System Action:} A Multi-System Management Facility (MSMF) session is initiated between the local product (local LU) and a remote product (partner LU). Data exchange may begin.

\textbf{User Response:} None. This is an informational message only.

AOP3102 PEER LINK \textit{linkid} SEND COUNT(\textit{cnt}), RECEIVE COUNT(\textit{cnt}), STATUS(\textit{status})

\textbf{Explanation:} The status of the specified \textit{linkid} is displayed along with LINK definition counts of transactions processed for this session.

\textbf{System Action:} LINK information is displayed.

\textbf{User Response:} None. This is an informational message only.

AOP3103 PEER LINK REQUESTED LINK ENTRY \textit{linkid} DELETED SUCCESSFULLY

\textbf{Explanation:} An attempt was made to define a partner LU, but VTAM could not find \textit{applid}.

\textbf{System Action:} The PEERLINK command is terminated.

\textbf{User Response:} Verify that the \textit{applid} is correct. Or, if this is a cross-domain resource, verify that CDRM for that application is active. Reissue the PEERLINK command.

AOP3104 PEER LINK \textit{linkid} \textit{action} BEING PROCESSED

\textbf{Explanation:} A PEERLINK command for the specified \textit{linkid} and command action type (START, STOP, DEFINE, DELETE, or DISPLAY) has been requested.

\textbf{System Action:} The PEERLINK command is processed.

\textbf{User Response:} None. This is an informational message only.
AOP3105  PEER LINK action COMMAND FOR linkid SUCCESSFUL
Explanation: A PEERLINK command for the specified linkid and command action type (START, STOP, DEFINE, DELETE, or DISPLAY) was processed successfully.
System Action:  Processing continues.
User Response:  None. This is an informational message only.

AOP3106  PEER LINK action FOR linkid FAILED
Explanation: A PEERLINK command for the specified command action type (START, STOP, DEFINE, DELETE, or DISPLAY) failed during COM1 processing.
System Action:  Processing continues.
User Response:  Check the accompanying messages for reason of failure.

AOP3107  PEER LINK linkid ALREADY DEFINED
Explanation: An attempt was made to define a link entry, but an entry with the specified linkid has already been defined.
System Action:  The PEERLINK command is terminated.
User Response:  If you are trying to redefine an incorrect entry, delete the entry first and then define it. Verify that the correct linkid is being used. Reissue the PEERLINK command.

AOP3108  PEER INTERFACE NOT QUIESCED, REENTER STOP COMMAND
Explanation: The product received a STOP command but could not execute it because the Multi-System Management Facility (MSMF) interface has not quiesced.
System Action:  The product continues the quiesce processing.
User Response:  Re-enter the STOP command after the interface has quiesced.

AOP3109  PEER COM1 LOCAL LNS SUBTASK QUIESCE COMPLETE
Explanation: A request to shutdown the peer interface has been processed.
System Action:  The peer subtask is terminated.
User Response:  None. This is an informational message only.

AOP3110  PEER LOCAL ACB applid ALREADY OPENED
Explanation: An attempt to open an ACB identified as applid, using the PEER START command, failed because the ACB was already defined.
System Action:  Reopening the ACB will be ignored.
User Response:  None. This is an informational message only.

AOP3111  PEER COM1 LOCAL LNS SUBTASK ALREADY ACTIVE
Explanation: An attempt was made to start the peer interface when it was already active.
System Action:  Command processing continues.
User Response:  None. This is an informational message only.
AOP3112 PEER TO PEER SUBTASK INITIALIZATION FAILED
Explanation: Peer subtask initialization has failed for the reason stated on a preceding peer initialization message.
System Action: Peer processing is unavailable.
User Response: Check preceding initialization messages to determine the reason for initialization failure.

AOP3113 PEER TO PEER ANCHOR BUILD FAILED
Explanation: Peer anchor services encountered a failure during initialization.
System Action: Peer initialization is aborted.
User Response: Reissue peer start commands.

AOP3114 PEER COM1 LOCAL TP PROGRAM DEFINITIONS FAILED
Explanation: The peer interface encountered an error during initialization.
System Action: Peer initialization is aborted.
User Response: Reissue peer start commands.

AOP3116 PEER LINKID linkid NOT DEFINED
Explanation: A request to start a peer link for the specified linkid was received, but this linkid has not been defined to the system.
System Action: The command is ignored.
User Response: To define a link, use the PEERLINK DEFINE command.

AOP3117 LOCAL PEER COMMUNICATION INTERFACE FAILURE DETECTED
Explanation: Unsolicited shutdown request from COM1.
System Action: Processing continues, but COM1 terminates.
User Response: Enter a PEER STOP command. Check for VTAM messages. After the problem is identified and solved, peer-to-peer can be brought back up.

AOP3119 TP NAME ALREADY DEFINED - COM1 name TP NAME EXISTS
Explanation: The product attempted to define an internal TP program name to COM1 that already existed. This indicates an internal error.
System Action: Multi-System Management Facility (MSMF) will fail to initiate.
User Response: Call Candle Customer Support.

AOP3120 TP NAME INVALID LENGTH - COM1 name TP NAME LENGTH INCORRECT
Explanation: The product attempted to define an internal TP program name to COM1 with an incorrect name length value. This indicates a product internal error.
System Action: Multi-System Management Facility (MSMF) will fail to initiate.
User Response: Call Candle Customer Support.

AOP3121 PARTNER LU LENGTH INVALID - COM1 name LU NAME LENGTH INCORRECT
Explanation: The product attempted to define a remote logical unit with an invalid name length value. This indicates an internal error.
System Action: Multi-System Management Facility (MSMF) will fail to initiate.
User Response: Call Candle Customer Support.
AOP3122  PARTNER LU NAME INVALID - COM1 name LU NAME INVALID
Explanation: The product attempted to define a remote logical unit with an invalid name. This indicates an internal error.
System Action: Multi-System Management Facility (MSMF) will fail to initiate.
User Response: Call Candle Customer Support.

AOP3123  SESSION LIMIT ALREADY INITIALIZED - COM1 name SESSIONS ALREADY ACTIVE
Explanation: The product attempted to change the session limit to a non-zero value; however, the limit was already set to a non-zero value.
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP3124  LOCAL LU BUSY - COM1
Explanation: An attempt was made to execute a function, but COM1 has detected that the local logical unit (LU) is busy. This situation is possibly due to a Network (VTAM) problem where a prior request is not being responded to.
System Action: The PEER/PEERLINK command is not executed.
User Response: If you suspect a slow response from VTAM, try the command again. If a prior request appears hung, consider inactivating your local LU (V NET,INACT,ID=local node, F) to force termination of the peer network.

AOP3125  TERMINATION TYPE IS INVALID - COM1 name INVALID TERMLCLLU
Explanation: The product requested that COM1 terminate and supplied a termination type that was not NORMAL, IMMEDIATE, or FORCE. This indicates an internal error.
System Action: Processing continues.
User Response: Call Candle Customer Support.

AOP3126  function FAILED - COM1 name FUNCTION function FAILED
Explanation: The requested function from the product failed in COM1. This message is generated by receive processing where the linkid is not known.
System Action: Processing continues.
User Response: Call Candle Customer Support.

AOP3127  SHORT ON STORAGE, AOPRECVR MATCH NOT SCHEDULED name OUT OF MAIN STORAGE
Explanation: An abnormal Multi-System Management Facility (MSMF) termination was detected, but a short on storage condition prevented the product from scheduling an MSMF recovery match. This message indicates that both an attempt to obtain a match from the free queue followed by an attempt to GETMAIN storage for a new match failed.
System Action: MSMF active matches are not cancelled and may abend.
User Response: The product must be recycled to relieve the storage shortage.
AOP3128  

**Explanation:**  The requested function from the product failed in COM1. This message is generated by receive processing where the linkid is not known.

**System Action:**  Processing continues.

**User Response:**  Call Candle Customer Support. For a complete explanation of return codes please see IBM manual *SAA Common Programming Interface Communications Reference*.

AOP3129  

**Explanation:**  An abnormal termination was detected by COM1, and a match scheduled to cancel any Multi-System Management Facility (MSMF) matches is now running. This will follow any type of link failure to a remote system where the failure occurred on the local system, or a PEER STOP FORCE was requested.

**System Action:**  Any active MSMF matches are canceled.

**User Response:**  MSMF will need to be restarted after the link is operational again.

AOP3130  

**Explanation:**  This message follows AOP3129 and indicates that Multi-System Management Facility (MSMF) recovery has completed successfully. See message AOP3129.

**System Action:**  MSMF termination continues.

**User Response:**  Restart MSMF after the link is operational again.

AOP3132  

**Explanation:**  An internal control block on the sending system that is required to delete an ACTION MLWTO on a remote system, could not be located. *msg_start* is the first 20 characters of the ACTION MLWTO message. *linkid* is the MSMF LINKID, which represents the remote system this message is sent to.

**System Action:**  The ACTION MLWTO on the remote system will not be automatically deleted when its local counterpart is deleted. The MLWTO on the remote system must be deleted manually.

**User Response:**  Use the MVS command KC to manually delete the ACTION MLWTO message on the remote system. Refer to your MVS documentation for the details of this command. If the problem persists, contact Candle Customer Support for assistance.

AOP3133  

**Explanation:**  The remote system is not able to return information to the local system that is required to delete the ACTION MLWTO on the remote system. *msg_start* is the first 20 characters of the ACTION MLWTO message. *linkid* is the MSMF LINKID, which represents the remote system this message is sent to.

**System Action:**  The ACTION MLWTO on the remote system will not be automatically deleted when its local counterpart is deleted. The MLWTO on the remote system must be deleted manually.
**User Response:** Use the MVS command KC to manually delete the ACTION MLWTO message on the remote system. Refer to your MVS documentation for the details of this command. If the problem persists, contact Candle Customer Support for assistance.

**AOP3134**

**PEER START PARAMETER MISSING**

**Explanation:** PEER START APPLID or MODENAME missing

**System Action:** This attempt to activate the Multi-System Management Facility (MSMF) interface is aborted.

**User Response:** Include missing parameter on PEER START command and reissue.

**AOP3200**

*Product* NETVIEW INTERFACE CAN NOT BE STARTED; ERROR LOADING KABNCDEF

**Explanation:** An error occurred while loading the KABNCDEF module during product initialization. The module may not have been located.

**System Action:** The initialization process continues. The NetView Interface will not be usable.

**User Response:** Make sure the module exists in a library available to the product. Restart the product to make the NetView Interface available.

**AOP3201**

*Product* NETVIEW INTERFACE CAN NOT BE STARTED; CNMNETV MODULE NOT AVAILABLE

**Explanation:** During the initialization process, the CNMNETV NetView module was not available. This module is only necessary if using the NetView Interface feature.

**System Action:** The initialization process continues. The NetView Interface will not be usable.

**User Response:** None, if you are not using the NetView Interface. If the interface is being used, then make sure the module exists in a library available to the product and restart the product.

**AOP3202**

*Product* NETVIEW INTERFACE NOT SUPPORTED UNDER OG*TSO

**Explanation:** An attempt was made to start (NVISTART) or stop (NVISTOP) the NetView Interface while running under OG*TSO. The interface is not supported under OG*TSO.

**System Action:** Processing continues. The interface is not started or stopped.

**User Response:** None. This is an informational message only.

**AOP3203**

*Product* NETVIEW INTERFACE ALREADY ACTIVE

**Explanation:** An attempt was made to start (NVISTART) the NetView Interface, but the interface is already active.

**System Action:** Processing continues. The command is ignored.

**User Response:** None. This is an informational message only.
AOP3204  product NETVIEW INTERFACE NOT SUCCESSFULLY STARTED; $NVIGLOB MISSING OR INVALID

Explanation: An attempt was made to start (NVISTART) the NetView Interface; however, it cannot be started because an internal product control block is missing or invalid. This situation normally occurs because of an error that occurred during the initialization process, such as a necessary module not being located.

System Action: Processing continues. The interface is not started.

User Response: Look back through the product initialization messages to determine the cause of the problem. Fix the problem as necessary and restart the product.

AOP3205  product NETVIEW INTERFACE NOT SUCCESSFULLY STARTED; ATTACH FAILURE RETURN CODE = retcd

Explanation: An attempt was made to start (NVISTART) the NetView Interface; however, it was not started due to an error when attempting to attach the NetView Interface subtask. The attach error return code is issued.

System Action: Processing continues. The interface is not started.

User Response: Try to determine the cause of the attach failure based on the return code.

AOP3206  product NETVIEW INTERFACE NOT ACTIVE

Explanation: An attempt was made to stop (NVISTOP) the NetView Interface, but the interface is not currently active.

System Action: Processing continues. The command is ignored.

User Response: None. This is an informational message only.

AOP3207  NETVIEW INTERFACE(status)
RECEIVER ID(receiver ID) STATUS(status) SUBTASK(status) COUNT(nn,mm) ACTIVE MATCHES(nn)

Explanation: These messages are issued in response to the NVISHOW command. Information provided includes:
- status of the interface
- name of the receiver ID
- status of the receiver
- status of the NetView Interface subtask
- number of commands received since the interface was last started
- number of commands received since the product was started
- number of currently active NetView Interface matches

System Action: Processing continues.

User Response: None. This is an informational message only. For more information on the NVISHOW command see the Command Reference Manual.
AOP3208  product  UNABLE TO SCHEDULE NVI MATCH; NO BUFFERS AVAILABLE  

**Explanation:** A command has been received from NetView; however, the product is unable to process it because no match entries are available.  

**System Action:** The command is ignored. As processing continues, match entries will be freed and may then be used.  

**User Response:** If this condition recurs, increase the value of the MAXMAT startup parameter.

AOP3209  product  UNABLE TO SCHEDULE NVI MATCH; PUTBUF FAILURE  

**Explanation:** A command has been received from NetView; however, the product is unable to process it because an error has occurred while attempting to queue the match.  

**System Action:** Processing continues. The command is ignored.  

**User Response:** None. This is an informational message only.

AOP3210  product  NETVIEW INTERFACE STOPPED; RETURN CODE = retcd, REASON CODE = reas  

**Explanation:** The NetView Interface has terminated. No more commands may be received from NetView. The return and reason codes from the NetView Interface subtask are given. Under normal shutdown (either NVISTOP or AF STOP) the return and reason codes will be 0. Otherwise they will produce error codes, which can be used for diagnostic purposes.  

**System Action:** Processing continues. The interface is stopped.  

**User Response:** None. This is an informational message only.

AOP3211  NVI(text) JOBTYPE(type, aojid) JOBNAME (name) ASID(asid) JOBCLASS(class) SYSID(sysid) TIME(time) DATE(date) CLIST(clist)  

**Explanation:** This message appears in the product message log to describe a command received over the NetView Interface. The following information is logged:  

- command text received from the NetView Interface (text)  
- job type (STC, TSU, JOB) of NetView where the command originated (type)  
- JES job ID (aojid)  
- job name of NetView where the command originated (name)  
- command originator address space ID (asid)  
- jobclass of NetView where the command originated (class).  
- issuing system’s ID (sysid)  
- time the command was issued (time)  
- date the command was issued (date)  
- name of the NetView command file which issued the command (clist)  

**System Action:** Processing continues.  

**User Response:** None. This is an informational message only.
AOP3212  product NETVIEW INTERFACE CAN NOT BE STARTED; KABNCDEF VERSION DOES NOT MATCH product
Explanation: During initialization, the product detected an error after loading the KABNCDEF module. The loaded module is not at the same release level as the running product.
System Action: The initialization process continues. The NetView Interface will not be usable.
User Response: Make sure the correct version of KABNCDEF has been installed and is available to the product. Restart the product to make the NetView Interface usable.

AOP3213  product INVALID NETVIEW PPI MESSAGE RECEIVED
Explanation: The product has received an invalid NetView Interface message that may have resulted from:
- use of the interface by a product other than this one
- hardware or software failure
- software version mismatch
System Action: The messages are ignored.
User Response: Verify the product version used by NetView.

AOP3214  product NETVIEW INTERFACE SUCCESSFULLY STARTED
Explanation: The NetView Interface has started.
System Action: The product begins receiving messages from NetView.
User Response: None. This is an informational message only.

AOP3215  product NETVIEW INTERFACE STOPPED; NETVIEW TERMINATED
Explanation: The NetView Interface has terminated because NetView itself has terminated.
System Action: Processing continues. The interface is stopped.
User Response: Reissue the NVISTART command to restart the interface. If NetView is not yet active when the NVISTART is reissued, the product will restart the interface as soon as NetView becomes active.

AOP3230  CUM yyyy: VERS MM/DD/YY HH:MM RMID
Explanation: This is a header line that shows the type of information that will be displayed for the modules selected by the SHOW MAINT command. It also shows the Cumulative Maintenance Tape level of the installed product (BASE or CUM yyyy).
System Action: None. This is an informational message issued in response to the SHOW MAINT command.
User Response: None. This is an informational message issued in response to the SHOW MAINT command.
AOP3230  MODULE modname : vers mm/dd/yy hh.mm rmid
Explanation: This is a detail line that shows the maintenance level for modname. The current version of the module is vers, it was assembled on mm/dd/yy at hh.mm, and the SMP/E RMID that owns the module is rmid. If the module has been updated by maintenance the RMID will be the updating PTF, otherwise it will be the base FMID.
System Action: None. This is an informational message issued in response to the SHOW MAINT command.
User Response: None. This is an informational message issued in response to the SHOW MAINT command.

AOP3231  n MODULE(S) SHOWN
Explanation: This message is issued by the SHOW MAINT command to indicate how many modules were displayed in response to the command.
System Action: None. This is an informational message issued in response to the SHOW MAINT command.
User Response: None. This is an informational message issued in response to the SHOW MAINT command.

AOP3232  NO MODULES SELECTED
Explanation: This message is issued by the SHOW MAINT command to indicate that it could not find any modules that matched the name, or pattern, specified in the command.
System Action: None. This is an informational message issued in response to the SHOW MAINT command.
User Response: Check the SHOW MAINT command that was entered. It may have specified the name of a module that does not exist, or specified an incorrect pattern.

AOP3300  count EXEC(S) SELECTED, count EXEC(S) DROPPED
Explanation: This message shows the number of REXX execs that matched the name, or pattern, specified on the EXECDROP command and the number of REXX execs that were actually removed from storage.
System Action: The EXECDROP command ends with a condition code of 0 if all selected execs were dropped, and condition code 8 if some execs could not be dropped.
User Response: None, if the number of execs that were selected is the same as the number of execs that were dropped. If not, some execs could not be dropped because they were in use or because of errors. AOP3303 messages are issued to describe the reason why an exec could not be dropped.

AOP3301  NO EXECS WERE SELECTED
Explanation: None of the REXX execs in storage matched the name, or pattern, that was specified on the EXECDROP command.
System Action: The EXECDROP command ends with a condition code of 4.
User Response: Check that the name, or pattern, that was specified on the EXECDROP command is correct, and retry the EXECDROP command.
AOP3302  THERE ARE NO EXECS IN STORAGE TO DROP  
Explanation: There are no REXX execs in storage, so none can be removed.  
System Action: The EXECDROP command ends with a condition code of 4.  
User Response: None. This is an informational message only.

AOP3303  UNABLE TO DROP EXEC name BECAUSE reason  
Explanation: The EXECDROP command could not remove the named REXX exec from storage because of one of the following reasons:

IT IS IN USE  The named REXX exec is in use, but it will be removed from storage automatically when it is no longer being used.

IRXLOAD FAILED RC=X’re’  The IRXLOAD routine ended with the specified return code while trying to remove the named REXX exec.

IT IS MARKED IN-ERROR  The named REXX exec has been previously flagged as "in error" and cannot be removed from storage.

System Action: The EXECDROP command continues processing.  
User Response: The action required depends on the error reason, as follows:

IT IS IN USE  None. This is an informational message only. When the REXX exec is no longer in use it will be removed from storage automatically.

IRXLOAD FAILED RC=X’re’  Contact Candle Customer Support.

IT IS MARKED IN-ERROR  Check that the named REXX exec has a comment in the first line that contains the word REXX. If not, add it and use the EXECLOAD command to reload the REXX exec.

AOP3304  CONTROL BLOCK VALIDATION ERROR  
Explanation: The EXECDROP command found errors in an internal control block which prevent it from continuing.  
System Action: The EXECDROP command ends and sets a condition code of 16.  
User Response: Contact Candle Customer Support.

AOP3305  EXEC name REMOVED FROM STORAGE  
Explanation: In response to the EXECDROP command the exec called "name" has been removed from storage.  
System Action: Processing continues.  
User Response: None. This is an informational message only.
**AOP3350**  
**SESSION aaaa IS LOGGING OFF DUE TO VTAM ERRORS.**  
**Explanation:** The logon session named aaaa has been logged off because it has received VTAM errors.  
**System Action:** Session aaaa is logged off. The OMEGAVIEW function call returned the result 3000 and processing continues in the current exec.  
**User Response:** This message informs you that the session was terminated. Recovery of this session should be made by the exec that issued the ST**** function by checking for a result of 3000, log back on to the session and retry the requested function. Alternately, this message could be trapped upon and the session could be recovered by that trap.

**AOP3351**  
**SESSION aaaa IS LOGGING OFF BECAUSE RESPONSE NOT RECEIVED BEFORE TIMEOUT IN RESPTIME.**  
**Explanation:** The logon session named aaaa has been logged off because the session has not responded within the time specified in the RESPTIME parm.  
**System Action:** Session aaaa is logged off. The OMEGAVIEW function call returned the result 3010 and processing continues in the current exec.  
**User Response:** This message informs you that the session was terminated. Recovery of this session should be made by the exec that issued the ST**** function by checking for a result of 3010, log back on to the session and retry the requested function. Alternately, this message could be trapped upon and the session could be recovered by that trap.

**AOP3352**  
**SESSION aaaa IS LOGGING OFF BECAUSE INVALID SCREEN DATA RECEIVED.**  
**Explanation:** The logon session named "aaaa" was processing an OMEGAMON screen but found that the data in the buffer was not valid OMEGAMON data.  
**System Action:** Session "aaaa" is logged off. A return code of 16 is set and processing continues in the current exec.  
**User Response:** This message informs you that the session was terminated. Because exception trapping does not do any recovery, it is your responsibility to recover the session when this message is received.

**AOP3700**  
**GETMAIN FAILED FOR APPC CONTROL BLOCK**  
**Explanation:** A Getmain failed for acquiring an APPC control block.  
**System Action:** Initialization fails.  
**User Response:** Terminate the product and increase the private area region size.

**AOP3701**  
**subparm(s) subparameter/subparameters OF COMM function MISSING**  
**Explanation:** One or more of the parameters indicated by subparm(s) are required and have not been specified for the COMM command function indicated by function.

When TYPE(APPC) is specified or implied:

**TPNAME/LLUNAME SUBPARAMETERS OF COMM START MISSING**  
The TPNAME and LLUNAME parameters must both be specified on the COMM START command if the SYMDEST parameter is not used.
When TYPE(XCF) is specified or implied:

**GROUP/MEMBER SUBPARAMETERS OF COMM function-name MISSING**
The GROUP and MEMBER parameters must both be specified for the identified COMM command.

When TYPE(TCPIP) is specified or implied:

**PORTNUMBER SUBPARAMETER OF COMM function-name MISSING**
The PORTNUMBER parameter must be specified for the identified COMM command.

**System Action:** The COMM command fails.
**User Response:** Specify the required parameter(s) and reenter the command.

---

**AOP3702 SERVER IS ALREADY ACTIVE**
**Explanation:** A server with the same 'identity' is already activated.
For TYPE(APPC) a server is identified by its TPNAME.
For TYPE(XCF) a server is identified by its XCF group and member name.
For TYPE(TCPIP) a server is identified by its listening port number.

**System Action:** The COMM START command fails.
**User Response:** The server is already started.

---

**AOP3704 ATTACH FOR protocol-type SERVER FAILED**
**Explanation:** Attach failed for server module.
protocol-type identifies the server’s communications protocol type.

**System Action:** The COMM START command fails.
**User Response:** Contact Candle Customer Support.

---

**AOP3705 protocol-type SERVER ESTABLISHED SUCCESSFULLY**
**Explanation:** A server has been established and is ready to accept client sessions.
protocol-type identifies the server’s communications protocol type.

**System Action:** The COMM START command completed successfully.
**User Response:** None. This is an informational message only.

---

**AOP3706 REGISTER FOR ALLOCATE ERROR --- RETURN CODE(xxxxxxxx) REASON CODE/yyyyyyyy**
**Explanation:** The APPC Register for Allocate request has failed where:

xxxxxxx   Hex return code from Register Allocate.
yyyyyyyy  Hex reason code from Register Allocate.

Refer to *Writing Servers for APPC/MVS* for return codes.

**System Action:** The COMM START command fails.
**User Response:** Make sure the VTAM LU name, specified in the LLUNAME parameter of COMM START, is correctly defined to VTAM as type LU62, and is also defined to APPC (on the LUADD statement) as a NOSCHED type LU.

**AOP3707**

*protocol-type SERVER NOT ESTABLISHED SUCCESSFULLY*

**Explanation:** An attempt was made to start a server, but it was not successful.

**System Action:** The COMM START command fails.

**User Response:** Dependent upon the protocol type.

When protocol-type is APPC:

Make sure that the VTAM LU name, specified in the LLUNAME parameter of COMM START, is correctly defined to VTAM as type LU62, and is also defined to APPC (on the LUADD statement) as a NOSCHED type LU.

When protocol-type is XCF:

This message should be accompanied by !AOP3799 which will enable further problem determination.

When protocol-type is TCPIP:

This message should be accompanied by another message (typically !AOP3799) which will enable further problem determination.

**AOP3708**

*RECEIVE ALLOCATE ERROR RETURN CODE(xxxxxxxx) REASON CODE/yyyyyyyy servername*

**Explanation:** The APPC Receive Allocate has failed where:

- `xxxxxxx` Hex return code from Receive Allocate.
- `yyyyyyyy` Hex reason code from Receive Allocate.
- `servername` For APPC, this is the TPNAME.

Refer to *Writing Servers for APPC/MVS* for return codes.

**System Action:** The server will be terminated.

**User Response:** Contact Candle Customer Support.

**AOP3709**

*SERVER servername IS NOT ACTIVE*

**Explanation:** An attempt was made to display a server’s status, but the server is not active:

- `servername` For TYPE(APPC) a server is identified by its TPNAME.
  
  For TYPE(XCF) a server is identified by its XCF group and member name.
  
  For TYPE(TCPIP) a server is identified by its listening port number.

**System Action:** The COMM DISPLAY command fails.

**User Response:** Make sure the server name is correct.
AOP3710  GETMAIN FAILED FOR OPER RESPONSE BUFFER  
**Explanation:** The response buffer for an OPER RESP command has failed.  
**System Action:** The OPER RESP command fails.  
**User Response:** Terminate the product and increase the private area region size.

AOP3711  UNREGISTER FOR ALLOCATE ERROR RETURN CODE({hex return code})  
**REASON CODE({hex reason code}) servername**  
**Explanation:** An APPC Unregister for Allocate failed where:

```
{hex return code}  Hex return code from Unregister for Allocate.
{hex reason code}  Hex reason code from Unregister for Allocate.
servername        For APPC, this is the TPNAME.
```

Refer to [*Writing Servers for APPC/MVS*](#) for return codes.

**System Action:** The server will be terminated.  
**User Response:** Contact Candle Customer Support.

AOP3712  TRACE FACILITY ACTIVATED FOR ALL {linkid}  
**Explanation:** The AF COMTRACE(ON) command was issued.

```
{linkid}  can be 'LINKIDS', 'TPNAMES', 'XCFIDS' or 'PORTS'.
```

**System Action:** The trace facility will be activated.  
**User Response:** None. This is an informational message only.

AOP3713  TRACE FACILITY ACTIVATED FOR {linkid} {linkid}  
**Explanation:** The AF COMTRACE(ON) command was issued.

```
{linkid}  can be 'LINKID', 'TPNAME', 'XCFID' or 'PORT'.
{linkid}  Linkid/Server ID.
```

**System Action:** The trace facility will be activated.  
**User Response:** None. This is an informational message only.

AOP3714  INVALID NUMBER OF MLWTO TEXT LINES  
**Explanation:** The number of MLWTO text lines to be processed is invalid.  
**System Action:** The MLWTO text will not be processed.  
**User Response:** Contact Candle Customer Support.
AOP3715  LINK xxxxxxxx HAS BEEN CHANGED TO FORCED STOP
Explanation: A 'LINK STOP DRAIN' was in effect for the link, and a 'LINK STOP' has been issued to stop the link without draining.

xxxxxxx Linkid.

System Action: The link will be terminated without draining.
User Response: None. This is an informational message only.

AOP3716  subparm(s) SUB PARMS OF LINK COMMAND MISSING
Explanation: One or more of the parameters indicated by subparm(s) are required and have not been specified for the LINK DEFINE command.

For TYPE(APPC) subparm(s) is 'TPNAME/LLUNAME'
The TPNAME and LLUNAME parameters must both be specified on the LINK DEFINE command if the SYMDEST parameter is not used.

For TYPE(XCF) subparm(s) is 'GROUP/MEMBER'
The GROUP and MEMBER parameters must both be specified for the LINK DEFINE command.

For TYPE(TCPIP) subparm(s) is 'HOSTNAME/PORTNUMBER'
The HOSTNAME and PORTNUMBER parameters must both be specified for the LINK DEFINE command.

System Action: The LINK DEFINE command fails.
User Response: Specify the required parameter(s) and reenter the command.

AOP3717  LINK xxxxxxxx HAS ALREADY BEEN DEFINED AS yyyyyyyy PROTOCOL
Explanation: A previous LINK DEFINE command was issued which used the same linkid. The link is already defined.

xxxxxxx Linkid.
yyyyyyyy Protocol type.

System Action: The LINK command fails.
User Response: None. This is an informational message only.

AOP3719  LINK xxxxxxxx HAS BEEN DEFINED SUCCESSFULLY AS yyyyyyyy protocol
Explanation: A LINK DEFINE command was issued and executed successfully.

xxxxxxx Linkid.
yyyyyyyy Protocol type.

System Action: The LINK command executes successfully.
User Response: None. This is an informational message only.
AOP3720  LINKID MUST BE DEFINED WITH LINK DEFINE COMMAND
Explanation: A LINK DEFINE command was issued but the LINKID parameter was not specified.
System Action: The LINK command fails.
User Response: Specify the LINKID parameter and reissue the command.

AOP3721  LINK xxxxxxxx HAS NOT BEEN DEFINED
Explanation: A LINK START command, LINK STOP command, or LINK DELETE command was issued with a LINKID parameter, but the link was not defined.

xxxxxxx  Linkid.

System Action: The LINK command fails.
User Response: Define the linkid and reissue the command.

AOP3722  ALLOCATE ERROR OCCURRED FOR yyyyyyy RETURN CODE(xxxxxxxx)
Explanation: A LINK START command has been issued using the APPC protocol, but an error occurred while attempting to allocate the session.

xxxxxxx  Linkid.
yyyyyyyy  Hex return code from APPC allocate request.

Refer to Writing Transaction Programs for APPC/MVS for return codes.
System Action: The LINK command fails.
User Response: Check the Partner LU name and make sure it is defined correctly to APPC and VTAM. Reissue the LINK command. If the error persists, contact Candle Customer Support.

AOP3723  LINK xxxxxxxx HAS BEEN INITIALIZED SUCCESSFULLY.
Explanation: A LINK START command was issued, and the specified session has been started successfully.

xxxxxxx  Linkid.

System Action: The LINK command executes successfully.
User Response: None. This is an informational message only.

AOP3724  NO LINK DEFINITION WAS ESTABLISHED
Explanation: A LINK START command, LINK STOP command, or LINK DELETE command was issued, but no link was defined.
System Action: The LINK command fails.
User Response: Define the linkid and reissue the command.
AOP3725  CONFIRMED ERROR RETURN CODE(*xxxxxxx)  yyyyyyy  sssssss
cccccccc

**Explanation:** An attempt was made to send an APPC confirm, but it failed.

**xxxxxxx**  Hex return code from APPC allocate request.

**yyyyyyyy**  Sender linkid/Partner luname. If the linkid identifies a send/receive session, the characters (SNDR) follow the linkid.

**ssssssss**  For mainframe to mainframe sessions, the linkid specified in a LINK DEFINE command on the system identified by cccccccc. For sessions to distributed applications, it is blank.

**cccccccc**  For mainframe to mainframe sessions, the LINKID startup parameter of the client system. For sessions to distributed applications, an ID identifying the distributed system (if not known, it is blank).

Refer to *Writing Transaction Programs for APPC/MVS* for return codes.

**System Action:** The APPC send or receive fails.

**User Response:** Contact Candle Customer Support.

AOP3726  NO COMMUNICATION SERVICE/S IS/ARE ACTIVE

**Explanation:** An attempt was made to activate a trace for a server, but no server was active.

**System Action:** The trace facility is not activated.

**User Response:** Make sure a server is activated, and reissue the trace command.

AOP3727  LINK *xxxxxxx* HAS BEEN STOPPED SUCCESSFULLY

**Explanation:** The link has been terminated.

**xxxxxxx**  Linkid.

**System Action:** The link will be terminated.

**User Response:** None. This is an informational message only.

AOP3728  AN APPC PROGRAM ERROR RECEIVED.

**Explanation:** An APPC program error was received, indicating that the partner’s send request was not executed successfully. This only occurs on a send/receive session.

**System Action:** A return code is sent back to the partner.

**User Response:** Check the partner side for messages associated with the request.
AOP3729  QUERY ALLOCATE ERROR --------- RETURN CODE(xxxxxxx) REASON CODE/yyyyyyyy
Explanation: An APPC Query for Allocate error occurred.

xxxxxxx  Hex return code from APPC Query Allocate.
yyyyyyyy  Hex reason code from APPC Query Allocate.

Refer to Writing Servers for APPC/MVS for return codes.
System Action: The APPC server will be terminated.
User Response: Contact Candle Customer Support.

AOP3730  CONSOLE NAME name IS NOT ACTIVE. WTO SENT FROM SYSTEM sys
Explanation: The system with a LINKID startup parameter of sys sent a WTO via the product WTO command specifying a console name that is inactive on the receiving system.
System Action: The WTO is not issued on the receiving system.
User Response: Correct the CONSOLE parameter on the WTO statement to specify an active console or activate the console already specified in the statement.

AOP3731  CONSOLE NAME name IS NOT DEFINED IN THE SYSTEM. WTO SENT FROM SYSTEM sys
Explanation: The system with a LINKID startup parameter of sys sent a WTO via the product WTO command specifying a console name that is not defined on the receiving system.
System Action: The WTO is not issued on the receiving system.
User Response: Correct the CONSOLE parameter on the WTO statement to specify a defined console, or define and activate the console already specified in the WTO statement.

AOP3732  SYSTEM DUMP UNSUCCESSFULL R15=xxxxxxx ECBR=yyyyyyyy
Explanation: An attempt was made to take an SVC dump, but it failed.

xxxxxxx  Hex return code from SVC Dump.
yyyyyyyy  ECB Return code from SVC dump.

System Action: The SVC dump is not taken.
User Response: None. This is an informational message only.

AOP3733  LINK xxxxxxxx IS ALREADY ACTIVE
Explanation: An attempt was made to start a link, but it is already active.

xxxxxxx  Linkid.

System Action: The LINK command fails.
User Response: Make sure the linkid is correct.
AOP3734  LINK xxxxxxxx IS NOT ACTIVE
Explanation: An attempt was made to stop a link, but it is not active.

xxxxxxx  Linkid.

System Action: The LINK command fails.
User Response: Make sure the linkid is correct.

AOP3735  server-identifier HAS BEEN process
Explanation: A COMM STOP command for a server has been issued successfully. For TYPE(APPC) the server-identifier is TPNAME(tpname) LLUNAME(lllllllll) and the process is displayed as UNREGISTERED.
Where:

tpname  Transaction program name.
lImImIII  Local luname.

UNREGISTERED indicates that the server has been unregistered to serve APPC allocate requests.

For TYPE(XCF) the server-identifier is GROUP(groupname) MEMBER(membername) and the process is displayed as DISASSOCIATED.
DISASSOCIATED indicates that the server member has left the XCF group.

For TYPE(TCPIP) the server-identifier is HOSTNAME(hostname) PORTNUMBER(nnnnn) and the process is displayed as DISCONNECTED.

Where:

hostname  IP address of local host.
nnnnn  listening port number.

DISCONNECTED indicates that the server listening port has shut down.

System Action: The COMM STOP command executes successfully.
User Response: None. This is an informational message only.

AOP3736  NO protocol-type SERVER IS ACTIVE
Explanation: An attempt was made to STOP, SUSPEND, RELEASE or DISPLAY a server, but the server is not active.
protocol-type identifies the server’s communications protocol type.
System Action: The COMM command fails.
User Response: None. This is an informational message only.
AOP3737  
**LINK xxxxxxx HAS BEEN DELETED SUCCESSFULLY**

**Explanation:** A LINK DELETE command was issued to delete and stop a link. It was executed successfully.

**xxxxxxxx**  
Linkid.

**System Action:** The LINK command executes successfully.

**User Response:** None. This is an informational message only.

AOP3738  
**SEND ERROR RETURN CODE( xxxxxxx ) iiiiiii ssssssss cccccccc**

**Explanation:** An attempt was made to send an APPC send error, but it failed.

**xxxxxxxx**  
Hex return code from APPC Send Error.

**iiiiiiii**  
Sender linkid/Partner luname.

**ssssssss**  
For mainframe to mainframe sessions, the linkid specified in a LINK DEFINE command on the system identified by cccccccc. For sessions to distributed applications, it is blank.

**cccccccc**  
For mainframe to mainframe sessions, the LINKID startup parameter of the client system. For sessions to distributed applications, an ID identifying the distributed system (if not known, it is blank).

Refer to *Writing Transaction Programs for APPC/MVS* for return codes.

**System Action:** The Send Error signal will not be sent. This error typically occurs on a send/receive session.

**User Response:** Contact Candle Customer Support.

AOP3739  
**DEALLOCATE ERROR RETURN CODE( xxxxxxxx ) iiiiiii ssssssss cccccccc**

**Explanation:** An attempt was made to deallocate an APPC session, but it failed.

**xxxxxxxxx**  
Hex return code from APPC Dealocate.

**iiiiiiii**  
Sender linkid/Partner luname.

**ssssssss**  
For mainframe to mainframe sessions, the linkid specified in a LINK DEFINE command on the system identified by cccccccc. For sessions to distributed applications, it is blank.

**cccccccc**  
For mainframe to mainframe sessions, the LINKID startup parameter of the client system. For sessions to distributed applications, an ID identifying the distributed system (if not known, it is blank).

Refer to *Writing Transaction Programs for APPC/MVS* for return codes.

**System Action:** The APPC deallocate will be ignored.

**User Response:** If the session has already been terminated, this message acts as an informational message.
AOP3740  NO FREE MATCH TO PROCESS COMMAND
Explanation: There is no free match to process an event.
System Action: A match for the event will not be created. Processing will continue.
User Response: Consider increasing the MAXMAT parameter to enable more matches to be processed.

AOP3741  INVALID COMMUNICATION BUFFER. BUFFER NOT PROCESSED
Explanation: A communication buffer was received, but it does not have the correct buffer ID in the buffer.
System Action: The data is ignored.
User Response: This could indicate an unauthorized attempt to send a request to the product. If this is not the case, contact Candle Customer Support.

AOP3742  NO COMMUNICATION SERVICE/S IS/ARE ACTIVE FOR ANY yyyy yyyy
Explanation: An attempt was made to activate a trace for an OG/MVS client and/or server, but it was not defined or activated.

yyyyyyyy can be 'LINKID', 'TPNAME', 'XCFID' or 'PORT'.

System Action: The request for trace facility services is ignored.
User Response: For LINKID, make sure the link has been defined. For TPNAME or XCFID make sure the server has been activated.

AOP3743  detail-line
Explanation: This message is the response to a COMM DISPLAY command. It displays details of the client sessions connected with a server, along with the number of received and queued counts.

Where detail-line is the initial protocol specific server display lines:

for TYPE(APPC) servers
---- PLUNAME       - pluname

or for TYPE(XCF) servers
---- SERVER MEMBER NAME - server-member
---- PARTNER MEMBER NAMES - local-member/remote-member

or for TYPE(TCPIP) servers
---- CLIENT HOSTNAME - remote-ip-address

followed by the common detail-line display lines:
---- SERVER       - sssssss (dddddddd)
---- CLIENT       - cccccccc
---- INTERNAL LINK ID - iiiiiiii
---- CONNECTION ID - jjjjjjjj
---- TOTAL RECEIVE COUNT - a
---- ID COUNT      - b
<table>
<thead>
<tr>
<th>Message Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>WTO COUNT</td>
<td>c</td>
</tr>
<tr>
<td>CMD COUNT</td>
<td>d</td>
</tr>
<tr>
<td>EXEC COUNT</td>
<td>e</td>
</tr>
<tr>
<td>WTOR COUNT</td>
<td>f</td>
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<tr>
<td>WTOR COUNT</td>
<td>g</td>
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<tr>
<td>MLWTO COUNT</td>
<td>h</td>
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<tr>
<td>CMDRSP COUNT</td>
<td>i</td>
</tr>
<tr>
<td>WTORDEL COUNT</td>
<td>j</td>
</tr>
<tr>
<td>DATARPLY COUNT</td>
<td>k</td>
</tr>
<tr>
<td>DATARPER COUNT</td>
<td>l</td>
</tr>
<tr>
<td>UNKNOWN COUNT</td>
<td>m</td>
</tr>
<tr>
<td>WTOR COUNT</td>
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<tr>
<td>CMD COUNT</td>
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<td>EXEC COUNT</td>
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<td>WTOR COUNT</td>
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<td>DATARPLY COUNT</td>
<td>u</td>
</tr>
<tr>
<td>DATARPER COUNT</td>
<td>w</td>
</tr>
</tbody>
</table>

**pluname**
Partner luname.

**server-member**
XCF server member name. For an OG/MVS internal server denoted by a special name of #INTERNL, the real XCF member name is appended e.g. server-name is #INTERNL/internal-member-name.

**local-member/remote-member**
Internal XCF member names used for communications between this server and client.

**remote-ip-address**
IP address of connected client (dotted decimal).

**ssssssss**
The LINKID startup parameter of a server system.

**ddddd**
If present, it indicates that a client system started a session identified by a linkid that differs from the one that identifies the server. For example if the LINKID startup parameter of the server is SYSA, and the client defines a link to this server as SYSA1, then SYSA1 appears in parentheses following the LINKID of the server.

**cccccccc**
For mainframe to mainframe sessions, the LINKID startup parameter of a client system. Otherwise, an ID identifying the distributed client system (if not known, then is set).
System Action:  Processing continues.

User Response:  None. This is an informational message only.

AOP3745  COMPONENT xxxxxxxx identifier(ssssssss)(cccccccc) QUEUED COUNT nnnn

Explanation:  The number of queued requests for the specified component has exceeded 1000.

xxxxxxx  Component Name.

identifier  For APPC is PLU(Partner luname), for XCF is group-name/member-name and for TCPIP is the client ip address.

ssssssss  For mainframe to mainframe sessions, the linkid specified in a LINK DEFINE command on the system identified by cccccccc. For sessions to distributed applications, it is blank.

cccccccc  For mainframe to mainframe sessions, the LINKID startup parameter of a client system. For sessions to distributed applications, an ID identifying the distributed system (if not known, it is blank).

nnnn  Number of queued requests.

System Action:  This message is issued every 10 seconds until the number of queued requests is less than 1000. This is an OK message if traffic is heavy for the session.

User Response:  If it is consistent and the session has been terminated, contact Candle Customer Support.
AOP3746  NO FREE MATCH AVAILABLE COMPONENT xxxxxxxx
Explanation: There is no free match to process WTOs/CMDs/WTORs.

xxxxxxx EXEC/WTO/WTOR/CMD.

System Action: The request is not scheduled for automation.
User Response: Check the number of free matches (MAXMAT), and if necessary, increase it.

AOP3747  LINK /???? IS AN INTERNAL LINK ENTRY. LINK IS NOT STOPPED
Explanation: An attempt was made to stop an internal link entry.

??????? Linkid. (An internal link entry has a linkid which starts with the # sign.)

System Action: The internal linkid is not terminated. An internal link session can not be stopped by the user.
User Response: None. This is an informational message only.

AOP3748  ATTACH FAILED FOR ATTACH COMPONENT
Explanation: An attempt was made to attach the attach component, but it failed.

System Action: The session will be terminated.
User Response: Contact Candle Customer Support.

AOP3749  PARTNER identifier HAS BEEN process sssssss rrrrrrr cccccccc
Explanation: The connection has been terminated by the remote partner.

For TYPE(APPC) the identifier is LU pluname and the process is displayed as DEALLOCATED.

For TYPE(TCPIP) the identifier is remote-ip-address and the process is displayed as DISCONNECTED.

pluname Partner luname.
remote-ip-address IP address of partner (dotted decimal).
ssssssss For mainframe to mainframe sessions, the linkid specified in a LINK DEFINE command on the system identified by cccccccc. For sessions to distributed applications, it is blank.
rrrrrrrr If this is a send/receive session, the letters SNDR appear.
cccccccc For mainframe to mainframe sessions, the LINKID startup parameter of a client system. For sessions to distributed applications, an ID identifying the distributed system (if not known, it is blank).

System Action: The session is terminated.
User Response: None. This is an informational message only.
AOP3750  ATTACH FAILED FOR COMPONENT xxxxxxxx
Explanation: An attempt was made to attach the component, but failed.

xxxxxxx  Component name.

System Action: The session will be terminated.
User Response: Contact Candle Customer Support.

AOP3751  LINK lllllllll IS AN INTERNAL LINK ENTRY. LINK IS NOT STARTED
Explanation: An attempt was made to start an internal link entry.

llllllll  Linkid. (An internal link entry has a linkid which starts with the # sign.)

System Action: The internal linkid is not started. An internal link session can not be started by the user.
User Response: None. This is an informational message only.

AOP3752  $PUTBUF FAILED IN RECEIVE MANAGER FOR xxxxxxxx
Explanation: An attempt was made to queue the request for the component, but it failed.

xxxxxxx  Component name.

System Action: The request is not queued for the component, and it is ignored.
User Response: Contact Candle Customer Support.

AOP3753  LINKID IS A RESERVED ID, CAN NOT BE DEFINED
Explanation: An attempt was made to define a link entry with a linkid that starts with the # sign. Any linkid starting with the # sign is reserved for internal use.

System Action: The Link command fails.
User Response: Use a different linkid and resubmit the command.

AOP3754  CONSOLE NAME name IS NOT ACTIVE. OPER SENT FROM SYSTEM sys
Explanation: The system with a LINKID startup parameter of sys sent an MVS command using the OPER command and specified a console name that is inactive on the receiving system.

System Action: The OPER is not issued on the receiving system.
User Response: Correct the CONSOLE parameter on the OPER statement to specify an active console, or activate the console already specified in the OPER statement.
AOP3755  CONSOLE NAME name IS NOT DEFINED IN THE SYSTEM. OPER SENT FROM SYSTEM sys

Explaination: The system with a LINKID startup parameter of sys sent an MVS command using the OPER command and specified a console not defined on the receiving system.

System Action: The OPER is not issued on the receiving system.

User Response: Correct the CONSOLE parameter on the OPER statement to specify a defined console, or define the console already specified in the OPER statement.

AOP3756  ATTACH FAILED FOR SEND MANAGER COMPONENT

Explaination: An attempt was made to attach the Send Manager, but it failed.

System Action: The session will be terminated.

User Response: Contact Candle Customer Support.

AOP3757  TP NOT AVAILABLE iiiiiii        ssssssss        cccccccc

Explaination: An attempt was made to send or receive, but the transaction program is not available.

iiiiiiii Sender linkid/Partner luname. If this is a send/receive session, the characters (SNDR) also appear.

ssssssss For mainframe to mainframe sessions, the linkid specified in a LINK DEFINE command on the system identified by cccccccc. For sessions to distributed applications, it is blank.

cccccccc For mainframe to mainframe sessions, the LINKID startup parameter of a client system. For sessions to distributed applications, an ID identifying the distributed system (if not known, it is blank).

Refer to Writing Transaction Programs for APPC/MVS for return codes.

System Action: The APPC Send/Receive will not be done, and the session will be terminated.

User Response: Make sure the transaction program is active. If the problem persists, contact Candle Customer Support.
AOP3759  RESOURCE FAILURE  iiiiiii  sssssss  ccccccc
Explanation: An attempt was made to send or receive, but the resource is not available.

iiiili  Sender linkid/Partner luname. If this is a send/receive session, the characters (SNDR) also appear.

ssssss  For mainframe to mainframe sessions, the linkid specified in a LINK DEFINE command on the system identified by cccccccc. For sessions to distributed applications, it is blank.

ccccccc  For mainframe to mainframe sessions, the LINKID startup parameter of a client system. For sessions to distributed applications, an ID identifying the distributed system (if not known, it is blank).

Refer to Writing Transaction Programs for APPC/MVS for return codes.

System Action: The APPC Send/Receive will not be done, and the session will be terminated. This is a result of terminating the partner transaction program.

User Response: None. This is an informational message only.

AOP3760  LINK HAS BEEN DEALLOCATED  iiiiiii
Explanation: An APPC link has been deallocated.

iiiili  Linkid.

System Action: The APPC Link will be terminated.

User Response: None. This is an informational message only. The partner transaction program has been terminated.

AOP3761  GETMAIN FAILURE FOR DATA REPLY AREA
Explanation: An attempt was made to get a data reply area, but it failed.

System Action: The receive data will be ignored, and the user will be notified of the error.

User Response: Refer to the product documentation for error return codes of the COMSDRCV function.

AOP3762  INCORRECT LENGTH FOR DATA REPLY AREA
Explanation: DATARPL Y type data was received and has an invalid data reply length with it.

System Action: The receive data will be ignored, and the user will be notified of the error.

User Response: Refer to the product documentation for error return codes of the COMSDRCV function.

AOP3763  protocol-type SERVER/S STOPPED SUCCESSFULLY
Explanation: A COMM STOP command was issued and at least one server of the indicated protocol-type has been terminated successfully.

System Action: The COMM STOP command completed successfully.

User Response: None. This is an informational message only.
AOP3764  SERVER  server-identifier  NOT ACTIVE
Explanation: A COMM DISPLAY command has been issued, the server identified is not active.

For TYPE(APPC) the server-identifier is TPNAME(tpname) LLUNAME(llllllll).
Where:

<table>
<thead>
<tr>
<th>tpname</th>
<th>Transaction program name.</th>
</tr>
</thead>
<tbody>
<tr>
<td>lllllllll</td>
<td>Local luname.</td>
</tr>
</tbody>
</table>

For TYPE(XCF) the server-identifier is GROUP(groupname) MEMBER(membername) TYPE(XCF).

For TYPE(TCPIP) the server-identifier is HOSTNAME(local-ip-address) PORTNUMBER(nnnnn) TYPE(TCPIP).

System Action: Processing continues.
User Response: None. This is an informational message only.

AOP3765  SERVER  server-identifier  ACTIVE
Explanation: A COMM DISPLAY command has been issued, the server identified is active.

For TYPE(APPC) the server-identifier is TPNAME(tpname) LLUNAME(llllllll).
Where:

<table>
<thead>
<tr>
<th>tpname</th>
<th>Transaction program name.</th>
</tr>
</thead>
<tbody>
<tr>
<td>lllllllll</td>
<td>Local luname.</td>
</tr>
</tbody>
</table>

For TYPE(XCF) the server-identifier is GROUP(groupname) MEMBER(membername) TYPE(XCF).

For TYPE(TCPIP) the server-identifier is HOSTNAME(local-ip-address) PORTNUMBER(nnnnn) TYPE(TCPIP).

System Action: Processing continues.
User Response: None. This is an informational message only.
AOP3766  LINK \textit{linkid} HAS AN INVALID PROTOCOL  
\textbf{Explanation:} An unsupported protocol type was detected by either the LINK DEFINE or LINK START command.  
\textbf{System Action:} The LINK command cannot be processed.  
\textbf{User Response:} This is an internal processing error. Contact Candle Customer Support.

AOP3767  INVALID PROTOCOL, LOGON ENTRY NOT PROCESSED  
\textbf{Explanation:} An unsupported protocol type was detected for an inbound connection to one of the server tasks.  
\textbf{System Action:} The connection cannot be processed.  
\textbf{User Response:} This is an internal processing error. Contact Candle Customer Support.

AOP3768  \textit{detail-line}  
\textbf{Explanation:} This message is the response to a COMM DISPLAY command. It displays details of a server, where \textit{detail-line} can be:  
\textbf{---- CONNECT EXEC - execname}  
\textbf{---- AFPACKET OPTION - OFF}  
\textbf{---- TOTAL CONNECTIONS - a}  
\textbf{---- REJECTED CONNECTIONS - b}  

\textbf{execname} Name of the CONNECT EXEC as coded on the COMM START command.  
\textbf{a} Total number of connections made to this server (not necessarily still active).  
\textbf{b} Total number of unsuccessful connection attempts made to this server. (This is possibly due to the server being suspended, or for a TCP/IP server the connector wasn't listed in the trusted hostnames list.)

If the AF packet header has been disabled for the server, the following line appears  
\textbf{---- AFPACKET - OFF}  
\textbf{System Action:} Processing continues  
\textbf{User Response:} None. This is an informational message only.
AOP3769  LINK  liberated IS  protocol  PROTOCOL. LINK IS NOT PROCESSED
Explanation: A LINK START/STOP/DELETE command with a TYPE
subparameter has been issued, but the link was defined with a different protocol
than the one in the TYPE subparameter.

 Linkid. Protocol name.

System Action: The link will not be processed.
User Response: Specify the correct protocol in the TYPE subparameter, and
reissue the command.

AOP3771  INVALID PROTOCOL FOR LINK  liberated
Explanation: An invalid protocol type was detected, while sending data across
the specified link.

 Linkid.

System Action: The user will be notified of the error.
User Response: Correct the TYPE parameter on the LINK DEFINE command.

AOP3772  LINK  xxxxxxxxx IS ALREADY IN STOP/START PROCESSING.
Explanation: A LINK START or LINK STOP command has been issued, but the
product is already in the process of starting or stopping the link.

 Linkid.

System Action: The LINK STOP or LINK START command for the link is
ignored.
User Response: None. This is an informational message only.

AOP3773  RECEIVE ERROR RETURN CODE(xxxxxxxxx)  iiiiiiii  sssssss  cccccccc
Explanation: An APPC receive error occurred.

 Hex return code from APPC Receive Verb.
 Sender linkid/Partner luname.
 For mainframe for mainframe sessions, the linkid specified in a
 LINK DEFINE command on the system identified by cccccccc.
 For sessions to distributed applications, it is blank.
 For mainframe for mainframe sessions, the LINKID startup
 parameter of a client system. For sessions to distributed
 applications, an ID identifying the distributed system (if not
 known, it is blank).

Refer to Writing Transaction Programs for APPC/MVS for return codes.
System Action: The APPC session will be terminated.
User Response: Contact Candle Customer Support.
AOP3774 COMM ERROR IN cccccccc RETURN CODE(xxxxxxxx)
Explanation: A communication error occurred in the specified product component.

cccccccc Component name.
xxxxxxx Hex return code from product communication services.

System Action: The command will not be executed.
User Response: Contact Candle Customer Support.

AOP3775 LINK xxxxxxxx NOT AVAILABLE
Explanation: An attempt was made to start an APPC link. The allocation failed, because the transaction program is not available.

xxxxxxx Linkid.

System Action: The APPC link will not be started.
User Response: Make sure the outbound transaction program is started successfully. If it is not started, start the outbound link and reissue the LINK START command.

AOP3776 detail-line
Explanation: This message is the response to a LINK DISPLAY command. The status of the link is displayed.

Where the first detail-line is:
session-type SESSION lllllll status

followed by the protocol specific link display lines:

for TYPE(APPC) links
---- SYMDEST - ssssssss
---- TPNAME - tpname
---- MODNAME - mmmmmmmm
---- PLUNAME - pluname

or for TYPE(XCF) links
---- GROUP - group-name
---- MEMBER - member-name

or for TYPE(TCPIP) links
---- HOSTNAME - hostname
---- PORTNUMBER - portnumber

followed by the common detail-line display lines:
---- TYPE    - iiiiiiii
---- SEND COUNT     (SEND ONLY) -  a
---- QUEUED COUNT  (SEND ONLY) -  b
---- SEND COUNT     (SENDRCV)  -  c
---- QUEUED COUNT   (SENDRCV)  -  d
---- SNDRCV SESSION INACTIVE
---- NO HEARTBEAT CHECKING
---- RECOVERY ON - DESIRED status
---- AF PACKET - OFF
---- OWNING MATCH - nnnnn

session-type  SEND ONLY or DUPLEX.
              A SEND ONLY session requires an inbound connection be
              established to receive responses to any request made over the
              LINK.
              A DUPLEX session receives responses over the same LINK that
              made the request.

llllllll   Linkid.
status       ACTIVE or INACTIVE
ssssssss   APPC Symbolic Destination Name. If it is not known, an
              asterisk will be inserted.
tpname       Transaction program name.
mmmmmmmmm   Mode name.
pluname      Partner luname.
group-name   XCF group name.
member-name  XCF member name.
hostname     TCPIP hostname can be displayed as a name, IP address or
              both.
portnumber   TCPIP listening port number.
iiiiiiii    Protocol type.
a            Total send count for Send Only session.
b            Number of queued requests that have not executed for Send
              Only session. If the number of requests exceeds 1000,
              message AOP3793 is issued every 32 seconds until the number
              of queued requests is less than 1000. If the queued requests
              exceed 2000, the session will be terminated.
c            Total Send count for Send/Receive session. This line appears if
              the session has been defined by a LINK DEFINE command,
              otherwise it will not display.
If heartbeat checking has been disabled for the link, the following line appears:

---- NO HEARTBEAT CHECKING

If recovery was enabled for the link, the following line appears:

---- RECOVERY ON - DESIRED status

If the AF packet header has been disabled for the link, the following line appears:

---- AF PACKET - OFF

If the link has an owner, the following line appears indicating which match has ownership:

---- OWNING MATCH - nnnnn

System Action: Processing continues.
User Response: None. This is an informational message only.

AOP3777 LINK xxxxxxxx HAS NOT BEEN INITIALIZED
Explanation: An attempt was made to start a session using a LINK START command, but the command failed.

xxxxxxx Linkid.

System Action: The link will not be started.
User Response: This message accompanies another message. Follow the user action of the accompanying message.

AOP3778 NO LINK ENTRY OR ENTRIES TO DISPLAY
Explanation: An attempt was made to display a link status, but there are no link sessions defined.

System Action: Processing continues.
User Response: None. This is an informational message only.

AOP3779 LOAD FAILURE FOR KOGEOF
Explanation: An attempt was made to load module KABEOF, but it failed.

System Action: The product will be terminated.
User Response: Contact Candle Customer Support.

AOP3781 BUFFER TYPE NOT SUPPORTED
Explanation: The receiver has received an invalid buffer type.

System Action: The buffer will be ignored.
**User Response:** Contact Candle Customer Support.
AOP3782  LINK HAS BEEN TERMINATED  xxxxxxxx  ttttttt
Explanation: The link has been terminated, either by a LINK STOP command or by the outbound transaction program requesting it be terminated.

xxxxxxxx  Linkid.
ttttttt  If this is a send/receive session, the letters SNDR appear.

System Action: The specified link is terminated.
User Response: None. This is an informational message only.

AOP3783  COM(cccccccc)  TIME(HH:MM:SS)  DATE(MM/DD/YY)  CLIENT(iiiiiii
Explanation: A COM type match has been scheduled and is executed.

cccccccc  The product command which caused the COM match to be scheduled.
HH:MM:SS  The time that the match was scheduled.
MM/DD/YY  The date that the match was scheduled.
iiiiiiii  For mainframe to mainframe sessions, the LINKID startup parameter of the client system. Otherwise, an ID identifying the distributed client system (if not known, it is blank).

System Action: The COM match will be executed. The COM match is a result of requesting an EXEC type through a COMSDRCV REXX API.
User Response: None. This is an informational message only.

AOP3784  ID PROCESSING WAS ALREADY DONE
Explanation: An attempt was made to process an ID request, but it has already been processed.
System Action: The ID request will be ignored.
User Response: None. This is an informational message only.

AOP3785  ATTACH FAILED FOR LINK CHECK COMPONENT
Explanation: An attempt was made to attach the link check component for the session, but it failed.
System Action: The link session will not start.
User Response: Contact Candle Customer Support.

AOP3786  LINKID xxxxxxxx HAS ALREADY BEEN DELETED
Explanation: An attempt was made to delete a link session using a LINK DELETE command, but the link has already been deleted.

xxxxxxxx  Linkid.

System Action: The link session will not be deleted.
User Response: None. This is an informational message only.
AOP3787 NO LOGON ENTRY EXISTS
Explanation: An attempt was made to stop all the sessions that came through a specific server, but there are no active sessions to be terminated.
System Action: The COMM STOP command is ignored.
User Response: None. This is an informational message only.

AOP3788 protocol-type SERVER/S SUSPENDED SUCCESSFULLY
Explanation: A COMM SUSPEND command was issued and at least one server of the indicated protocol-type has been suspended successfully.
System Action: The COMM SUSPEND command completed successfully, the server will no longer accept new client sessions.
User Response: None. This is an informational message only.

AOP3789 protocol-type SERVER/S RELEASED SUCCESSFULLY
Explanation: A COMM RELEASE command was issued and at least one server of the indicated protocol-type has been released successfully.
System Action: The COMM RELEASE command completed successfully, the server will accept new client sessions.
User Response: None. This is an informational message only.

AOP3790 SERVER server-identifier HAS BEEN SUSPENDED
Explanation: A COMM DISPLAY command has been issued, the server identified has been suspended by a previous COMM SUSPEND command.

For TYPE(APPC) the server-identifier is TPNAME(tpname) LLUNAME(llllllll).
Where:

| tname | Transaction program name. |
| lllllll | Local luname. |

For TYPE(XCF) the server-identifier is GROUP(groupname) MEMBER(membername) TYPE(XCF).

For TYPE(TCPIP) the server-identifier is HOSTNAME(local-ip-address) PORTNUMBER(nnnnn) TYPE(TCPIP).
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP3791 COMM RECEIVE SAVE AREA GETMAIN FAILURE
Explanation: An attempt was made to acquire a receive save area, but it failed.
System Action: The session which was about to be started on the receiving side will be terminated.
User Response: Terminate the product and increase the private area region size.
AOP3792  COMM SEND SAVE AREA GETMAIN FAILURE  
**Explanation:** An attempt was made to acquire a send save area, but it failed.  
**System Action:** The session which was about to be started on the sending side will be terminated.  
**User Response:** Terminate the product and increase the private area region size.

AOP3793  LINK ID  ////// QUEUED REQUEST  qqq  
**Explanation:** The number of queued request on the link session has exceeded 1000.

////// Linkid.  
qqq The number of queued requests that are waiting to be processed.

**System Action:** This message will be issued every 32 seconds. If the number of queued requests exceeds 2000, the session will be terminated.  
**User Response:** If the message persists, contact Candle Customer Support.

AOP3794  ATTACH FAILED FOR QUEUE CHECK COMPONENT  
**Explanation:** An attempt was made to attach the queue check component, but it failed.  
**System Action:** The link session will be terminated.  
**User Response:** Contact Candle Customer Support.

AOP3795  INVALID PROTOCOL RECEIVED FROM  pluname  
**Explanation:** An invalid protocol type was detected in a session which was requested through a server.

pluname Partner luname.

**System Action:** The communication session will be terminated.  
**User Response:** Contact Candle Customer Support.

AOP3797  LOAD FAILURE FOR APPC MODULES  
**Explanation:** An attempt was made to load APPC modules, but it failed.  
**System Action:** The initialization process continues.  
**User Response:** There is a possibility that the MVS system does not have APPC installed. If APPC is not installed then contact Candle Customer Support.

AOP3798  protocol-type SERVER NOT ACTIVE. ID PROCESSING WILL NOT START ALLOCATION FROM THE CLIENT SIDE  
**Explanation:** An attempt was made to start a session using a LINK START command, but there are no servers active on the system.  
**System Action:** The communication session will not start.  
**User Response:** Start a server using a COMM START command, and reissue the LINK START command.
AOP3799  

*function* ERROR RC=\*retcode RSN=\*rsncode module-name

**Explanation:** An error condition has occurred while processing the named function, the hexadecimal return code and reason code are displayed. module-name is the name of the OG/MVS CSECT reporting the error.

**System Action:** Varies according to the function and component.

**User Response:** Varies according to the function and component. When using XCF the function can be one of the following IXCMSGO/IXCMMSGI/IXCJOIN/IXCQUERY/IXCDELETE - Check the return code and reason code in the IBM manual 'Sysplex Services Reference' for the service identified by function.

When using TCPIP the function identifies the socket call that encountered the error condition. A typical value can be one of the following ACCEPT/BIND/CLOSE/CONNECT/ INITAPI/RECV/SELECT/SEND/SHUTDOWN etc. The longer socket call types such as GETCLIENTID, GIVESOCKET and TAKESOCKET are truncated to 8 characters yielding GETCLIENT, GIVESOCK and TAKESOCK respectively. Additionally the function might be suffixed by -IMMED or -ASYNC indicating when the error was detected for an asynchronous socket call.

Check the return code and reason code in the IBM manual 'TCP/IP VxRx for MVS. API reference' in the Socket error codes for for the call type identified by function.

If the function is 'RESPONSE' or 'LOGON' look for an accompanying error message on the remote server for this LINK. For 'LOGON' one possible cause is that the server has suspended using COMM SUSPEND.

When using the SYSPLEX RSV pool the data is accessed using XES functions and the function can be one of the following READ_DIR/READ_DAT/WRITE_DA/IXLVECTR. Where READ_DIR/READ_DAT/WRITE_DA are the IXLCACHE REQUEST types READ_DIRINFO/READ_DATA/WRITE_DATA respectively, truncated to 8 characters. When the function is IXLVECTR this refers to REQUEST=TESTLOCALCACHE. Check the return code and reason code in the IBM manual 'Sysplex Services Reference' for the service identified by function.

AOP3800  

**PEER STORAGE SHORTAGE**

**Explanation:** An attempt was made to execute the specified PEER command function, but there is insufficient storage to process the request.

**System Action:** The function terminates.

**User Response:** Terminate the product and increase the private area region size.
AOP3801  $PUTBUF FAILED IN EXEC COMPONENT
Explanation: An attempt was made to queue a request for the EXEC component, but it failed.
System Action: The request is ignored.
User Response: Contact Candle Customer Support.

AOP3802  $PUTBUF FAILED IN module-name FOR MATCH
Explanation: An attempt was made to queue a request for match processing, but it failed.
System Action: The request is ignored.
User Response: Contact Candle Customer Support.

AOP3803  GTRACE  RETURN CODE(xxxxxxxx)
Explanation: An attempt was made to take a GTF trace through a GTRACE, but it failed.
xxxxxxx  The GTRACE return code, in hex.
System Action: The trace request will not be taken.
User Response: Most likely the GTF trace facility is not active. Activate the GTF facility. Otherwise, check the return code against the GTRACE macro.

AOP3804  exit-name XCF exit-type EXIT MEMDATA ERROR
Explanation: An internal error has been detected in one of the OG/MVS XCF exit routines.

exit-name  is the name of the OG/MVS CSECT reporting the error.
exit-type  is the XCF exit type (MSG or GRP).
System Action: OG/MVS cannot process the data received in the XCF exit.
User Response: Contact Candle Customer Support.

AOP3805  iiiiiiii COMPONENT FOR PLU(pluname)(ssssssss)(cccccccc) DETACH COUNT EXCEEDED LIMIT
Explanation: An attempt was made to restart the component, but the number of restarts for the component has been exceeded.

iiiiiiii  Component name.
pluname  Partner luname.
ssssssss  For mainframe to mainframe sessions, the linkid specified in a LINK DEFINE command on the system identified by cccccc. For sessions to distributed applications, it is blank.
cccccccc  For mainframe to mainframe sessions, the LINKID startup parameter of a client system. For sessions to distributed applications, an ID identifying the distributed system (if not known, it is blank).
System Action: The session which was started through the server will be terminated.
User Response: Contact Candle Customer Support.
AOP3806  **DATARPPLY TOKEN IS INVALID OR HAS NOT BEEN RELEASED**  
*Explanation:* An attempt was made to notify the user through a token that was sent to the client, but the token is invalid.  
*System Action:* The user will not be notified, and the token is ignored.  
*User Response:* Contact Candle Customer Support.

AOP3807  **SERVER GROUP**(groupname) **MEMBER**(membername) **NOT FOUND,**  
**REASON**(rsn)  
*Explanation:* The server identified on a LINK START command could not be located. The reason rsn can be:  

- **GROUP** the XCF group specified does not exist.  
- **MEMBER** the member specified does not exist within the XCF group.  
- **QUERY** or **IDENT** the member was not recognized as an OG/MVS server.  

*System Action:* The LINK START command fails.  
*User Response:* Check the group and member name are specified correctly and ensure that a server with this identity has previously been started successfully using a COMM START command.

AOP3808  **LINK START ISSUED BY LINK RECOVERY, LINK**(linkid)  
*Explanation:* The link identified by linkid has been identified as being eligible for recovery, it has a desired active status and the server has now become available.  
*System Action:* An automatic LINK START command is attempted.  
*User Response:* None. This is an informational message only.

AOP3809  **PARTNER XCF LINK MEMBER HAS BEEN DISASSOCIATED** ssssssss cccccccc  
*Explanation:* An XCF LINK from the client system identified by cccccccc has been stopped.  

- **ssssssss** is the linkid that identifies the link on the client system.  
- **cccccccc** is the LINKID startup parameter value for the client system.  

*System Action:* The client session is terminated.  
*User Response:* None. This is an informational message only.

AOP3810  **COMMAND NOT PERMITTED FOR INTERNAL SERVER**  
*Explanation:* A COMM STOP/SUSPEND/RELEASE command was attempted against an OG/MVS internal server.  
*System Action:* The command is rejected, the user cannot modify an OG/MVS internal server.  
*User Response:* None. This is an informational message only.
**AOP3811**  
**UNEXPECTED $COMSVCE TYPE RECEIVED BY KOGXFRCV**  
**Explanation:** An internal error was detected by module KOGXCRCV.  
**System Action:** An unexpected data type was received in the XCF message exit, the data is ignored and processing continues.  
**User Response:** If the problem persists, call Candle Customer Support.

**AOP3812**  
**$XCFMSG EYECATCHER CHECK FAILED IN KOGXFRCV**  
**Explanation:** An internal error was detected by module KOGXCRCV.  
**System Action:** The data transferred from the XCF message exit is unrecognized, the session is terminated.  
**User Response:** If the problem persists, call Candle Customer Support.

**AOP3813**  
**GETMAIN ERROR FOR WTOR REPLY AREA**  
**Explanation:** An attempt to acquire storage for a WTOR reply area failed.  
**System Action:** The WTOR request will be ignored.  
**User Response:** Terminate the product and increase the private area region size.

**AOP3814**  
**GETMAIN ERROR FOR DATA REPLY AREA**  
**Explanation:** An attempt to acquire storage for a DATARPLY area failed.  
**System Action:** The DATARPLY request will be ignored.  
**User Response:** Terminate the product and increase the private area region size.

**AOP3815**  
**INVALID WTORDEL REQUEST ID**  
**Explanation:** An invalid WTORDEL request ID has been received.  
**System Action:** The WTORDEL request is ignored.  
**User Response:** Contact Candle Customer Support.

**AOP3816**  
**SSCT ADDRESS NOT FOUND**  
**Explanation:** SSCT address could not be found.  
**System Action:** The session that was requested through a server will be terminated.  
**User Response:** Contact Candle Customer Support.

**AOP3817**  
**PUTBUF FAILED FOR TASK BLOCK IN WTO COMPONENT**  
**Explanation:** Queueing a task block in the WTO component has failed.  
**System Action:** Processing continues in the WTO component.  
**User Response:** Contact Candle Customer Support.

**AOP3818**  
*protocol-type* SERVER IS NOT ESTABLISHED. MINIMUM ENVIRONMENT NOT AVAILABLE  
**Explanation:** An attempt was made to start a server, but the minimum required environment is not available. *protocol-type* identifies the server’s communications protocol type.  
**System Action:** The server will not be started.  
**User Response:** The server cannot be activated on this system.
AOP3819  NO LOGON ENTRY ELIGIBLE FOR TERMINATION
Explanation: An attempt was made to stop all the sessions established with one or more servers, but only the only sessions selected were those for an 'internal' server.
System Action: The COMM STOP command is ignored.
User Response: None. This is an informational message only.

AOP3820  TRACE FACILITY ACTIVE FOR xxxxxxxx lllllll FOR ALL
Explanation: An AF COMTRACE(DISPLAY) command, which shows the trace status of the sessions, has been issued.

xxxxxxx can be 'LINKID', 'TPNAME', 'XCFID' or 'PORT'.
lllllll Linkid/Server ID.

System Action: The trace facility for client and/or server sessions is displayed.
User Response: None. This is an informational message only.

AOP3821  TRACE FACILITY ACTIVE FOR xxxxxxxx lllllll FOR THE FOLLOWING COMPONENTS:
Explanation: An AF COMTRACE(DISPLAY) command, which shows the trace status of the sessions, has been issued. This message accompanies message AOP3822 which names the component or components.

xxxxxxx can be 'LINKID', 'TPNAME', 'XCFID' or 'PORT'.
lllllll Linkid/Server ID.

System Action: The trace facility for client and/or server sessions is displayed.
User Response: None. This is an informational message only.

AOP3823  TRACE FACILITY INACTIVE FOR xxxxxxxx lllllll
Explanation: An AF COMTRACE(DISPLAY) command, which shows the trace status of the sessions, has been issued.

xxxxxxx can be 'LINKID', 'TPNAME', 'XCFID' or 'PORT'.
lllllll Linkid/Server ID.

System Action: The trace facility for client and/or server sessions is displayed.
User Response: None. This is an informational message only.

AOP3824  TRACE FACILITY INACTIVE FOR ALL xxxxxxxx
Explanation: An AF COMTRACE(DISPLAY) command, which shows the trace status of the sessions, has been issued.

xxxxxxx can be 'LINKIDS', 'TPNAMES', 'XCFIDs' or 'PORTS'.

System Action: The trace facility for client and/or server sessions is displayed.
User Response: None. This is an informational message only.
AOP3825  TRACE FACILITY DEACTIVATE COMMAND COMPLETED
Explanation: An AF COMTRACE(OFF) command, which deactivates the trace facility for the client/server, has been issued.
System Action: The trace facility is deactivated.
User Response: None. This is an informational message only.

AOP3826  TRACE FACILITY DEACTIVATED FOR xxxxxxxx ll||||||
Explanation: An AF COMTRACE(OFF) command, which deactivates the trace facility for the client/server, has been issued.

xxxxxxx can be 'LINKID', 'TPNAME', 'XCFID' or 'PORT'.
lllllll Linkid/Server ID.

System Action: The trace facility is deactivated.
User Response: None. This is an informational message only.

AOP3827  TRACE FACILITY DEACTIVATED FOR ALL xxxxxxxx
Explanation: An AF COMTRACE(OFF) command, which deactivates the trace facility for the client/server, has been issued.

xxxxxxx Component name.

System Action: The trace facility is deactivated.
User Response: None. This is an informational message only.

AOP3828  function FAILURE IN module-name FOR description
Explanation: An error condition has occurred while processing the named function. The module-name is the name of the OG/MVS CSECT reporting the error.
System Action: Varies according to the function.
User Response: Varies according to the function.

AOP3829  SPECIFIED COMPONENT--xxxxxxx--IS INVALID
Explanation: An AF COMTRACE command with a specific component has been specified, but the component name is invalid.

xxxxxxx Component name.

System Action: The command is ignored.
User Response: None. This is an informational message only.
AOP3830  HEARTBEAT NON RESPONSIVE LINK XXXX  
**Explanation:** There has been no confirmation of receipt by the remote partner for the internal heartbeat check on the connection, where XXXX is the linkid.  
**System Action:** Processing continues.  
**User Response:** The named link may be hung. If the situation persists, the link should be recycled.  
*Note:* When trapping on this message, make sure the AOTRAP and JOBNAME keywords are specified so that any remedial action is performed on the correct link.

AOP3831  TRUSTED HOSTNAME LIST SUCCESSFULLY UPDATED  
**Explanation:** The trusted hostnames list has been built from the HOSTNAME member of the RKANPAR PDS, this is the list of IP addresses permitted to connect to a TCPIP server on this system.  
**System Action:** Processing continues.  
**User Response:** None. This is an informational message only.

AOP3832  DYNAMIC ALLOCATION FAILED FOR RKANHOST  
**Explanation:** The trusted hostnames list could not be built, this is the list of IP addresses permitted to connect to a TCPIP server on this system.  
**System Action:** Processing continues. However, without a trusted hostnames list it will not be possible to connect to any TCPIP server on this system.  
**User Response:** None. This is an informational message only.

AOP3833  UNABLE TO FIND TCPIP TRUSTED HOSTNAME MEMBER  
**Explanation:** The trusted hostnames list could not be built, this is the list of IP addresses permitted to connect to a TCPIP server on this system.  
**System Action:** Processing continues. However, without a trusted hostnames list it will not be possible to connect to any TCPIP server on this system.  
**User Response:** None. This is an informational message only.

AOP3834  BLDL FAILED FOR TRUSTED HOSTNAME MEMBER  
**Explanation:** The trusted hostnames list could not be built, this is the list of IP addresses permitted to connect to a TCPIP server on this system.  
**System Action:** Processing continues. However, without a trusted hostnames list it will not be possible to connect to any TCPIP server on this system.  
**User Response:** None. This is an informational message only.

AOP3835  ATTACH FAILED FOR DUPLX RECEIVE COMPONENT  
**Explanation:** An attempt was made to attach a component, but it failed.  
**System Action:** The session will be terminated.  
**User Response:** Contact Candle Customer Support.
AOP3836  INVALID PACKET  data module-name ident
Explanation: Invalid packet data was received or it had an invalid length. data can be DATA or LENGTH. module-name is the name of the OG/MVS CSECT reporting the error.
System Action: The session will be terminated.
User Response: If possible check the validity of the data being sent by the client, otherwise contact Candle Customer Support.

AOP3837  SYNTAX ERROR DETECTED IN HOSTNAME MEMBER, RECORD nnnn DISCARDED
Explanation: A syntax error was detected when the trusted hostname list was being built from the HOSTNAME member of Rkanpar. The record number containing the first error is indicated. The member may contain more than one invalid record, but only the first is indicated.
System Action: Processing continues and the invalid records are discarded.
User Response: Correct any errors in the trusted hostname list definitions. The trusted hostname list can be dynamically updated from the HOSTNAME member using the AF RELOAD(HOSTNAME) command.

AOP3838  LINK linkid CONNECTION RESET
Explanation: Termination of the connection between the client and server has been detected.
System Action: The link becomes inactive.
User Response: None. This is an informational message only.

AOP3839  CONNECTION REFUSED FOR remote-ip-address - reason
Explanation: An attempt to connect to a TCPIIP server (established using the COMM START command) has been rejected. remote-ip-address IP address of rejected client (dotted decimal). reason is the reason for refusing the connection. The reason can be one of the following... 'NOT IN TRUSTED HOSTNAMES', 'SERVER SUSPENDED' or 'RECEIVE SUBTASK ERROR'.
System Action: The connection is refused.
User Response: If the client is to be accepted the address must be added to the trusted hostnames list. The trusted hostnames list can be dynamically updated from the HOSTNAME member using the AF RELOAD(HOSTNAME) command.

AOP3840  UNABLE TO RESOLVE HOSTNAME DURING LINK START
Explanation: The HOSTNAME value used on the LINK DEFINE for this LINK could not be resolved.
System Action: The link cannot be started.
User Response: Verify that the hostname is specified correctly on the LINK DEFINE command.

AOP3841  LINK linkid CONNECTION TIMED OUT
Explanation: The LINK START issued a CONNECT to the specified server but a timeout condition occurred (reason code 60 was received).
System Action: The link is not started.
User Response: Verify that the hostname and portnumber are specified correctly on the LINK DEFINE command, retry the LINK START command.
AOP3842  LINK linkid CONNECTION REFUSED
Explanation: The LINK START issued a CONNECT to the specified server but it was rejected (reason code 61 was received).
System Action: The link is not started.
User Response: Verify that the hostname and portnumber are specified correctly on the LINK DEFINE command, check for any messages issued by the remote server explaining why the connection was refused.

AOP3843  LINK linkid HOST UNREACHABLE
Explanation: The LINK START issued a CONNECT to the specified server but the host could not be reached (reason code 65 was received).
System Action: The link is not started.
User Response: Verify that the hostname and portnumber are specified correctly on the LINK DEFINE command.

AOP3845  ALL LINK DEFINITIONS MEMBER RECORDS PROCESSED
Explanation: All link definitions within the LINKDEFS member of the RKANPAR PDS have been processed.
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP3846  DYNAMIC ALLOCATION FAILED FOR RKANLKDF
Explanation: The link definitions member of the RKANPAR PDS could not be processed.
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP3847  UNABLE TO FIND LINK DEFINITIONS MEMBER
Explanation: The link definitions member of the RKANPAR PDS could not be located.
System Action: Processing continues.
User Response: Check the LINKDEFS specification in the parameters dataset.

AOP3848  BDL FAIL FOR LINK DEFINITIONS MEMBER
Explanation: The link definitions member of the RKANPAR PDS could not be processed.
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP3880  SMF WRITE FAILURES EXCEED 10 --- TERMINATING STATISTICS COLLECTION
Explanation: The system has encountered 10 write errors in a row, MESSAGES AOP3882, and has terminated collection of SMF data. It is possible that the macro used to write to the SMF data base will have a NON ZERO return code that is non catastrophic. Therefore, data collection is not terminated until 10 ERRORS in a row have been received.
System Action: SMF recording is terminated and the normal OG/MVS processing continues.
User Response: Try to determine why SMF is not accepting WRITE requests. There may be a SMF buffer shortage or a problem with the SMF dataset switch. Correct the SMF problem and restart SMF recording with the AF command.

AOP3881 STATISTICS SUBTASK ABEND(xxx) --- TERMINATING STATISTICS COLLECTION
Explanation: The attached subtask that is used to write records to the SMF data files has abended abnormally with return code (xxx). This is probably caused by an internal error.
System Action: SMF recording is terminated and the normal OG processing continues.
User Response: Contact Candle Customer Support.

AOP3882 SMF WRITE FAILED WITH RETURN CODE(xxx)
Explanation: The attached subtask used to write records to the SMF data files has received a non zero return code from SMF.
System Action: The record involved will not be written to SMF and processing continues.
User Response: None, this is a temporary problem with SMF. There may be a problem with buffer shortage or a SMF file switch. If the problem is persistent, check with the system programmer that is responsible for SMF maintenance and customization.

AOP3890 STATISTICAL RECORDING IS ACTIVE
Explanation: Start of SMF recording has been requested and it has been activated.
System Action: Processing continues normally.
User Response: None, this is an informational message.

AOP3891 STATISTICAL RECORDING IS INACTIVE
Explanation: Stop of SMF recording has been requested and it has been inactivated.
System Action: Processing continues normally.
User Response: None, this is an informational message.

AOP3892 SMF RECORDING IS NOT ACTIVE
Explanation: Start of SMF recording has been requested, but SMF is not active in this system.
System Action: Processing continues normally.
User Response: SMF must be up and running before SMF data collection can be started in OG/MVS.

AOP3893 SMF RECORDING IS NOT ACTIVE FOR RECORD TYPE (xxx)
Explanation: Start of SMF recording has been requested for record type (xxx). However, SMF is not collecting this record type.
System Action: Processing continues normally.
User Response: Either correct the SMFREC number specified on the OG/MVS startup parameters or change the SMF start up parameters in SYS1.PARMLIB to collect the record type specified on the OG/MVS parameters.
AOP3894  ATTACH ERROR WHILE STARTING STATS RECORDING - RETURN CODE(***)
Explanation: An error, xxx, occurred while attempting to attach the subtask that passes records to SMF. There is probably an internal error.
System Action: Processing continues normally without SMF recording.
User Response: Open an incident record with Candle Customer Support.

AOP3895  SMF RECORDING INTERNAL ERROR - CELL POOL CORRUPTED -- TERMINATING STATISTICS COLLECTION
Explanation: SMF recording has encountered an internal error which has possibly resulted in its cell pool storage being corrupted.
System Action: SMF recording is terminated and normal OG processing continues.
User Response: Restart SMF data collection with the OG STATS command.

AOP3896  KOGSTREQ INTERNAL ERROR - $MATENT ID INVALID
Explanation: Internal error.
System Action: SMF recording is terminated and the normal OG/MVS processing continues.
User Response: Contact Candle Customer Support.

AOP3897  KOGSTREQ INTERNAL ERROR - $FCBENT ID INVALID
Explanation: Internal error.
System Action: SMF recording is terminated and the normal OG/MVS processing continues.
User Response: Contact Candle Customer Support.

AOP3898  KOGSTATS INTERNAL ERROR - $SYSWRK ID INVALID
Explanation: Internal error.
System Action: SMF recording is terminated and the normal OG/MVS processing continues.
User Response: Contact Candle Customer Support.

AOP3899  KOGSTSS  INVALID ENTRY CODE - (***)
Explanation: Internal error.
System Action: SMF recording is terminated and the normal OG/MVS processing continues.
User Response: Contact Candle Customer Support.

AOP3900  SUBSYSTEM LOG FACILITY - INITIALIZATION FAILED
Explanation: An error occurred while attempting to initialize the subsystem log facility, the subsystem log facility subtask could not be attached.
System Action: The subsystem log facility initialization terminates, and the facility is unavailable to the product. Other product processing continues normally.
User Response: Check for any accompanying product messages and follow the user action of the accompanying message. If the problem persists, contact Candle Customer Support.
AOP3901  SUBSYSTEM LOG FACILITY - START REQUESTED
Explanation: During product initialization, in response to the JOURNAL startup option being specified the subsystem log facility is requested to start.
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP3902  SUBSYSTEM LOG FACILITY - TERMINATION REQUESTED
Explanation: During product termination, the subsystem log facility is present and is requested to terminate.
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP3903  SUBSYSTEM LOG FACILITY - TERMINATION COMPLETE
Explanation: During product termination, the subsystem log facility has been successfully terminated.
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP3904  SUBSYSTEM LOG FACILITY - SUBTASK ABENDED
Explanation: The subsystem log facility has ended abnormally.
System Action: The subsystem log facility is no longer available. Other product processing continues normally.
User Response: Retain the resulting dump along with SYSLOG and RKOGLOGM for the time of the error, contact Candle Customer Support.

AOP3905  SUBSYSTEM LOG FACILITY - SLFH ID ERROR
Explanation: A product internal error has occurred while attempting to initialize the subsystem log facility.
System Action: The subsystem log facility initialization terminates, and the facility is unavailable to the product. Other product processing continues normally.
User Response: If the problem persists, contact Candle Customer Support.

AOP3906  SUBSYSTEM LOG FACILITY - SYSRWK ID ERROR
Explanation: A product internal error has occurred while attempting to initialize the subsystem log facility.
System Action: The subsystem log facility initialization terminates, and the facility is unavailable to the product. Other product processing continues normally.
User Response: If the problem persists, contact Candle Customer Support.

AOP3907  SUBSYSTEM LOG FACILITY - LOAD FAILURE
Explanation: An error has occurred while attempting to initialize the subsystem log facility, the accompanying KSLINAM module could not be located.
System Action: The subsystem log facility initialization terminates, and the facility is unavailable to the product. Other product processing continues normally.
User Response: Module KSLINAM is part of a separate FMID, check that the library containing KSLINAM is available to the product.
AOP3908  SUBSYSTEM LOG FACILITY - NO TERMINATION ECB AVAILABLE
Explanation: An internal component of the subsystem log facility is not present, it may not have initialized completely.
System Action: Termination of the subsystem log facility continues.
User Response: Check for any accompanying product messages and follow the user action of the accompanying message. If the problem persists, contact Candle Customer Support.

AOP3909  SUBSYSTEM LOG FACILITY - $SLFLOG TYPE=INITIAL R15=X'xxxxxxxxxx'
Explanation: A product internal error has occurred while attempting to initialize the subsystem log facility.
System Action: The subsystem log facility initialization terminates, and the facility is unavailable to the product. Other product processing continues normally.
User Response: The problem might be related to the JOURNAL startup options. If the problem persists, contact Candle Customer Support.

AOP3910  SUBSYSTEM LOG FACILITY - $SLFLOG TYPE=ADD R15=X'xxxxxxxxxx'
Explanation: A product internal error has occurred while attempting to write to the subsystem log facility.
System Action: The subsystem log facility terminates, and the facility is unavailable to the product. Other product processing continues normally.
User Response: If the problem persists, contact Candle Customer Support.

AOP3911  SUBSYSTEM LOG FACILITY - MODULE KSLINAM R15=X'xxxxxxxxxx'
Explanation: A product internal error has occurred while attempting to initialize the subsystem log facility.
System Action: The subsystem log facility initialization terminates, and the facility is unavailable to the product. Other product processing continues normally.
User Response: The problem might be related to the JOURNAL startup options. If the problem persists, contact Candle Customer Support.

AOP3940  ARM ELEMENT:element-name event JOBNAME:jobname TYPE:element-type OLD:old-system-name NEW:new-system-name condition
Explanation: An ARM event has occurred and the OG/MVS ARM ENFREQ LISTEN exit has produced this pseudo WTO to allow trapping.

| element-name | ARM element name (max 16 characters). |
| event | Event type, REGISTER, READY, Deregister or CDSCONNECT. |
| jobname | Jobname where ARM event occurred. |
| element-type | ARM element type (max 8 characters) or *NONE*. |
| old-system-name | Where originally registered (max 8 chars). |
| new-system-name | Where currently registered (max 8 chars). |
| condition | If present will further qualify the event. |
The value is RESTART when REGISTER and READY occur during the restart of an element. The value can be DEREGERR when DEREGISTER is issued internally by ARM due to an error.

**System Action:** Processing continues.

**User Response:** None. This is an informational message only.

**AOP3941**  
**ENFREQ EXIT - error description**

**Explanation:** An error has been detected in the ENFREQ LISTEN exit.

**System Action:** The event cannot be processed and is ignored.

**User Response:** If the problem persists Contact Candle Customer Support for further assistance.

**AOP3942**  
**UNABLE TO ESTABLISH LISTEN EXIT FOR EVENT nn, ENFREQ R15=xxxxxxxx**

**Explanation:** A non-zero return code from the IBM ENFREQ ACTION=LISTEN service was received.

- **nn** Event code. (decimal. 38 = ARM events)
- **xxxxxxxx** R15 value (hexadecimal)

**System Action:** The LISTEN exit is not established for the specific event and therefore can not be monitored by the product.

**User Response:** Refer to the IBM manual 'Authorized Assembler Programming Reference' for the meaning of R15 in relation to the ENFREQ ACTION=LISTEN service. If the problem persists Contact Candle Customer Support for further assistance.

**AOP3943**  
**ARM service - RETURN CODE xxxxxxxx, REASON yyyyyyyy**

**Explanation:** A non-zero return code from the IBM IXCARM service was received.

- **service** Requested ARM service: REGISTER, READY, DEREGISTER.
- **xxxxxxxx** Return code (hexadecimal)
- **yyyyyyyy** Reason code (hexadecimal)

**System Action:** The ARM service requested has failed or issued a warning.

**User Response:** Refer to the IBM manual 'Sysplex Services Reference' for the meaning of the return code in relation to the IXCARM service. If the problem persists Contact Candle Customer Support for further assistance.

**AOP3949**  
**UNABLE TO EXPAND CACHE VECTOR, REUSING INDEX**

**Explanation:** An IXLVECTR REQUEST=MODIFYVECTORSIZE failed to increase the cache vector so an existing index entry had to be reused.

**System Action:** Processing continues, extra reads from the XES structure may result.

**User Response:** None. This is an informational message only.
AOP3950  CACHE STRUCTURE function - RETURN CODE retcode, REASON rsncode
Explanation: An error condition has occurred while processing the named function when attempting to access the structure specified in the CACHE startup parameter, the hexadecimal return code and reason code are displayed.
System Action: The connection to the structure cannot be made and the REXX shared variable SYSPLEX pool will not be available.
User Response: Check the status of the cache structure specified in the CACHE startup parameter.

AOP3951  CACHE STRUCTURE CHARACTERISTICS UNACCEPTABLE
Explanation: The structure specified in the CACHE startup does not have the correct characteristics.
System Action: The connection to the structure cannot be made and the REXX shared variable SYSPLEX pool will not be available.
User Response: Check that the correct structure name was specified in the CACHE startup parameter.

AOP3952  CACHE STRUCTURE DATA FORMAT NOT RECOGNIZED
Explanation: The structure specified in the CACHE startup parameter does not contain data identifying itself as belonging to this product.
System Action: The connection to the structure is dropped and the REXX shared variable SYSPLEX pool will not be available.
User Response: Check that the correct structure name was specified in the CACHE startup parameter.

AOP3953  CACHE STRUCTURE VERSION INCOMPATIBLE
Explanation: The structure specified in the CACHE startup parameter contains data identifying itself as belonging to an incompatible level of this product.
System Action: The connection to the structure is dropped and the REXX shared variable SYSPLEX pool will not be available.
User Response: The structure cannot be shared between these particular versions, reinitialize the structure for use with this subsystem or allocate another structure.

AOP3954  CACHE STRUCTURE ALREADY ALLOCATED WITH xxK ELEMENT SIZE
Explanation: The structure specified in the CACHE startup parameter already contains data of a differing maximum element size, the maximum element size also specified in the CACHE startup parameter cannot be honored.
System Action: The maximum element size of the data remains at what was already allocated for this structure.
User Response: If the new element size is required, reinitialize the structure for use with this subsystem or allocate another structure.
AOP3955  CACHE STRUCTURE 'strname' NOT FOUND
Explanation: The structure specified in the CACHE startup parameter does not exist.
System Action: The connection to the structure cannot be made and the REXX shared variable SYSPLEX pool will not be available.
User Response: Check that the correct structure name was specified in the CACHE startup parameter.

AOP3956  CACHE STRUCTURE REBUILD CONTROLLED controller
Explanation: A duplex rebuild of the cache structure has been requested, this message indicates which connector is controlling the rebuild process. Where controller is either 'BY' followed by an XES connection name or 'LOCALLY' when the issuing system is the one in control.
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP3957  CACHE STRUCTURE REBUILD STOPPED
Explanation: A duplex rebuild of the cache structure has failed for some reason. This message might be accompanied by !AOP3950 which will enable further problem determination.
System Action: The system could not copy all of the existing data elements into the duplex structure, and therefore was unable to switch to use the new structure. The system falls back to the old structure which is unaltered.
User Response: Try to determine the cause of the error, the structure may be damaged.

AOP3958  CACHE STRUCTURE REBUILD COMPLETE
Explanation: A duplex rebuild of the cache structure has been successful. All data elements were successfully copied into the duplex structure on another coupling facility and processing has now switched to that new structure.
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP3959  CACHE STRUCTURE - status
Explanation: A duplex rebuild of the cache structure has been requested, this is a diagnostic message issued to show what events are occurring within the duplexing process.
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP3960  ABEND code TRYING TO CLOSE FILE file
Explanation: The REXX I/O routine encountered an abend while closing the named file.
System Action: The I/O routine recovers from the abend, frees the resources associated with the file, and returns an error code to its caller.
User Response: Check the abend code and take the appropriate action.
AOP3961  I/O ERROR TRYING TO READ FROM FILE  file
Explanation: The REXX I/O routine encountered an I/O error trying to read a record from the named file.
System Action: The I/O routine closes the file, frees the associated resources, and returns an error code to its caller.
User Response: Check that the file that is being read is a sequential dataset or a member of a partitioned dataset. These are the only file types that the EXECIO command supports.

AOP3962  ABEND  code TRYING TO WRITE TO FILE  file
Explanation: The REXX I/O routine encountered an abend while trying to write a record to the named file.
System Action: The I/O routine recovers from the abend, closes the file, frees the associated resources, and returns an error code to its caller.
User Response: Check the abend code and take the appropriate action.

AOP3963  FILE  file IS ALREADY OPEN FOR  mode
Explanation: The REXX I/O routine tried to open the named file but found that it was already open in the specified mode. This mode is incompatible with the requested mode.
System Action: The I/O routine returns an error code to its caller.
User Response: Check for conflicting EXECIO requests to the same file.

AOP3964  THE INPUT OR OUTPUT FILE  file IS NOT ALLOCATED. IT CANNOT BE OPENED FOR I/O
Explanation: The REXX I/O routine tried to open a file but found that it was not allocated.
System Action: The I/O routine returns an error code to its caller.
User Response: Check that the specified file is allocated before accessing it with EXECIO.

AOP3980  KOGSSCRT: NO STORAGE FOR  xxxxxxxx
Explanation: The product was unable to obtain sufficient storage for control blocks that are essential to its operation.
System Action: The product cannot be started.
User Response: Contact Candle Customer Support.

AOP3981  KOGSSCRT: UNABLE TO LOAD  xxxxxxxx
Explanation: The product was unable to load a program into CSA that is essential to its operation.
System Action: The product cannot be started.
User Response: Contact Candle Customer Support.

AOP3982  KOGSSCRT: MASTER OG SUBSYSTEM NAME  ssss IS ALREADY IN USE
Explanation: The product requires the use of the indicated subsystem name and it appears to have been allocated by another product.
System Action: The product cannot be started.
User Response: Contact Candle Customer Support.
AOP3983 KOGSSCRT: SUBSYSTEM NAME ssss ALREADY IN USE
Explanation: The subsystem identifier selected for the product became active elsewhere during product initialization.
System Action: The product cannot be started.
User Response: Try to determine which product is using the named subsystem identifier. Choose a different subsystem name for either product.

AOP3984 KOGSSCRT: UNABLE TO ESTABLISH RESOURCE MANAGER
Explanation: The product was unable to establish its resource manager.
System Action: The product cannot be started.
User Response: Contact Candle Customer Support.

AOP3985 KOGSSCRT: ERROR LOADING TO CSA
Explanation: The product was unable to load a program into CSA that is essential to its operation.
System Action: The product cannot be started.
User Response: Contact Candle Customer Support.

AOP3986 KOGSSCRT: SUBSYSTEM NAME ssss CANNOT BE REUSED BY THIS TASK
Explanation: A different product has already allocated the subsystem identifier selected for the product.
System Action: The product cannot be started.
User Response: Try to determine which product is using the named subsystem identifier. (Be aware that different characteristics of OMEGACENTER Gateway for MVS and AF/OPERATOR mean that the same subsystem name cannot be used first by one and then later reused by another.) Choose a different subsystem name for either product.

AOP3989 KOGSSCRT: UNABLE TO PLACE OG MASTER SUBSYSTEM. RETRYING.
Explanation: The master subsystem identifier required by the product became active elsewhere during product initialization. It is possible that another instance of the product was initializing concurrently.
System Action: Product initialization continues.
User Response: None. This is an informational message.

AOP3990 LOAD MODULE TABLE PROCESSING STARTED
Explanation: As part of product initialization, modules are about to be loaded into a vector table.
System Action: Processing continues.
User Response: None. This is an informational message.

AOP3991 LOAD MODULE TABLE PROCESSING COMPLETE
Explanation: As part of product initialization, modules have been loaded into a vector table
System Action: Processing continues.
User Response: None. This is an informational message.
AOP4000  

**Explanation:** An OPEN has failed for the VSAM checkpoint dataset specified by the RKOGCKP DD statement in the product JCL. This message may be accompanied by system messages about the OPEN failure. The following text may be appended to this message to describe specific error conditions:

- **NONREUSABLE DATASET**
  - The dataset has not been defined with the REUSE attribute and cannot be reset and reused for checkpointing. When RELOAD(NONE) is specified, the product must be able to reuse an existing dataset as if it were empty and begin writing to it.

- **RETURN CODE = nn, REASON CODE = nnn(nn)**
  - These are the RETURN and REASON codes given by VSAM for the OPEN failure. The REASON code is given first in decimal, then in hex.

**System Action:** Product initialization fails. No checkpointing of data to the VSAM dataset will occur. No information will be restored if the OPEN error occurred before reading an existing dataset.

**User Response:** Product startup will not continue if checkpointing has been requested and a subsequent error is detected in the VSAM checkpoint dataset. Because a VSAM file error will disable the checkpointing facility, the product requires that you either fix the VSAM file or specify NOCKPT. Be sure that the product JCL contains a valid RKOGCKP DD statement. Refer to the IBM VSAM Administration: Macro Instruction Reference for reason code meanings and responses. Correct the problem and restart the product.

AOP4001  

**Explanation:** Either a RELOAD(VARS) or a CKPT initialization parameter instructed the product to restore from or write to the checkpoint dataset. However, no RKOGCKP DD statement was found in the startup JCL.

**System Action:** Product initialization fails.

**User Response:** Correct the product JCL by adding a valid RKOGCKP DD statement. If no variables are to be restored, change the RELOAD parameter to RELOAD(NONE). If nothing is to be written to the dataset, specify NOCKPT.
AOP4002 product UNABLE TO USE VSAM CHECKPOINT DDNAME=RKOGCKP -
optional text
Explanation: An error has occurred during processing of the VSAM checkpoint
dataset specified by the RKOGCKP DD statement in the product JCL.
The following text may be appended to this message to describe specific error
conditions:

ERROR GENERATING ACB/RPL An error occurred while generating the indicated
control block necessary for VSAM processing.
ERROR MODIFYING ACB/RPL An error occurred while modifying the indicated
control block necessary for VSAM processing.
ERROR DISPLAYING ACB/RPL An error has occurred displaying fields in the
indicated control block necessary for VSAM
processing.

VSAM REQUEST NOT ACCEPTED An I/O request was not accepted by VSAM
because the RPL was active for another request.

System Action: Product initialization fails. Checkpointing of data to the
RKOGCKP dataset will terminate. The product will attempt to CLOSE the dataset.
User Response: None. This is an informational message only.

AOP4003 product VSAM CHECKPOINT RESTORATION COMPLETE - nn VARS
RELOADED
Explanation: During product initialization, the checkpoint dataset specified by
the RKOGCKP DD statement has been reloaded successfully according to the
RELOAD initialization parameter. The nn represents the number of user-defined
system variables restored.
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP4004 product I/O ERROR WRITING TO VSAM CHECKPOINT
DDNAME=RKOGCKP - CHECKPOINTING TERMINATED;
REASON CODE = nnn(xx)
Explanation: An I/O error has occurred writing to the checkpoint dataset
specified by the RKOGCKP DD statement in the product JCL. This message may
be accompanied by a system message about the I/O failure.
System Action: Processing continues. Checkpointing of data to the
RKOGCKP dataset will terminate. The product will attempt to CLOSE the dataset.
User Response: Refer to the IBM VSAM Administration: Macro Instruction
Reference for reason code meanings and responses.
AOP4005 **product** I/O ERROR READING FROM VSAM CHECKPOINT
DDNAME=RKOGCKP - POSSIBLE DATA LOSS; REASON CODE = nnn(xx)

**Explanation:** An I/O error has occurred while reading from the dataset specified by the RKOGCKP DD statement in the product JCL. This message may be accompanied by a system message about the I/O failure.

**System Action:** Processing continues. Any variables restored to this point will be kept, all subsequent data will be lost. Checkpointing of data to the RKOGCKP dataset will terminate. The product will attempt to CLOSE the dataset.

**User Response:** Refer to the IBM VSAM Administration: Macro Instruction Reference for reason code meanings and responses.

AOP4006 CHECKPOINT RECORD varname RESTORED

**Explanation:** During product initialization, the indicated variable was read from the checkpoint dataset specified by the RKOGCKP DD statement in the product JCL. The variable was restored to the value indicated. (This message is only written to the product message log.)

**System Action:** The system variable is added.

**User Response:** None. This is an informational message only.

AOP4007 **product** VSAM CHECKPOINT FUNCTION STOPPED

**Explanation:** Checkpointing to the dataset specified by the RKOGCKP DD statement in the product JCL has been terminated. This message may be accompanied by other product messages or by system messages describing an error that may have caused checkpointing to stop.

**System Action:** Processing continues. The product attempts to close the dataset. No more checkpointing of data to the VSAM dataset will occur. Any information already written to the dataset will be kept and restored on a product restart.

**User Response:** None. This is an informational message only.

AOP4008 **product** VSAM CHECKPOINT FUNCTION STARTED

**Explanation:** Checkpointing has begun to the dataset specified by the RKOGCKP DD statement in the product JCL.

**System Action:** Processing continues. Any information to be checkpointed will be written to the dataset when the values are added, modified, or deleted.

**User Response:** None. This is an informational message only.

AOP4009 **product** UNABLE TO close VSAM CHECKPOINT DDNAME=RKOGCKP;
RETURN CODE = nn, REASON CODE = nnn(xx)

**Explanation:** A CLOSE has failed for the VSAM checkpoint dataset specified by the RKOGCKP DD statement in the product JCL. This message may be accompanied by system messages about the CLOSE failure. The VSAM return and reason codes for the CLOSE failure are given.

**System Action:** Processing continues. The dataset is not closed.

**User Response:** Refer to the IBM VSAM Administration: Macro Instruction Reference for reason code meanings and responses.
AOP4010  *product VSAM LOGICAL ERROR ENCOUNTERED ON RKOGCKP DATASET; RETURN CODE = nn, REASON CODE = nnn(xx)*

**Explanation:** A VSAM logical error has occurred during processing of the VSAM checkpoint dataset specified by the RKOGCKP DD statement in the product JCL. The VSAM return and reason codes for the error are given.

**System Action:** Processing continues. Checkpointing of data to the RKOGCKP dataset will terminate.

**User Response:** Refer to the IBM VSAM Administration: Macro Instruction Reference for reason code meanings and responses.

AOP4020  **MESSAGE COUNT CONTROL variable IS INVALID**

**Explanation:** A user-created global variable containing the count of message lines (variable 0) is invalid or has not been created.

**System Action:** The command terminates.

**User Response:** Ensure that variable 0 has been created and contains valid information.

AOP4021  **WRONG MVS FOR EXTENDED CONSOLE**

**Explanation:** Console IDs with negative values are only valid on MVS/SP Version 4 and above.

**System Action:** The command terminates.

**User Response:** Ensure that the console ID is valid for the current version of MVS.

AOP4022  **NON-NUMERIC EXTENDED CONSOLE**

**Explanation:** The requested console is specified as an extended console (i.e. negative console ID) but the identifier contained non-numeric text.

**System Action:** The command terminates.

**User Response:** Make sure that the console ID is specified correctly for extended console support.

AOP4023  **NON-NUMERIC CONSOLE ID**

**Explanation:** Console names are only valid on MVS/SP Version 4 and above.

**System Action:** The command terminates.

**User Response:** Ensure that the console ID is valid for the current version of MVS.

AOP4024  **CONSOLE NAME TOO LONG**

**Explanation:** Specified console name is more than 8 characters.

**System Action:** The command terminates.

**User Response:** Make sure that the console name doesn’t exceed 8 characters in length.

AOP4025  **FAILED TO SET DOM ID variable**

**Explanation:** The command was unable to create and/or set the contents of the output variable (variable#) used to contain the WTO message ID for use by a subsequent DOM.

**System Action:** The command terminates.

**User Response:** None. This is an informational message only.
AOP4027 \textbf{GETMAIN FOR KABMLWTO LINE TABLE FAILED}  
\textbf{Explanation:} The MLWTO command was unable to obtain enough extended storage to contain the number of message lines being written.  
\textbf{System Action:} The command terminates.  
\textbf{User Response:} Reduce the number of lines in the MLWTO request or increase the amount of extended storage available to the OG/MVS region.

AOP4028 \textbf{COUNT IN STEM.0 VARIABLE EXCEEDS NUMBER OF STEM.## VARIABLES}  
\textbf{Explanation:} The MLWTO command has found more STEM.## variables containing message lines than was specified in the STEM.0 variable.  
\textbf{System Action:} The command terminates.  
\textbf{User Response:} Correct the number of STEM.## variables containing message lines, or adjust the count in the STEM.0 variable to match the number of STEM.## variables that have been defined.

AOP4029 \textbf{NUMBER OF STEM.## VARIABLES EXCEEDS COUNT IN STEM.0 VARIABLE}  
\textbf{Explanation:} The MLWTO command has found fewer STEM.## variables containing message lines than was specified in the STEM.0 variable.  
\textbf{System Action:} The command terminates.  
\textbf{User Response:} Correct the number of STEM.## variables containing message lines, or adjust the count in the STEM.0 variable to match the number of STEM.## variables that have been defined.

AOP4030 \textbf{CONSOLE ID xxxx IS NOT ACTIVE. CONSOLE ID WILL BE IGNORED.}  
\textbf{Explanation:} The user attempted to define a WTO, MLWTO, or OPER command with the CONSOLE parameter. The CONSOLE ID xxxx is not active in the system.  
\textbf{System Action:} The CONSOLE parameter is ignored. Output will be sent to the master console.  
\textbf{User Response:} Specify an active console ID for the CONSOLE parameter.

AOP4031 \textbf{CONSOLE ID xxxx IS NOT DEFINED IN THE SYSTEM. CONSOLE ID WILL BE IGNORED.}  
\textbf{Explanation:} The user attempted to define a WTO, MLWTO, or OPER command with the CONSOLE parameter. The CONSOLE ID xxxx is not defined in the system.  
\textbf{System Action:} The CONSOLE parameter is ignored. Output will be sent to the master console.  
\textbf{User Response:} Specify an active console ID for the CONSOLE parameter.
AOP4032 CONSOLE NAME xxxxxxxx IS NOT ACTIVE. CONSOLE NAME WILL BE IGNORED.
Explanation: The user attempted to define a WTO, MLWTO, or OPER command with the CONSOLE parameter. The CONSOLE name xxxxxxxx is not active in the system.
System Action: The CONSOLE parameter is ignored. Output will be sent to the master console.
User Response: Specify an active console name for the CONSOLE parameter.

AOP4033 CONSOLE NAME xxxxxxxx IS NOT DEFINED IN THE SYSTEM. CONSOLE NAME WILL BE IGNORED.
Explanation: The user attempted to define a WTO, MLWTO, or OPER command with the CONSOLE parameter. The CONSOLE name xxxxxxxx is not defined in the system.
System Action: The CONSOLE parameter is ignored. Output will be sent to the master console.
User Response: Specify an active console name for the CONSOLE parameter.

AOP4035 CONSOLE NAME name IS NOT ACTIVE. WTO SENT FROM SYSTEM sys
Explanation: The system with a LINKID startup parameter of sys sent a WTO via the product WTO command specifying a console name that is inactive on the receiving system.
System Action: The WTO is not issued on the receiving system.
User Response: Correct the CONSOLE parameter on the WTO statement to specify an active console or activate the console already specified in the WTO statement.

AOP4036 CONSOLE NAME name IS NOT DEFINED IN THE SYSTEM. WTO SENT FROM SYSTEM sys
Explanation: The system with a LINKID startup parameter of sys sent a WTO via the product WTO command specifying a console name that is not defined on the receiving system.
System Action: The WTO is not issued on the receiving system.
User Response: Correct the CONSOLE parameter on the WTO statement to specify a defined console, or define and activate the console already specified in the WTO statement.

AOP4037 CONSOLE NAME name IS NOT ACTIVE. OPER SENT FROM SYSTEM sys
Explanation: The system with a LINKID startup parameter of sys sent an MVS command via the product OPER command and specified a console name that is inactive on the receiving system.
System Action: The OPER is not issued on the receiving system.
User Response: Correct the CONSOLE parameter on the OPER statement to specify an active console, or activate the console already specified in the OPER statement.
AOP4038  CONSOLE NAME name IS NOT DEFINED IN THE SYSTEM. OPER SENT FROM SYSTEM sys
Explanation: The system with a LINKID startup parameter of sys sent an MVS command via the product OPER command and specified a console not defined on the receiving system.
System Action: The OPER is not issued on the receiving system.
User Response: Correct the CONSOLE parameter on the OPER statement to specify a defined console, or define the console already specified in the OPER statement.

AOP4039  ERROR IN LOADING KABJ3ECN
Explanation: MVS program fetch could not find module KABJ3ECN. KABJ3ECN is not in the product load library or an I/O error occurred on the load library.
System Action: Processing continues but the JES3 active consoles may not be recognized.
User Response: Ensure that module KABJ3ECN has been link-edited correctly and that it is either in the product load library or in the MVS module search libraries.

AOP4040  STOP command WAS ALREADY ISSUED
Explanation: The STOP command was already issued.
System Action: The command is ignored.
User Response: None. This is an informational message only.

AOP4054  MATCH aaaaaa ENDED ABNORMALLY. ABEND CODE=bbbbb,
MODULE=cccccccc, CSECT=ddddddd, OFFSET=eeeeeee, PTF=ffffffff
Explanation: This is an informational message, which indicates a match was ended abnormally.

aaaaaa   Match Number
bbbbb    Abend Code
ccccc    Module name
ddddddd  CSECT Name
eeeeeee  Offset into CSECT
ffffffff If present indicates maintenance level for CSECT

System Action: Product recovery will terminate the match.
User Response: None. This is an informational message only.
AOP4055 MATCH aaaaaa RECOVERED FROM AN ABEND. CODE=bbbb,
MODULE=cccccccc, CSECT=ddddddd, OFFSET=eeeee, PTF=fffffff
Explanation: This is an informational message, which indicates a match was
recovered, and has resumed its normal processing.

aaaaaa Match Number
bbbb Abend Code
cccccccc Module name
dddddddd CSECT Name
eeeee Offset into CSECT
fffffff If present indicates maintenance level for CSECT

System Action: Product recovery will send control to the retry routine for the
match.
User Response: None. This is an informational message only.

AOP4057 MATCH nnnnn IS NOT CANCELLED.
Explanation: The match is a non-cancelable match.
System Action: The match is not canceled.
User Response: None. This is an informational message only.

AOP4063 ERROR OCCURRED IN IRXTERMA R15=aaaaaaaa R0=bbbbb
Explanation: An error occurred in IRXTERMA while terminating a REXX
environment.

aaaaaaaa Return code from IRXTERMA
bbbbbbbb Reason code from IRXTERMA

System Action: The match is terminated.
User Response: Contact Candle Customer Support.

AOP4065 ERROR OCCURRED LOADING KABSYSWK
Explanation: An error occurred while loading SYWRK module.
System Action: The product will be terminated.
User Response: Contact Candle Customer Support.

AOP4066 ERROR OCCURRED LOADING KABRTERV
Explanation: An error occurred while loading the recovery routine.
System Action: The product will be terminated.
User Response: Contact Candle Customer Support.

AOP4067 ERROR OCCURRED LOADING KABRTERM
Explanation: An error occurred while loading the resource manager module.
System Action: The product will be terminated.
User Response: Contact Candle Customer Support.
AOP4068  ERROR OCCURRED LOADING KABRTEER  
Explanation: An error occurred while loading the $ESTAE service routines.  
System Action: The product will be terminated.  
User Response: Contact Candle Customer Support.  

AOP4069  ERROR IN ESTABLISHING THE GLOBAL ESTAE ROUTINE  
Explanation: An error occurred while establishing the recovery routine for the product.  
System Action: The product will be terminated.  
User Response: Contact Candle Customer Support.  

AOP4070  ERROR IN ESTABLISHING THE SESTAE EXIT ROUTINE FOR KOGMAIN.  
Explanation: An attempt was made to establish a $ESTAE for KOGMAIN but it failed.  
System Action: The product will be terminated.  
User Response: Contact Candle Customer Support.  

AOP4071  AN UNRECOVERABLE ERROR OCCURRED IN THE MAIN MATCH.  
Explanation: An unexpected error has occurred while processing was in the main match.  
System Action: The product will be terminated.  
User Response: Contact Candle Customer Support.  

AOP4073  $ESTAE NOT ESTABLISHED FOR RESOURCE MANAGER.  
Explanation: An unexpected error has occurred while establishing a $ESTAE for the resource manager processing.  
System Action: Match termination continues.  
User Response: None. This is an informational message only.  

AOP4074  $ESTAE NOT ESTABLISHED FOR TIMER MANAGER.  
Explanation: An unexpected error has occurred while establishing a $ESTAE for the timer manager.  
System Action: The product timer manager will continue without a recovery.  
User Response: None. This is an informational message only.  

AOP4076  RECOVERY IS INTERCEPTING ABENDS  
Explanation: An information message indicating recovery is in effect when command AF RECOVER is issued.  
System Action: Processing continues.  
User Response: None. This is an informational message only.
AOP4077  RECOVERY IS NOT INTERCEPTING ABENDS
Explanation: An information message indicating recovery is not in effect when command AF NORECOVER is issued.
System Action: Product recovery gets control, but does not recover the error, and the product will be terminated.
User Response: None. This is an informational message only.

AOP4078  GETMAIN FAILED FOR RCA STORAGE
Explanation: Storage allocation for RCA (Recovery Control Area) could not be acquired.
System Action: The product will be terminated.
User Response: None. This is an informational message only.

AOP4079  GETMAIN OR CPOOL FAILURE FOR TRE OR RESOURCE QUEUE OR RESERVED AREA
Explanation: Storage allocation for TRE, Resource queue, or reserved area has failed.
System Action: The product will be terminated.
User Response: None. This is an informational message only.

AOP4081  record RECORDS xxxxxxxxxxx ddbname DATASET
Explanation: This message gives record counts by dataset. The variable record is the record count. The variable xxxxxxxxxxx is either READ FROM or WRITTEN TO. The variable ddbname is the ddbname of the applicable dataset.
System Action: Processing continues.
User Response: None. This is an informational message only.

AOP4083  UNABLE TO xxxx ddbname CHECKPOINT DATASET optional text
Explanation: A checkpoint dataset error occurred. The xxxx is OPEN or CLOSE. The variable yyyyyyy is the ddbname of the dataset. The optional text appears only when the error occurred on a VSAM dataset. The optional text reads: RETURN CODE = nn, REASON CODE = ddd(xx) The variable nn is the VSAM return code. The variable ddd is the VSAM reason code in decimal format. The variable xx is the VSAM reason code in hexadecimal format.
System Action: The AONEWCKP dataset, if created, is not usable.
User Response: Determine the cause of the error. Execute the Delete and Define job which re-creates the AONEWCKP dataset. Rerun the AOCKPCNV utility.

AOP4087  VSAM xxxxxxx I/O ERROR ENCOUNTERED ON yyyyyyy DATASET
Explanation: An I/O error has occurred on a VSAM dataset, where: The text of xxxxxxx is LOGICAL or PHYSICAL. The variable yyyyyyy is the ddbname of the dataset.
System Action: The AONEWCKP dataset, if created, is not usable.
User Response: Determine the cause of the error. Execute the Delete and Define job which re-creates the AONEWCKP dataset. Rerun the AOCKPCNV utility.
AOP4088  UNABLE TO CONTINUE CHECKPOINT DATASET CONVERSION -
ERROR function cntl blk optional text
Explanation: An error has occurred in a VSAM control block manipulation
macro. The text of function is DISPLAYING, GENERATING, or MODIFYING.
The text of cntl blk is ACB, RPL, or EXIT LIST. The text of optional text is AFTER
VSAM I/O ERROR ON yyyy yyyy yyyy, where yyyy yyyy yyyy is the ddbname of the dataset.
System Action: The AONEWCKP dataset, if created, is not usable.
User Response: Determine the cause of the error. Execute the Delete and
Define job which re-creates the AONEWCKP dataset. Rerun the AOCKPCNV
utility.

AOP4090  UNABLE TO LOAD KOGQTTBL MODULE.
Explanation: An error occurred while loading the QUIET mode table module.
System Action: OG/MVS will continue, but AF QUIET mode will not function.
User Response: Contact Candle Customer Support.

AOP4097  REXX SHARED VARIABLE ACCESS RESET - SUBSYS(aaaa)
POOL(bbbbbbbb) MATCH NUMBER = ccccc
Explanation: This is an informational message, which indicates that recovery
processing reset the REXX environment so that REXX shared variables are
accessible by other REXX programs.

aaaa  OG/MVS Subsystem Identifier
bbbbbbbb  REXX Shared Variable Pool Name
cccccc  Terminating Match Number

System Action: OG/MVS will terminate the abending match and continue
processing.
User Response: None. This is an informational message only.

AOP4098  MESSAGE FLOODING DETECTED - DISABLED TRAP trapname
Explanation: The number of matches generated by the specified trap has
exceeded the limit set by the FLOODCNTL start-up parameter.
System Action: The specified trap is disabled.
User Response: Examine the system log(s) to determine what corrective action
needs to be taken to reduce the number of messages being trapped by trapname.
Take any action necessary to reduce the number of messages being issued and
then re-enable trapname.
AOP9999 CREATING ESTAE WITH NO DEFAULT RETRY ADDRESS
Explanation: An attempt was made to establish an ESTAE environment for a product routine, but the calling program did not pass a valid retry address.
System Action: ESTAE is defined with no retry address.
User Response: None. This is an informational message only.

AOP9999 ERROR IN RECOVERY ROUTINE: ABEND PERCOLATING
Explanation: An error was encountered in a recovery routine during ESTAE processing.
System Action: The abend continues. If the product does not recover successfully, the product ASCB will be terminated.
User Response: If the product recovers, no response is required. If not, restart the product.

AOP9999 ESTAE EXIT ENTERED WITH NO SDWA
Explanation: An abend has caused an ESTAE exit to be driven. The exit was not passed a SDWA address by the control task.
System Action: The abend continues.
User Response: Restart the product.

AOP9999 INVALID WORK AREA ON ENTRY TO ESTAE EXIT: ABEND PERCOLATING
Explanation: The ESTAE work area has been determined invalid.
System Action: The abend continues.
User Response: Restart the product.

AOP9999 NO SDWA AND WORK AREA IN USE ON ENTRY TO ESTAE EXIT: ABEND PERCOLATING
Explanation: An abend has caused an ESTAE exit to be driven. The exit has determined that the SDWA is not present and the ESTAE work area is currently in use.
System Action: The abend continues.
User Response: Restart the product.
AOP9999 NO SDWA AND NO WORK AREA ON ENTRY TO ESTAE EXIT: ABEND PERCOLATING
Explanation: An abend has caused an ESTAE exit to be driven, and the exit has determined that the SDWA and work area needed for recovery are not present.
System Action: The abend continues.
User Response: Restart the product.

AOP9999 RETRY ADDRESS IS ZERO: ABEND PERCOLATING
Explanation: An abend has caused an ESTAE exit to be driven, and the exit has determined that the retry address is zero.
System Action: The abend continues.
User Response: Restart the product.

AOP9999 WORK AREA IN USE ON ENTRY TO ESTAE EXIT: ABEND PERCOLATING
Explanation: An abend has caused an ESTAE exit to be driven, and the exit has determined that the ESTAE work area is already in use.
System Action: The abend continues.
User Response: Restart the product.

AOP9999 KOGSTART GETMAIN FAILURE. {Product_name} ABORTING.
Explanation: The product {Product_name} start up processing was unable to obtain the necessary storage to begin processing.
System Action: The product {Product_name} terminates.
User Response: Restart the product with a larger region size. If problem persists, contact Candle Customer Support.

AOP9999 PERSONALITY MODULE KOGWATMI CANNOT BE LOADED. {Product_name} ABORTING.
Explanation: The module KOGWATMI could not be found in the steplib or the link list.
System Action: The product {Product_name} terminates.
User Response: Make sure the KOGWATMI module is available in the load library search path and restart the product. If problem persists, contact Candle Customer Support.

AOP9999 KOGSTART IDENTIFY FAILURE FOR KOGWATMI. {Product_name} ABORTING.
Explanation: KOGSTART received a non zero return code from the IDENTIFY macro.
System Action: The product {Product_name} terminates.
User Response: Contact Candle Customer Support.

AOPCI001 Global user exit KABCICS (or KABCICS3) enabled
Explanation: The CICS Interface user exit has been successfully enabled.
System Action: Messages written to the CICS transient data queue will be forwarded to the product.
User Response: None. This is an informational message only.
AOPCI002  Global user exit KABCICS (or KABCICS3) disabled
Explanation: The CICS Interface user exit has been successfully disabled.
System Action: Messages written to the CICS transient data queue will no longer be forwarded to the product.
User Response: None. This is an informational message only.

AOPCI003  Bad response from assign startcode
Explanation: An internal error occurred when a CICS ASSIGN STARTCODE command was issued during enabling or disabling of the user exit.
System Action: Processing of the user exit stops without completing.
User Response: Retry the operation. If unsuccessful, contact Candle Customer Support.

AOPCI004  Bad response from retrieve command
Explanation: An internal error occurred when a CICS RETRIEVE command was issued during enabling or disabling of the user exit.
System Action: Processing of the user exit stops without completing.
User Response: Retry the operation. If unsuccessful, contact Candle Customer Support.

AOPCI005  Bad response from exit enable
Explanation: An internal error occurred when a CICS ENABLE command was issued during enabling of the user exit.
System Action: Processing of the user exit stops without completing.
User Response: Retry the operation. If unsuccessful, contact Candle Customer Support.

AOPCI006  Bad response from exit disable
Explanation: An internal error occurred when a CICS DISABLE command was issued during enabling of the user exit.
System Action: Processing of the user exit stops without completing.
User Response: Retry the operation. If unsuccessful, contact Candle Customer Support.

AOPCI007  Bad input to exit control routine
Explanation: The exit control routine was executed with data other than ENABLE or DISABLE.
System Action: Processing of the user exit stops without completing.
User Response: Provide the character string ENABLE or DISABLE as input data to the exit control routine.

AOPCI008  Cannot enable; exit already enabled
Explanation: An attempt has been made to enable the user exit when it is already enabled.
System Action: No further action.
User Response: None. This is an informational message only.
AOPCI009 Cannot disable; exit not enabled
Explanation: An attempt has been made to disable the user exit either before it has been enabled or after a previous action has disabled it.
System Action: No further action.
User Response: None. This is an informational message only.

AOPCI010 Bad response from extract command
Explanation: An internal error occurred when a CICS EXTRACT command was issued during enabling or disabling of the user exit.
System Action: Processing of the user exit stops without completing.
User Response: Retry the operation. If unsuccessful, contact Candle Customer Support.

AOPCI011 No input data; no action taken
Explanation: The exit control code was executed without input data.
System Action: No further action.
User Response: Provide correct input data to the exit control routine.

AOPCI012 Abend trapped. Abend code: xxxx
Explanation: An abend has been trapped in the exit control routine.
System Action: No further action.
User Response: Consult IBM CICS messages manuals to determine the cause of the abend. If assistance is required, call Candle Customer Support.

AOPCI013 KABCICS cannot run on CICS V3
Explanation: An attempt has been made to execute program KABCICS (for CICS V1 and V2) on CICS V3.
System Action: No further action.
User Response: Execute program KABCICS3, which supports CICS V3.

AOPCI014 LOAD COMMAND FAILED
Explanation: An interval error occurred when a CICS load command was issued during enabling of the user exit.
System Action: Processing of the user exit stops without completing.
User Response: Retry the operation. If unsuccessful, contact Candle Customer Support.

AOPCI015 RELEASE COMMAND FAILED
Explanation: An internal error occurred when a CICS release command was issued during disabling of the user exit.
System Action: The user exit is disabled but has not been released.
User Response: Attempt to release the user exit through the CECI release command, otherwise CICS must be restarted if a new copy of the user exit is required.
**AOPCI016**  
KABCICS3 UNABLE TO RELEASE ITSELF  
**Explanation:** An internal error occurred when a CICS release command was issued during disabling of the user exit. This condition is CICS maintenance level dependent, it can occur if attempting to release the program currently executing.  
**System Action:** The user exit is disabled but has not been released.  
**User Response:** Attempt to release the user exit through the CECI release command, otherwise CICS must be restarted if a new copy of the user exit is required.

**AOPCI101**  
Cannot run KABCICS3 on pre-V3 CICS systems  
**Explanation:** An attempt has been made to execute program KABCICS3 (for CICS V3) on CICS V1 or V2.  
**System Action:** No further action.  
**User Response:** Execute program KABCICS, which supports CICS V1 and V2.

**AOPCI102**  
Cannot issue SP commands; no action taken  
**Explanation:** In CICS V3, program KABCICS3 or transaction KABC (or the user causing their execution) is not permitted to execute systems programming commands.  
**System Action:** No further action.  
**User Response:** Adjust security values to allow systems programming commands to be issued.

**AOPNV100**  
PARAMETER ERROR - NO PARAMETER PASSED  
**Explanation:** The REXX function was called without a parameter.  
**System Action:** Return to the calling command list.  
**User Response:** Correct command list and retry.

**AOPNV101**  
PARAMETER ERROR - TOO MANY PARAMETERS  
**Explanation:** The REXX function was called with more than one parameter.  
**System Action:** Return to the calling command list.  
**User Response:** Correct command list and retry.

**AOPNV102**  
PARAMETER ERROR - MORE THAN 255 CHARACTERS  
**Explanation:** The REXX function was called with a parameter which was a string of more than 255 characters.  
**System Action:** Return to the calling command list.  
**User Response:** Correct command list and retry.

**AOPNV103**  
PARAMETER ERROR - INVALID SUBSYS SPECIFIED  
**Explanation:** The REXX function was called with an invalid SUBSYS parameter of more than 4 characters.  
**System Action:** Return to the calling command list.  
**User Response:** Correct command list and retry.
AOPNV108 UNABLE TO ALLOCATE RETURN DATA QUEUE
Explanation: All NetView Interface queues were in use. This should occur only if there are a large number of concurrently executing NetView command lists trying to access product resources. This may be an indication of a problem in the product.
System Action: Take dump, and return to the calling command list.
User Response: Retry the failing command list. If this problem persists, call Candle Customer Support.

AOPNV110 ERROR DEFINING RETURN DATA QUEUE
Explanation: NetView rejected a request to initialize an incoming data queue.
System Action: Take dump, and return to the calling command list.
User Response: Provide dump to Candle Customer Support for diagnosis.

AOPNV116 UNABLE TO SEND COMMAND REQUEST
Explanation: NetView will not send the request to the product.
System Action: Take dump, and return to the calling command list.
User Response: Provide dump to Candle Customer Support for diagnosis.

AOPNV118 NETVIEW INTERFACE TERMINATED WHILE WAITING FOR DATUM
Explanation: NetView sent a request to the product for processing. The NetView PPI was terminated before the command was completely processed.
System Action: Return to the calling command list. All REXX variables received from execution of the NVIDATA command before the termination was detected will be set as requested.
User Response: None. This is an informational message only.

AOPNV119 NO DATUM RECEIVED IN REQUIRED TIME INTERVAL
Explanation: NetView sent a request to the product for processing. No reply was received in the default time interval, and the product was terminated before the command was completely processed.
System Action: Return to the calling command list. All REXX variables received from execution of the NVIDATA command before the termination was detected will be set as requested.
User Response: None. This is an informational message only.

AOPNV120 UNABLE TO RECEIVE COMMAND REPLY
Explanation: The NetView reply data could not be received from the product.
System Action: Take dump, and return to the calling command list.
User Response: Provide dump to Candle Customer Support for diagnosis.

AOPNV121 ERROR IN STIMER ROUTINE
Explanation: An error occurred in the STIMER routines in the NetView Interface modules.
System Action: Take dump, and return to the calling command list.
User Response: Provide dump to Candle Customer Support for diagnosis.
AOPNV124  ERROR SETTING REXX VARIABLES FROM REPLY
Explanation: The NetView Interface routine was unable to set the required
REXX variables from the NVIDATA call in the product command list.
System Action: Take dump, and return to the calling command list.
User Response: Provide dump to Candle Customer Support for diagnosis.

AOPNV125  BAD REXX VARIABLE NAME
Explanation: The NetView Interface routine was unable to set the required
REXX variables from the NVIDATA call in the product command list because the
variable name was invalid.
System Action: Take dump, and return to the calling command list.
User Response: Provide dump to Candle Customer Support for diagnosis.

AOPNV126  BAD REXX VARIABLE VALUE
Explanation: The NetView Interface routine was unable to set the required
REXX variables from the NVIDATA call in the product command list because the
variable value was invalid.
System Action: Take dump, and return to the calling command list.
User Response: Provide dump to Candle Customer Support for diagnosis.

AOPNV127  OTHER REXX ERROR
Explanation: The NetView Interface routine was unable to set the required
REXX variables from the NVIDATA call in the product command list.
System Action: Take dump, and return to the calling command list.
User Response: Provide dump to Candle Customer Support for diagnosis.

AOPNV128  ERROR DEALLOCATING RESOURCES
Explanation: The NetView Interface modules were unable to release resources
for reuse. If this problem recurs, future AOCMD calls may be rejected with
message AOPNV108.
System Action: Take dump, and return to the calling command list.
User Response: Provide dump to Candle Customer Support for diagnosis.

AOPNV129  ERROR IN QUEUE ALLOCATION TABLE
Explanation: The NetView Interface modules found that a queue currently in
use was incorrectly marked as free. If this problem recurs, future AOCMD calls
may be rejected with message AOPNV108.
System Action: Take dump, and return to the calling command list.
User Response: Provide dump to Candle Customer Support for diagnosis.

AOPNV132  MODULE IS NOT APF AUTHORIZED
Explanation: The NetView Interface is intended to run APF-authorized, but the
interface modules are unauthorized.
System Action: Return to the calling command list.
User Response: Make sure the installation of the NetView modules was
successful. If problem persists, contact Candle Customer Support.
AOPNV135  **REXX ENVIRONMENT BLOCKS NOT FOUND**

**Explanation:** The REXX control blocks associated with the command file could not be located. This is usually because the interface module has been called from outside a REXX environment.

**System Action:** Return to the calling command list.

**User Response:** Check that the interface module is being correctly called from a REXX command list. If the problem persists, contact Candle Customer Support.

AOPNV136  **REXX CLIST NAME NOT FOUND**

**Explanation:** The REXX command list name could not be located.

**System Action:** Processing of the command list continues. The product match variable will be set to a dummy value (‘*******’).

**User Response:** If the problem persists, contact Candle Customer Support.

AOPNV137  **NETVIEW ENVIRONMENT BLOCKS NOT FOUND**

**Explanation:** The NetView control blocks associated with the command file could not be located. This is usually because the interface module has been called from outside a NetView environment.

**System Action:** Return to the calling command list.

**User Response:** Check that the interface module is being correctly called from a NetView command list. If the problem persists, contact Candle Customer Support.

AOPNV138  **NetView PPI NOT AVAILABLE FOR PROCESSING**

**Explanation:** The NetView Interface modules received a reply from the product, but the data format received could not be recognized.

**System Action:** Take a dump, and return to the calling command list.

**User Response:** Check that the product and the NetView load libraries are at the same level of maintenance. If problem persists, contact Candle Customer Support.

AOPNV141  **INCOMING DATUM INCOMPREHENSIBLE**

**Explanation:** The NetView Interface modules received a reply from the product, but the data format received could not be recognized.

**System Action:** Take a dump, and return to the calling command list.

**User Response:** Check that the product and the NetView load libraries are at the same level of maintenance. If problem persists, contact Candle Customer Support.

AOPNV142  **INCOMING TOKEN PRECEDES ACTIVE TOKEN**

**Explanation:** The NetView Interface modules received a reply from the product, but the reply was not for the current AOCMD execution. This can occur if NetView has been stopped and restarted while the product has remained active.

**System Action:** Continue processing the command list.

**User Response:** None.
AOPNV144  OG/MVS NOT AVAILABLE FOR PROCESSING
Explanation: The NetView Interface modules have determined that the product is not processing requests from NetView.
System Action: Return to the calling command list.
User Response: Check that the product is running and that the NVISTART command has been issued.

AOPNV148  PURGING INBOUND DATA
Explanation: The NetView Interface modules are purging input from the product. This message is preceded by a more precise error indication.
System Action: Return to the calling command list.
User Response: Take action depending on the preceding message.

AOPNV152  ERROR CLOSING DOWN INPUT PROCESSING
Explanation: The NetView Interface modules have experienced an error purging input from the product.
System Action: Take dump, and return to the calling command list.
User Response: Provide dump to Candle Customer Support for diagnosis.

AOPNV156  UNABLE TO ALLOCATE REQUISITE STORAGE
Explanation: The NetView Interface modules could not allocate the requisite buffers for processing.
System Action: Return to the calling command list.
User Response: Wait for a short time and retry command list. If the problem persists, provide dump to Candle Customer Support for diagnosis.

AOPNV160  NETVIEW ERROR , CALL TYPE NN, RC=XXXXXXXX
Explanation: An unexpected return code has been received from the NetView Interface.
System Action: Take dump, and return to the calling command list.
User Response: Provide dump to Candle Customer Support for diagnosis.

AOPNV164  INBOUND DATA RECORD XXX ... XXX
Explanation: An unexpected input record has been received from the NetView Interface.
System Action: Take dump, and return to the calling command list.
User Response: Provide dump to Candle Customer Support for diagnosis.

AOPNV176  ERROR LOADING CNMNETV
Explanation: A NetView command list has requested product services, but the NetView PPI Interface module, CNMNETV, is not available. This is probably caused by running the command list on an old level of NetView that does not support the NetView Interface function.
System Action: Return to the calling command list.
User Response: Check that the level of NetView is correct. If the problem persists, contact Candle Customer Support.
**AOPNV179 UNABLE TO LOCATE SSCT**

**Explanation:** The NetView Interface modules were not able to locate the product SSCT control block. This occurs when the product has not been initialized.

**System Action:** Return to the calling command list.

**User Response:** Start the product and retry the failing command list.

**AOPNV180 UNABLE TO LOCATE GLOBAL AREA**

**Explanation:** The NetView Interface modules were not able to locate the product global data area. This occurs when the product has not started NetView PPI processing.

**System Action:** Return to the calling command list.

**User Response:** Issue the NVISTART command and retry the failing command list.

**AOPNV181 GLOBAL AREA EYE-CATCHER INVALID**

**Explanation:** The product global data area appears corrupted.

**System Action:** Take dump, and return to the calling command list.

**User Response:** Provide dump to Candle Customer Support for diagnosis.

**AOPNV195 COMMAND DID NOT COMPLETE NORMALLY**

**Explanation:** The request was successfully passed to the product for execution. During execution, the match did not complete normally.

**System Action:** Return to the calling command list.

The special variable AORC will be set to one of the following values:

-5  Match could not be scheduled
-6  Match abended
-7  Match cancelled
-8  Match failed for an unknown reason
-9  Match not completed due to AO STOP command being issued

**User Response:** Examine the message log to determine why the match failed, correct the error and re-run the command list.

**AOPNV196 UNKNOWN ERROR**

**Explanation:** An internal error has occurred.

**System Action:** Take dump, and return to the calling command list.

**User Response:** Provide dump to Candle Customer Support for diagnosis.

**ATF0004W ATF KEYWORD xxxxxxxxx IS INVALID FOR THIS IMS ENVIRONMENT**

**Explanation:** The keyword has been ignored and the IMS /STA ATF command has been processed.

**System Action:** None.

**User Response:** None.
ATF0005E  ATM - IMS MONITOR RESOURCE IS NOT AVAILABLE, RC=08
Explanation: The IMS/TRACE SET ON | OFF Monitor command cannot be completed by ATF because of either an internal IMS Monitor work area or storage resource error, or the Monitor is in the process of terminating.
System Action: The IMS Monitor was not set on or turned off.
User Response: Look for a causing error message or condition. Save any OMEGAMON and IMS job logs and associated dumps. Contact Candle Customer Support with the diagnostic information.

ATF0006I  ATF MANAGER IS NOW ACTIVE, RC=00
Explanation: The IMS ATF start command has been processed.
System Action: None.
User Response: None.

ATF0007I  ATF MANAGER WAS ALREADY ACTIVE, RC=04
Explanation: The IMS ATF start command was issued when ATF was already active.
System Action: None.
User Response: None.

ATF0008I  ATF MANAGER IS NOW INACTIVE, RC=00
Explanation: The IMS ATF stop command has been processed.
System Action: None.
User Response: None.

ATF0009I  ATF MANAGER WAS ALREADY INACTIVE, RC=04
Explanation: The IMS ATF stop command was issued when ATF was not active.
System Action: None.
User Response: None.

ATF0010E  ATF MANAGER HAS FAILED INITIALIZATION, RC=08
Explanation: ATF has attempted the initialization of the ATF connection and failed.
System Action: The ATF Manager terminates.
User Response: Look for the causing error message or condition.

ATF0011E  ATF MANAGER HAS FAILED TERMINATION, RC=08
Explanation: ATF has attempted the termination of the ATF connection and failed.
System Action: The ATF Manager’s condition is not known.
User Response: Look for the causing error message or condition.

ATF0012E  START ATF PARM VALUE xxxxxxxx IS INVALID, RC=08
Explanation: The IMS ATF start command has an invalid parameter.
System Action: The ATF Manager did not start.
User Response: Correct the invalid parameter and resubmit the command.
ATF0013I  ATF MANAGER DETECTED IMS xxxxx ENVIRONMENT
Explanation: The ATF Manager has detected the IMS environment in which it is executing. It could be the DBCTL, DB/DC, or DC environment.
System Action: None.
User Response: None.

ATF0014E  IMS RESTART MUST COMPLETE PRIOR TO STARTING ATF MANAGER, RC=08
Explanation: The IMS ATF start command has been issued before IMS has finished restarting.
System Action: Restart IMS and then issue the IMS ATF start command.
User Response: None.

ATF0015I  ATF INACTIVE. TRACE COMMAND PASSED TO IMS, RC=04
Explanation: The IMS /TRACE SET ON command will be processed by IMS.
System Action: None.
User Response: None.

ATF0016I  ATF IS ACTIVE. TRACE COMMAND PROCESSED, RC=00
Explanation: The IMS /TRACE SET ON command has been processed by ATF.
System Action: None.
User Response: None.

ATF0017I  ATF IS ACTIVE. TRACE REQUEST ALREADY PROCESSED, RC=04
Explanation: The IMS /TRACE SET ON command has been previously processed by ATF.
System Action: None.
User Response: None.

ATF0018I  ATF IS ACTIVE. TRACE TERMINATION PROCESSED, RC=00
Explanation: The IMS /TRACE SET OFF command has been processed by ATF.
System Action: None.
User Response: None.

ATF0019I  ATF IS ACTIVE. TRACE TERMINATION ALREADY PROCESSED, RC=04
Explanation: The IMS /TRACE SET OFF command has been previously processed by ATF.
System Action: None.
User Response: None.

ATF0020I  ATF HAS COMPLETED TRACE INITIALIZATION, RC=00
Explanation: ATF has processed the IMS /TRACE SET ON command.
System Action: The IMS Monitor is recording.
User Response: None.
ATF0021E  ATF HAS FAILED TRACE INITIALIZATION, RC=04
Explanation: ATF attempted to process the IMS /TRACE SET ON command and initialization failed.
System Action: The IMS Monitor is not recording.
User Response: Look for the causing error message or condition.

ATF0022E  START TRACE PARM VALUE xxxxxxxx IS INVALID, RC=08
Explanation: The IMS /TRACE SET ON Monitor command has an invalid parameter.
System Action: The IMS Monitor is not recording.
User Response: Correct the invalid parameter and resubmit the command.

ATF0023E  ATF MANAGER DETECTED NON SUPPORTED IMS ENVIRONMENT
Explanation: The ATF Manager detected that an OMEGAMON module called the INIT function of the API.
System Action: None.
User Response: Save the OMEGAMON and IMS job logs and any associated dumps. Contact Candle Customer Support with the diagnostic information.

ATF0024I  ATF MANAGER NOT ACTIVE
Explanation: The ATF Manager is not active.
System Action: None.
User Response: Start the ATF Manager with the IMS /STA ATF command.

ATF0027I  ATF MANAGER IS NOW INACTIVE, WARNING MESSAGES ISSUED, RC=08
Explanation: The ATF Manager is now inactive, but some portion of the termination did not complete successfully.
System Action: The ATF Manager has been shutdown.
User Response: Examine accompanying error messages for the cause of the error.

ATF0028E  TRACE PARM CONTAINS NO VALID KEYWORDS
Explanation: A scan of the /TRA SET ON(OFF) MONITOR command, that was entered from the IMS operator console, does not contain any valid keywords. Also see ATF0022E. Valid trace keywords found, but one keyword was in error.
System Action: ATF rejects the /TRACE request.
User Response: Re-enter the command again with correct keyword.

ATF1000E  TIMER SERVICES INTERNAL ERROR
Explanation: An ATF internal error has occurred. ATF timer services are not available. (Traces are dependent upon timeframes.)
System Action: None.
User Response: Contact Candle Customer Support with a dump of the OMEGAMON II address space.
<table>
<thead>
<tr>
<th>Code</th>
<th>Message Description</th>
<th>Explanation</th>
<th>System Action</th>
<th>User Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATF1010E</td>
<td>INVALID OR NO REQUEST–U101 Follows</td>
<td>An internal processing error was encountered.</td>
<td>ATF ends abnormally.</td>
<td>Contact Candle Customer Support with the diagnostic information.</td>
</tr>
<tr>
<td>ATF1020E</td>
<td>INVALID REQUEST QUEUE CHAIN–ABEND 102 Follows</td>
<td>An internal processing error was encountered.</td>
<td>ATF ends abnormally.</td>
<td>Contact Candle Customer Support with the diagnostic information.</td>
</tr>
<tr>
<td>ATF1030E</td>
<td>REQUEST QUEUE RECURSIVE CHAIN–EVENTS MAY BE LOST</td>
<td>During interval processing, ATF was unable to save some of the trace information.</td>
<td>ATF continues processing.</td>
<td>Examine the SYSLOG for accompanying messages to diagnose the source of the problem.</td>
</tr>
<tr>
<td>ATF1040E</td>
<td>ERROR SAVING REPOSITORY CONTENTS</td>
<td>During interval processing, ATF was unable to save repository information.</td>
<td>ATF continues processing.</td>
<td>Contact Candle Customer Support with the diagnostic information.</td>
</tr>
<tr>
<td>ATF1200E</td>
<td>ATF INTERNAL PROCESSING ERROR ABEND 1200 Follows</td>
<td>ATF encountered an integrity failure when reading trace data.</td>
<td>ATF terminates abnormally.</td>
<td>Contact Candle Customer Support.</td>
</tr>
<tr>
<td>ATF1405E</td>
<td>REPOSITORY DD STATEMENT MISSING</td>
<td>The TKANATF DD statement was not present in the JCL for the OMEGAMON II Started Task. This DD statement is necessary to record trace data permanently.</td>
<td>ATF continues start-up without the ability to save trace data.</td>
<td>Add the DD statements to the JCL of the STC.</td>
</tr>
<tr>
<td>ATF1410E</td>
<td>UNABLE TO CREATE DATASPACE</td>
<td>ATF was unable to create a dataspace as a trace-data buffer. The DSPSERV CREATE macro failed.</td>
<td>ATF start-up continues.</td>
<td>None.</td>
</tr>
<tr>
<td>ATF1415I</td>
<td>TOTAL VSAM SPACE AVAILABLE IS XXXXXX PAGES</td>
<td>ATF examined the VSAM dataset allocated under the TKANATF DD statement and found it to be of the displayed size.</td>
<td>ATF start-up continues.</td>
<td>None.</td>
</tr>
</tbody>
</table>
ATF1420E  UNABLE TO ADD DATASPACE ALET
Explanation: ATF was unable to issue the ALESERV ADD macro during start-up processing.
System Action: The register contents are displayed in the SYSLOG. ATF start-up fails.
User Response: Examine accompanying messages for the cause of the error.

ATF1425E  UNABLE TO GENERATE VSAM ACB
Explanation: During ATF start-up, ATF was unable to build the necessary control block to access the dataset under the TKANATF DD statement.
System Action: ATF continues start-up without the ability to save trace data.
User Response: Examine accompanying messages for the cause of the error.

ATF1430E  UNABLE TO OPEN REPOSITORY
Explanation: During ATF start-up, ATF was unable to open the TKANATF DD statement.
System Action: ATF continues start-up without the ability to save trace data.
User Response: Examine accompanying messages for the cause of the error. Make sure the proper dataset is allocated to the TKANATF DD statement.

ATF1430I  SUSPENDING FOR 15 SECONDS AND RETRYING
Explanation: After issuing message ATF1430E, ATF continues to retry to open the dataset, assuming an archive exists and is in progress.
System Action: None.
User Response: Examine accompanying messages for the cause of the error. Make sure the proper dataset is allocated to the TKANATF DD statement. Make sure the dataset is not used by another job.

ATF1435E  ERROR DURING VSAM SHOWCB
Explanation: During ATF start-up, ATF was unable to obtain dataset information about the dataset allocated under the TKANATF DD statement.
System Action: The registers from the SHOWCB call precede the message. ATF continues start-up without the ability to save trace data.
User Response: Examine accompanying messages for the cause of the error.

ATF1440E  REPOSITORY IS NOT VSAM LDS
Explanation: During ATF start-up, ATF examined the characteristics of the dataset allocated under the TKANATF DD statement, and found that this dataset was not a VSAM linear dataset.
System Action: ATF continues start-up without the ability to save trace data.
User Response: Inspect the dataset allocated under the TKANATF DD statement and ensure that it has the proper definitions.
ATF1445E  ERROR CLOSING REPOSITORY  
Explanation: During ATF start-up, ATF examined the characteristics of the dataset allocated under the TKANATF DD statement. However, ATF was unable to close the dataset subsequently.  
System Action: The registers precede the message at the time of the error. ATF continues start-up without the ability to save trace data.  
User Response: Contact Candle Customer Support with the diagnostic information.

ATF1450E  UNABLE TO IDENTIFY REPOSITORY OBJECT  
Explanation: During ATF start-up, ATF was unable to associate the in-storage trace data objects with the dataset allocated under the TKANATF DD statement. The IDENTIFY macro failed.  
System Action: The registers precede the message at the time of the error. ATF continues start-up without the ability to save trace data.  
User Response: Examine accompanying messages for the cause of the error.

ATF1455I  REPOSITORY SPACE AVAILABLE IS XXXXXXXX KBYTES  
Explanation: During ATF start-up, ATF has determined the amount of storage available to maintain trace data.  
System Action: Start-up continues.  
User Response: None.

ATF1460E  UNABLE TO ACCESS REPOSITORY OBJECT  
Explanation: During ATF start-up, the ACCESS macro, in respect to the TKANATF DD statement, failed. The registers precede the message at the time of the error.  
System Action: ATF continues start-up without the ability to save trace data.  
User Response: Examine accompanying messages for the cause of the error.

ATF1470E  UNABLE TO MAP REPOSITORY OBJECT  
Explanation: During ATF start-up, the ACCESS macro, in respect to the TKANATF DD statement, failed. The registers precede in the message at the time of the error.  
System Action: ATF continues start-up without the ability to save trace data.  
User Response: Examine accompanying messages for the cause of the error.

ATF2000I  APPLICATION TRACE FACILITY INITIALIZED  
Explanation: ATF has been successfully initialized in the OMEGAMON address space.  
System Action: None.  
User Response: None.

ATF2010I  APPLICATION TRACE FACILITY TERMINATING  
Explanation: ATF is being shut down. This is due to either an explicit termination request or the fact that the OMEGAMON address space terminates.  
System Action: None.  
User Response: None.
**ATF2030E**  
**ERROR DURING APPLICATION TRACE FACILITY INITIALIZATION**  
**Explanation:** During start-up of the OMEGAMON II address space, ATF support was requested. However, ATF could not be started for a variety of reasons.  
**System Action:** OMEGAMON II start-up continues. ATF is not available.  
**User Response:** Examine further messages that were issued in order to determine the reasons for the failure.

**ATF4000E**  
**IMS CALLABLE SERVICES INIT OR GET STORAGE CALL FAILED**  
**Explanation:** The ATF issued service call to IMS Callable Services failed.  
**System Action:** The ATF function did not complete.  
**User Response:** Contact Candle Customer Support with the diagnostic information.

**ATF4001E**  
**ATF MANAGER - AN OM ATF RECORD PROCESSOR DID NOT STOP DURING ATF TERMINATION**  
**Explanation:** An IMS SLOG call through the ATF continuation code did not indicate that it had completed. This is probably due to either a failure in the continuation module during processing or a hung system.  
**System Action:** The API waits 3 seconds, checking every 0.3 second before issuing this message. The API then proceeds with the terminate request, regardless of whether the continuation code shows that it completed.  
**User Response:** Contact Candle Customer Support with the diagnostic information.

**ATF4002I**  
**ATF MANAGER STOPPED**  
**Explanation:** The ATF Manager has terminated in response to the /STO ATF command.  
**System Action:** None.  
**User Response:** None.

**ATF4003E**  
**ATTEMPT TO INIT/Term THE MONITOR WHEN NOT REGISTERED**  
**Explanation:** This represents a programming error.  
**System Action:** DC/DBMON fails to start.  
**User Response:** Take a console dump of the IMS region with SDATA=(RGN,SUM,SQA,LSQA,SWA,CSA). Save the dump, the IMS listing, and the OMEGAMON console listing, and contact Candle Customer Support.

**ATF4005E**  
**ATF MANAGER - ATF RECORD PROCESSOR STAYED ACTIVE WHILE Deregistering**  
**Explanation:** An IMS SLOG call through the ATF Collector did not indicate that it had completed. This is probably due to either a failure in the continuation module during processing or a hung system.  
**System Action:** The ATF Manager waits 3 seconds, checking every 0.3 seconds before issuing this message. ATF Manager then proceeds with the terminate request, regardless of whether the continuation code shows that it completed.  
**User Response:** Contact Candle Customer Support with the diagnostic information.
ATF4006W  ATF MANAGER DETECTED AN ATTEMPT TO DEREGISTER WHEN NOT REGISTERED
Explanation: An attempt to deregister an OMEGAMON ATF failed, because the ATF was not registered with the ATF Manager.
System Action: A program error has occurred.
User Response: Save the IMS and OMEGAMON logs. Contact Candle Customer Support with the diagnostic information.

ATF4007W  ATF MANAGER - SETOPTS REQUESTED WHEN NOT REGISTERED
Explanation: The ATF Manager has lost the connection to the OMEGAMON ATF.
System Action: None.
User Response: Restart the OMEGAMON ATF session.

ATF4008W  ATF MANAGER - GETOPTS REQUESTED WHEN NOT REGISTERED
Explanation: The ATF Manager has lost the connection to the OMEGAMON.
System Action: None.
User Response: Restart the OMEGAMON ATF session.

ATF4009I  MRCA - xxxxxxxx
Explanation: This is an informational message in the IMS job log for Candle Customer Support. xxxxxxxx is the address of the Master Recovery Control Area in ECSA.
System Action: None.
User Response: Include this message in any job logs requested by Candle Customer Support.

ATF4010E  ATF FILTER - INVALID IMS ENVIRONMENT DETECTED
Explanation: The ATF Filter cannot determine in which IMS environment it is executing.
System Action: An internal error has occurred.
User Response: Save the IMS and OMEGAMON job logs and any dumps. Contact Candle Customer Support with the diagnostic information.

ATF4013E  ATF ALREADY ACTIVE
Explanation: A request to start ATF found the ATF Manager already active.
System Action: If the ATF Manager is active, the request is ignored. If the ATF Manager is not active, a program error has occurred.
User Response: Save the IMS and OMEGAMON logs. Contact Candle Customer Support with the diagnostic information.

ATF4014E  ATF - UNABLE TO OBTAIN TASK AREA
Explanation: A GETMAIN request for ECSA storage failed.
System Action: None.
User Response: Make sure that there is enough free ECSA to run ATF. Contact Candle Customer Support with the diagnostic information.
ATF4015I  ATF ATTACH
Explanation:  The ATF Control module is being started.
System Action:  None.
User Response:  None.

ATF4016E  ATF (KI2TC-/) MODULE NOT FOUND
Explanation:  The ATF Controller load module was not found in the program libraries allocated to OMEGAMON.
System Action:  None.
User Response:  Verify that either the KI2TCFx (IMS/ESA V5), KI2TCGx (IMS/ESA V6), or KI2TCHQ (IMS/ESA V7) module is in the library. If the appropriate module is present, save the IMS and OMEGAMON logs. Contact Candle Customer Support with the diagnostic information.

ATF4017E  ATF ATTACH FAILED
Explanation:  The ATTACH for the ATF Controller load module failed.
System Action:  None.
User Response:  Save the IMS and OMEGAMON logs. Contact Candle Customer Support with the diagnostic information.

ATF4018E  INSUFFICIENT STORAGE FOR I2TC TO CONTINUE
Explanation:  A GETMAIN for working storage failed.
System Action:  None.
User Response:  Make sure that a larger region size is specified for the OMEGAMON for IMS job.

ATF4019I  ATF CONTROL INITIALIZING
Explanation:  The ATF Control module is initializing.
System Action:  None.
User Response:  None.

ATF4020E  ATF CONTROL - MODULE KI2IAT00 NOT FOUND
Explanation:  Module KI2IAT00 was not found in the program library.
System Action:  None.
User Response:  Make sure that the correct load module library is specified on the STEPLIB for the OMEGAMON for IMS.

ATF4021W  I2TC UNABLE TO ESTABLISH ESTAE, I2TC CONTINUING WITH INITIALIZATION
Explanation:  A failure occurred while establishing an Abend recovery environment. Initialization continues without the recovery routine.
System Action:  None.
User Response:  Save the IMS and OMEGAMON logs. Contact Candle Customer Support with the diagnostic information.
ATF4022E   ATF CONTROL - ATD TOKEN CREATE FAILED
Explanation: A failure occurred while using an MVS Token Services function.
System Action: None.
User Response: Save the IMS and OMEGAMON logs. Contact Candle Customer Support with the diagnostic information.

ATF4023E   ATF CONTROL - ECSA GETMAIN FAILED FOR KI2MN
Explanation: A GETMAIN request for ECSA storage failed.
System Action: None.
User Response: Make sure that there is enough free ECSA to run ATF. Save the IMS and OMEGAMON logs. Contact Candle Customer Support with the diagnostic information.

ATF4024E   ATF CONTROL - KI2MN LOAD FAILED
Explanation: A LOAD for the load module failed.
System Action: None.
User Response: Verify that either the KI2MNF0 (IMS/ESA V5), KI2MNG0 (IMS/ESA V6), or KI2MNH0 (IMS/ESA V7) module is in the library. If the appropriate module is present, save the IMS and OMEGAMON logs. Contact Candle Customer Support with the diagnostic information.

ATF4025E   ATF CONTROL - KI2MN BLDL FAILED
Explanation: A BLDL for the load module failed.
System Action: None.
User Response: Verify that either the KI2MNE0 (IMS/ESA V5), KI2MNF0 (IMS/ESA V6), or KI2MNG0 (IMS/ESA V7) module is in the library. If the appropriate module is present, save the IMS and OMEGAMON logs. Contact Candle Customer Support with the diagnostic information.

ATF4026E   ATF CONTROL - KI2MN LENGTH=0
Explanation: A BLDL for the load indicated that the load module’s length is zero.
System Action: None.
User Response: Verify that either the KI2MNF0 (IMS/ESA V5), KI2MNG0 (IMS/ESA V6), or KI2MNH0 (IMS/ESA V7) module is in the library. If the appropriate module is present, save the IMS and OMEGAMON logs. Contact Candle Customer Support with the diagnostic information.

ATF4027I   ATF RECONNECT COMPLETE
Explanation: The ATF Manager has completed the reconnect successfully.
System Action: None.
User Response: None.

ATF4028I   ATF TERMINATED SUCCESSFULLY
Explanation: the ATF Manager has successfully terminated.
System Action: None.
User Response: None.
ATF5010E  ATF ERROR RECOVERY ENTERED  
**Explanation:** ATF encountered a program check.  
**System Action:** ATF writes diagnostic information.  
**User Response:** Contact Candle Customer Support.  

ATF5020E  ATF WILL ATTEMPT TO RECOVER  
**Explanation:** ATF encountered a program check.  
**System Action:** ATF attempts to resume processing.  
**User Response:** Contact Candle Customer Support.  

ATF5030E  ATF DIAGNOSTIC INFORMATION BEING WRITTEN  
**Explanation:** ATF encountered a program check.  
**System Action:** ATF writes diagnostic information.  
**User Response:** Contact Candle Customer Support.  

ATF5040E  ATF DISPATCHER ABENDED  
**Explanation:** ATF encountered a program check it decided was unrecoverable.  
**System Action:** ATF terminates.  
**User Response:** Contact Candle Customer Support.  

ATF5050E  APPLICATION TRACE FACILITY WILL TERMINATE  
**Explanation:** ATF encountered a program check it decided was unrecoverable.  
**System Action:** ATF terminates.  
**User Response:** Contact Candle Customer Support.  

ATF6200E  ERROR LOADING KI2DA00-U620 FOLLOWS  
**Explanation:** During start-up, ATF was unable to find the indicated module in either LPALIB, LINKLIST, or the STEPLIB concatenation.  
**System Action:** ATF abnormally terminates with a user abend code of 620.  
**User Response:** Determine the location of the module and add it to the STEPLIB concatenation.  

ATF6210I  DATASPACE MANAGER FACILITY START AT XXXXX ON XX-XXX-XXX  
**Explanation:** ATF support was initialized during OMEGAMON II start-up and is now ready to process requests.  
**System Action:** ATF is available.  
**User Response:** None.  

ATF6300I  TERMINATION IS IN PROGRESS  
**Explanation:** The ATF termination controller received control.  
**System Action:** ATF termination continues.  
**User Response:** None.  

ATF6400I  ATF WAITING FOR SUBTASKS(S) TO TERMINATE  
**Explanation:** During termination, ATF determined that subtasks were active.  
**System Action:** ATF waits until these subtasks have terminated.  
**User Response:** None.
**ATF7900I**

**R15: Xxxxxxxxx Ro: Xxxxxxxxx R1: Xxxxxx**

**Explanation:** This message is accompanied by other messages pertaining to a specific error. This message provides diagnostic information.

**System Action:** ATF continues error processing.

**User Response:** Provide the diagnostic data to Candle Customer Support.

**ATF8015E**

**ATF COLLECTOR - INCORRECT ENTRY LINKAGE WITH ATF MANAGER**

**Explanation:** The ATF Collector program detected an internal error.

**System Action:** None.

**User Response:** Issue an IMS /STO ATF command. Save the IMS job logs and any dumps. Contact Candle Customer Support with the diagnostic information.

**ATF8016E**

**ATF COLLECTOR - SLOG AREA FROM ATF MANAGER NULL**

**Explanation:** The ATF Collector program detected an internal error.

**System Action:** None.

**User Response:** Issue an IMS /STO ATF command. Save the IMS job logs and any dumps. Contact Candle Customer Support with the diagnostic information.

**ATF8017E**

**ATF COLLECTOR - SLOG STACK OVERFLOW OCCURRED**

**Explanation:** The ATF Collector program detected an internal table overflow error condition.

**System Action:** None.

**User Response:** Issue an IMS /STO ATF command. Save the IMS job logs and any dumps. Contact Candle Customer Support with the diagnostic information.

**ATF8018W**

**ATF COLLECTOR - ORPHANED END EVENT; SLOG=xx**

**Explanation:** An IMS monitor record was found without a start event record.

**System Action:** ATF continues normal processing.

**User Response:** None.

**ATF8019E**

**ATF COLLECTOR - END EVENT MISMATCH; SLOG=xx**

**Explanation:** The ATF Collector program detected an end of event SLOG record that does not match the currently started event.

**System Action:** The ATF Manager terminates.

**User Response:** Save the IMS job logs and any dumps that may have occurred.

**ATF8020W**

**ATF COLLECTOR - MAXIMUM NUMBER OF RQES HAVE BEEN USED**

**Explanation:** The ATF Collector cannot handle any more requests.

**System Action:** ATF stops collecting data.

**User Response:** Contact Candle Customer Support.

**ATF8021I**

**ATF COLLECTOR - STORAGE DELETED FOR ATS REQUEST ELEMENTS**

**Explanation:** The ATF Dataspace Manager maintains a pool of reusable Request Queue Elements (RQE). When the number of reusable RQE exceeds 10% of maximum queued requests, the pool is freed.

**System Action:** ATF continues normal processing.

**User Response:** None.
ATF9000E  ATF MANAGER (K12HK\textit{x}0) NOT FOUND
Explanation: During the processing of a /STA ATF command, the ATF Manager module was not found in the STEPLIB for IMS. This could result from an error in the installation of either OMEGAMON or an OMEGAMON PTF that updates the ATF Manager. At least one of the programs (DFSCCMD0) was installed properly, but the ATF Manager modules were not.
System Action: ATF fails to start.
User Response: Check the installation logs for the last OMEGAMON install or PTF update. Insure that the JCLIN procedure to update the modules in the IMS library completed successfully. The module names are:

\begin{itemize}
  \item IMS 5.1.0: K12HKF0
  \item IMS 6.1.0: K12HKG0
  \item IMS 7.1.0: K12HKH0
\end{itemize}

If it did not, check the installation logs to determine the reason, correct it, and rerun the JCLIN procedure. If the installation shows no errors, save the installation logs and the IMS console log. Contact Candle Customer Support.

ATF9001E  ATF MANAGER API MODULE LOAD FAILED
Explanation: The ATF Manager module failed to load into ECSA. The module directory entry was found in STEPLIB, but the MVS LOAD function failed to bring it into storage.
System Action: ATF fails to start.
User Response: Check the validity of the load module in the IMS STEPLIBs. Check the installation logs for the last OMEGAMON install or PTF update. Insure that the JCLIN procedure to update the modules in the IMS library completed successfully. The module names are:

\begin{itemize}
  \item IMS 5.1.0: K12HKF0
  \item IMS 6.1.0: K12HKG0
  \item IMS 7.1.0: K12HKH0
\end{itemize}

If it did not, check the installation logs to determine the reason, correct it, and rerun the JCLIN procedure. If the installation shows no errors, save the installation logs and the IMS console log. Contact Candle Customer Support.
**ATF9002E**  ATF MANAGER ZERO LENGTH MODULE

**Explanation:** The directory entry for the ATF Manager load module indicates zero length.

**System Action:** ATF fails to start.

**User Response:** Check the validity of the load module in the IMS STEPLIBs. Check the installation logs for the last OMEGAMON install or PTF update. Insure that the JCLIN procedure to update the modules in the IMS library completed successfully. The module names are:

- IMS 5.1.0: KI2HKF0
- IMS 6.1.0: KI2HKG0
- IMS 7.1.0: KI2HKH0

If it did not, check the installation logs to determine the reason, correct it, and rerun the JCLIN procedure. If the installation shows no errors, save the installation logs and the IMS console log. Contact Candle Customer Support.

**ATF9003E**  ATF INSUFFICIENT ECSA TO LOAD API MODULE

**Explanation:** The system is low on CSA storage.

**System Action:** ATF fails to start.

**User Response:** Follow your installation procedures for CSA constraint relief. ATF requires approximately 64K of ESCA to operate.

**ATF9004E**  ATF MANAGER SETOPTS BEFORE INIT

**Explanation:** This message represents a programming error.

**System Action:** DC/DBMON fails to start.

**User Response:** Take a console dump of the IMS region with SDATA=(RGN,SUM,SQA,LSQA,SWA,CSA). Save the dump, the IMS listing, and the OMEGAMON console listing, and contact Candle Customer Support.

**ATF9005E**  ATF MANAGER GETOPTS BEFORE INIT

**Explanation:** This message represents a programming error.

**System Action:** DC/DBMON fails to start.

**User Response:** Take a console dump of the IMS region with SDATA=(RGN,SUM,SQA,LSQA,SWA,CSA). Save the dump, the IMS listing, and the OMEGAMON console listing, and contact Candle Customer Support.

**ATF9006E**  ATF MANAGER NOT ACTIVE - IREGISTER

**Explanation:** This message represents a programming error.

**System Action:** ATF fails to start.

**User Response:** Take a console dump of the IMS region with SDATA=(RGN,SUM,SQA,LSQA,SWA,CSA). Save the dump, the IMS listing, and the OMEGAMON console listing, and contact Candle Customer Support.
**ATF9007E**  
**ATF MANAGER NOT ACTIVE - DEREGISTER**  
**Explanation:** This message represents a programming error.  
**System Action:** DC/DBMON fails to stop.  
**User Response:** Take a console dump of the IMS region with SDATA=(RGN,SUM,SQA,LSQA,SWA,CSA). Save the dump, the IMS listing, and the OMEGAMON console listing, and contact Candle Customer Support.

**ATF9008E**  
**ATF MANAGER NOT ACTIVE - TERM**  
**Explanation:** This may or may not be an error. The /STO ATF command may be issued when ATF is not active, to remove CSA storage that was orphaned by a previous termination of IMS while the ATF Manager was active.  
**System Action:** Any ATF Manager storage found in CSA is released.  
**User Response:** If the ATF Manager was active, take a console dump of the IMS region with SDATA=(RGN,SUM,SQA,LSQA,SWA,CSA). Save the dump, the IMS listing, and the OMEGAMON console listing, and contact Candle Customer Support.

**ATF9009E**  
**ATF MANAGER NOT ACTIVE - REGISTER**  
**Explanation:** An OMEGAMON Classic attempted to sign on to the ATF Manager which is not active.  
**System Action:** None.  
**User Response:** Start the ATF Manager.

**ATF9012E**  
**ATF MANAGER NOT ACTIVE - DEREGISTER**  
**Explanation:** The ATF Manager has become inactive while an OMEGAMON ATF was active. This is probably the result of a /STO ATF command being issued from the IMS console.  
**System Action:** The ATF filter is not activated, but the OMEGAMON ATF display functions remain active.  
**User Response:** Take a console dump of the IMS region with SDATA=(RGN,SUM,SQA,LSQA,SWA,CSA). Save the dump, the console listing and the OMEGAMON console listing, and contact Candle Customer Support.

**ATF9013E**  
**ATF MANAGER INVALID ACT ADDRESS**  
**Explanation:** An OMEGAMON Classic attempted to sign on to the ATF Manager and an internal error has been detected.  
**System Action:** A program error has occurred.  
**User Response:** Take a console dump of the IMS region with SDATA=(RGN,SUM,SQA,LSQA,SWA,CSA). Save the dump, the console listing and the OMEGAMON console listing, and contact Candle Customer Support.

**ATF9014W**  
**ATF MANAGER ALREADY ACTIVE - REGISTER**  
**Explanation:** An OMEGAMON Classic attempted to sign on to the ATF Manager and it is already connected.  
**System Action:** None.  
**User Response:** None.
**ATF9015E**  
**ATF MANAGER DETECTED CONNECTION REQUEST EXCEEDED THE NUMBER ALLOWED**  
**Explanation:** More OMEGAMON Classics attempted to sign on to the ATF than can be supported.  
**System Action:** None.  
**User Response:** Increase the ATFNUM value on the next IMS /STA ATF command or change the installation default to a larger value.

**ATF9016E**  
**ATF MANAGER NOT ACTIVE - SETOPTS**  
**Explanation:** The ATF Manager has become inactive while an OMEGAMON ATF was active. This is probably the result of a /STO ATF command being issued from the IMS console.  
**System Action:** The ATF filter is not activated, but the OMEGAMON ATF display functions remain active.  
**User Response:** If the ATF Manager should have been active (no /STO ATF commands have been issued), take a console dump of the IMS region with SDATA=(RGN,SUM,SQA,LSQA,SWA,CSA). Save the dump, the console listing and the OMEGAMON console listing, and contact Candle Customer Support.

**ATF9017E**  
**ATF MANAGER NOT ACTIVE - GETOPTS**  
**Explanation:** The ATF Manager has become inactive while an OMEGAMON ATF was active. This is probably the result of a /STO ATF command being issued from the IMS console.  
**System Action:** The ATF filter is not activated, but the OMEGAMON ATF display functions remain active.  
**User Response:** If the ATF Manager should have been active (no /STO ATF commands have been issued), take a console dump of the IMS region with SDATA=(RGN,SUM,SQA,LSQA,SWA,CSA). Save the dump, the console listing and the OMEGAMON console listing, and contact Candle Customer Support.

**ATF9020I**  
**ATF MANAGER STARTED AN OMEGAMON SESSION CONNECTION**  
**Explanation:** An OMEGAMON Classic has signed on to the ATF Manager and successfully connected.  
**System Action:** None.  
**User Response:** None.

**ATF9100E**  
**ATF CONTROL - POST WITH NO ECB - SDUMP TAKEN**  
**Explanation:** The ATF control program detected an internal error.  
**System Action:** A program error has occurred.  
**User Response:** Save the OMEGAMON logs and dumps. Contact Candle Customer Support with the diagnostic information.

**ATF9103I**  
**ATF CONTROL - WAITING FOR DS TASK TERMINATION**  
**Explanation:** The ATF control program has issued a request to terminate the supporting dataspace.  
**System Action:** None.  
**User Response:** None.
ATF9104W  ATF CONTROL - TERMINATING DS TASK AFTER FIVE MINUTES
Explanation: The ATF control program has not received a response for dataspaces termination and will terminate the task.
System Action: None.
User Response: None.

ATF9120E  ATF CONTROL - ABEND RECOVERY ACTIVE
Explanation: The ATF control program has abended.
System Action: A program error has occurred.
User Response: Save the OMEGAMON logs and dumps. Contact Candle Customer Support with the diagnostic information.

ATF9121E  I2RCV TOKEN CREATE FAILED
Explanation: MVS token service IEANTCR returned a non-zero return code. This message will normally be followed by another error or warning.
System Action: ATF refuses to start.
User Response: Save the console listing and any subsequent dumps. Contact Candle Customer Support.

ATF9122E  I2RCV ATF SETUP FAILED: 33 ATF REGISTRATIONS
Explanation: Recovery Services received more than 32 ATF setup requests without an intervening shutdown request.
System Action: ATF refuses to start.
User Response: Save the console listing and any subsequent dumps. Contact Candle Customer Support.

ATF9123E  TSTAEX FAILED
Explanation: The ESTAEX macro returned a non-zero return code. This message may be followed by another message from the calling OMEGAMON component.
System Action: Recovery Services refuses to start. The component attempting to use Recovery Services will also fail to start.
User Response: Save the console listing and any subsequent dumps. Contact Candle Customer Support.

ATF9124E  I2RCV INIT TWICE WITHOUT TERM
Explanation: The Recovery Services INIT function was called twice by the same ASID/task, without an intervening TERM call. This represents a possible programming error, and may be followed by another message from the calling OMEGAMON component.
System Action: None.
User Response: Save the console listing and any subsequent dumps. Contact Candle Customer Support.
ATF9125E  I2RCV FAILED TO ALLOCATE A PARMBLOK

Explanation: Recovery Services failed to allocate a recovery parameter block due to a storage obtain failure. This represents a possible programming error, and may be followed by another message from the calling OMEGAMON component.

System Action: Recovery Services returns RC=8 to the caller. The calling routine determines the system action.

User Response: Save the console listing and any subsequent dumps. Contact Candle Customer Support.

ATF9126E  I2RCV TERM CALL WITHOUT INIT

Explanation: The Recovery Services TERM function was called without a prerequisite INIT call. This represents a possible programming error, and may be followed by another message from the calling OMEGAMON component.

System Action: Recovery Services returns RC=8 to the caller. The calling routine determines the system action.

User Response: Save the console listing and any subsequent dumps. Contact Candle Customer Support.

ATF9127E  I2RCV SETON REQUEST WHEN NOT REGISTERED

Explanation: The Recovery Services SETON function was called without a prerequisite INIT call. This represents a possible programming error, and may be followed by another message from the calling OMEGAMON component.

System Action: Recovery Services returns RC=8 to the caller. The calling routine determines the system action.

User Response: Save the console listing and any subsequent dumps. Contact Candle Customer Support.

ATF9128E  I2RCV SETOFF REQUEST WHEN NOT REGISTERED

Explanation: The Recovery Services SETOFF function was called without a prerequisite INIT call. This represents a possible programming error, and may be followed by another message from the calling OMEGAMON component.

System Action: Recovery Services returns RC=8 to the caller. The calling routine determines the system action.

User Response: Save the console listing and any subsequent dumps. Contact Candle Customer Support.

ATF9129E  STORAGE OBTAIN FOR WORK AREA FAILED

Explanation: A STORAGE OBTAIN in ECSA failed. The system is running out of ECSA.

System Action: Recovery Services returns RC=8 to the caller. The calling routine determines the system action.

User Response: Check ECSA utilization. If it is full and cannot be cleaned up, stop ATF until the situation is corrected.
**ATF9130W**  
**SDUMP FAILED**  
**Explanation:** Recovery Services attempted to create a SYS1.DUMP, but the SDUMP macro failed. The SDUMP will be issued only if an ABEND has occurred in a task running under Recovery Services.  
**System Action:** None. Recovery Services continues as if the dump request succeeded.  
**User Response:** Check the system log to see why the SDUMP failed. If possible, recreate the error and capture the dump. Contact Candle Customer Support.

**ATF9131I**  
**SDUMP TAKEN**  
**Explanation:** An ABEND occurred in a task running under Recovery Services and Recovery Services captured a SYS1.DUMP file.  
**System Action:** None.  
**User Response:** Save the dump and console listings. Contact Candle Customer Support.

**ATF9132I**  
**RUNNING RECOVERY EXIT**  
**Explanation:** Recovery Services is running the component-supplied recovery routine.  
**System Action:** None  
**User Response:** None.

**ATF9133E**  
**SDWA INDICATES NO RETRY - PERCOLATING ABEND**  
**Explanation:** Recovery Services detected an abend, but the MVS SDWA indicates that a retry is not possible. This normally happens only when the system is low on virtual storage.  
**System Action:** Recovery Services percolates the ABEND to the next level, which is normally the IMS recovery routine.  
**User Response:** Save the dump and console listings. If the ABEND was associated with OMEGAMON, contact Candle Customer Support.

**ATF9135E**  
**IMS USER ABEND DETECTED - PERCOLATING**  
**Explanation:** Recovery Services detected a user ABEND. Since OMEGAMON modules running under Recovery Services do not issue user ABENDs, Recovery Services assumes that this is an IMS ABEND and percolates it to the IMS recovery routine.  
**System Action:** Recovery Services percolates the ABEND to the IMS recovery routine.  
**User Response:** Follow the normal IMS procedures.

**ATF9136E**  
**PERCOLATING ABEND**  
**Explanation:** Recovery Services is percolating an ABEND to the IMS recovery routine.  
**System Action:** None.  
**User Response:** If the ABEND is not an IMS user ABEND, save the console listings and any dumps. Contact Candle Customer Support.
ATF9137I ACT INIT COMPLETE RC=0 xxxxxxxx
Explanation: This informational message tells Candle Customer Support to locate the ATF control table (ACT) in ECSA, if an error/dump occurs.
System Action: None.
User Response: None.

ATF9138E RECOVERY SERVICES INIT FAILED. ATF NOT STARTED.
Explanation: Recovery Services returned RC>4 in response to a setup call. This message is accompanied by another message that gives the reason for the failure.
System Action: ATF refuses to start
User Response: Save the console listings. Contact Candle Customer Support.

ATF9139I ABEND RETRY SUCCESSFUL. ATF DISABLED.
Explanation: An ABEND occurred in an ATF module and Recovery Services successfully intercepted it. All ATF connections to the IMS system are marked terminated.
System Action: None.
User Response: Save the dump and console listings. Contact Candle Customer Support.

ATF9140E ENTRY WITH NO ACT DEFINED
Explanation: An ATF manager function was called without a prerequisite ATF setup, or the MVS services token for the ATF manager cannot be found. The function name is placed in the message. This represents a possible programming error, and may be followed by another message from the calling OMEGAMON component.
System Action: None.
User Response: Save the console listings and any subsequent dumps. Contact Candle Customer Support.

ATF9141E I2RCV FAILED TO INIT. ATF DISABLED
Explanation: Recovery Services returned RC>4 in response to a setup call. ATF is not activated. This message is accompanied by another message that gives the reason for the failure.
System Action: None.
User Response: Save the console listings. Contact Candle Customer Support.

ATF9142E DC MONITOR ADDRESS ZERO IN THE ACT
Explanation: The ACT slot for DCMON indicates that DCMON is active, but the address for the continuation code (DFSMNTR0) is zero. ATF continues processing, but no further SLOG calls are passed to DCMON. This represents a possible programming error, and may be followed by another message from the calling OMEGAMON component.
System Action: None.
User Response: Save the console listings. Contact Candle Customer Support.
ATF9143E  DB MONITOR ADDRESS ZERO IN THE ACT
Explanation: The ACT slot for DBMON indicates that DBMON is active, but the address for the continuation code (DFSDSTA0) is zero. ATF continues processing, but no further SLOG calls are passed to DBMON. This represents a possible programming error, and may be followed by another message from the calling OMEGAMON component.
System Action: None.
User Response: Save the console listings. Contact Candle Customer Support.

AFT9144I  ORPHANED MRCA FOUND - MRCA REALLOCATE
Explanation: During the setup of ATF Recovery Services, an MRCA control block from a previous execution of IMS was detected. The ATF Recovery Services reallocated and initialized the MRCA for the current execution of IMS.
System Action: ATF continues normal processing.
User Response: None.

ATF9145E  STORAGE OBTAIN WORK AREA FAILED
Explanation: A STORAGE OBTAIN in private storage failed. The system is running out of subpool 249.
System Action: Recovery Services returns RC=8 to the caller.
User Response: Check subpool 249 utilization. If it is full and cannot be cleaned up, stop ATF/TRF until the situation is corrected.

ATF9146E  STORAGE RELEASE WORK AREA FAILED
Explanation: A STORAGE RELEASE in private storage failed.
System Action: None.
User Response: If the problem persists, stop ATF/TRF. Take an MVS console dump of the affected address space and contact Candle Customer Support.

BG0001  {BATCH DRIVER|LOGGER|POST PROCESSOR} ACTIVE
Explanation: The message logging facility is active.
System Action: Processing continues.
User Response: None.

BG0002  {BATCH DRIVER|LOGGER|POST PROCESSOR} FILE ACTIVATED:
dataset_name
Explanation: This message identifies the dataset to which the background reporting facility is writing records.
System Action: Processing continues.
User Response: None.

BG0006  {BATCH DRIVER|LOGGER|POST PROCESSOR} SWITCH ACCEPTED
Explanation: The background reporting facility accepted a request to switch files, and is attempting to switch recording to another file.
System Action: If one or more empty log files are available, the background reporting facility switches recording to the file with the lowest ddname. If no empty log files are available, message logging is suspended until one or more files are cleared.
User Response: None.
BG0007  {BATCH DRIVER|LOGGER|POST PROCESSOR} SWITCH PENDING
Explanation: The background reporting facility is in the process of switching recording from one log file to another.
System Action: The background reporting facility continues switch processing.
User Response: None.

BG0008  {BATCH DRIVER|LOGGER|POST PROCESSOR} MESSAGE LOG FILES UNAVAILABLE
Explanation: No log files are available to record messages. Either no valid log files are allocated or all allocated log files contain old records.
System Action: Logging is suspended until one or more allocated log files are cleared with the post processor program (OCBGUTIL) in the archive procedure.
User Response: Process the filled log files with the OCBGUTIL procedure. After the logs are cleared, resume recording messages by issuing a RESUME or SWITCH request.

BG0010  {BATCH DRIVER|LOGGER|POST PROCESSOR} FLUSH TERMINATED
Explanation: The background reporting facility rejected a request to flush buffers because recording was suspended at the time the request was made.
System Action: The request is rejected.
User Response: Use the RESUME command to resume recording messages.

BG0011  {BATCH DRIVER|LOGGER|POST PROCESSOR} FLUSH ACCEPTED
Explanation: The background reporting facility received a request to flush buffers.
System Action: The current I/O buffers are flushed.
User Response: None.

BG0012  {BATCH DRIVER|LOGGER|POST PROCESSOR} FLUSH PENDING
Explanation: The background reporting facility is in the process of flushing I/O buffers.
System Action: Flush processing continues.
User Response: None.

BG0013  {BATCH DRIVER|LOGGER|POST PROCESSOR} INVALID FLUSH INTERVAL IGNORED
Explanation: The background reporting facility received an invalid automatic flush interval parameter. The flush interval should be in the form hh:mm:ss.
System Action: Automatic flush processing terminates.
User Response: Correct the parameter and restart the background reporting facility.

BG0014  {BATCH DRIVER|LOGGER|POST PROCESSOR} LOG FILE FLUSHED
Explanation: The background reporting facility received a request to flush I/O buffers and it has completed flush processing.
System Action: Processing continues.
User Response: None.
BG0019  {BATCH DRIVER|LOGGER|POST PROCESSOR} STARTUP COMPLETE
Explanation: The background reporting facility completed start-up processing and is logging messages.
System Action: The background reporting facility begins to log messages.
User Response: None.

BG0021  {BATCH DRIVER|LOGGER|POST PROCESSOR} STOP ACCEPTED
Explanation: The background reporting facility received a request to stop processing and is terminating.
System Action: The background reporting facility begins shutdown processing.
User Response: None.

BG0022  {BATCH DRIVER|LOGGER|POST PROCESSOR} STOP PENDING
Explanation: The background reporting facility is in the process of stopping.
System Action: The background reporting facility continues shutdown processing.
User Response: None.

BG0024  {BATCH DRIVER|LOGGER|POST PROCESSOR} SHUTDOWN COMPLETE
Explanation: The background reporting facility has completed shutdown processing.
System Action: The background reporting facility terminates normally.
User Response: None.

BG0035  {BATCH DRIVER|LOGGER|POST PROCESSOR} ALREADY SUSPENDED
Explanation: The background reporting facility rejected a request to suspend message logging because logging was already suspended.
System Action: The background reporting facility rejects the suspend request.
User Response: None.

BG0036  {BATCH DRIVER|LOGGER|POST PROCESSOR} SUSPEND ACCEPTED
Explanation: The background reporting facility received a request to suspend message logging.
System Action: The background reporting facility suspends message logging until it receives a request to resume or switch processing. The background reporting facility accumulates messages until its buffers are depleted.
User Response: None.

BG0037  {BATCH DRIVER|LOGGER|POST PROCESSOR} SUSPEND PENDING
Explanation: The background reporting facility is in the process of suspending message logging.
System Action: The background reporting facility continues suspend processing.
User Response: None.
BG0038  {BATCH DRIVER|LOGGER|POST PROCESSOR} MESSAGE LOGGING
ALREADY SUSPENDED
Explanation: The background reporting facility received a request to suspend
message logging, but logging was already suspended.
System Action: The background reporting facility rejects the suspend request
and issues message BG0035.
User Response: None.

BG0039  {BATCH DRIVER|LOGGER|POST PROCESSOR} MESSAGE LOGGING
SUSPENDED
Explanation: The background reporting facility is not logging messages.
System Action: The background reporting facility accumulates records until its
buffers are depleted, then records are lost.
User Response: If logging was suspended because the log files are full, process
the log files with OCBGUTIL. After one or more log files are clear, issue the
RESUME or SWITCH command to begin logging again. If the logging was
suspended because a SUSPEND command was issued, issue the RESUME (to
use the active file) or SWITCH (to activate a new file) command to begin logging
again.

BG0040  {BATCH DRIVER|LOGGER|POST PROCESSOR} RESUME IGNORED
Explanation: The background reporting facility rejected a request to resume
message logging (because logging was not suspended).
System Action: The background reporting facility rejects the request to
resume.
User Response: None.

BG0041  {BATCH DRIVER|LOGGER|POST PROCESSOR} RESUME ACCEPTED
Explanation: The background reporting facility received a request to resume
message logging.
System Action: The background reporting facility attempts to resume message
logging. If logging was suspended due to a suspend request, the background
reporting facility resumes message logging to the active message log file. If logging
was suspended because the active log file was full, the background reporting
facility attempts to activate a log file. If it successfully activates a log file, logging
resumes with the selected file. If it cannot activate a log file, recording remains
suspended.
User Response: None.

BG0042  {BATCH DRIVER|LOGGER|POST PROCESSOR} RESUME PENDING
Explanation: The background reporting facility is in the process of resuming
message logging.
System Action: The background reporting facility continues processing.
User Response: None.
BG0043  {BATCH DRIVER|LOGGER|POST PROCESSOR} MESSAGE LOGGING NOT SUSPENDED
Explanation: The background reporting facility received a request to resume message logging, but message logging was not suspended.
System Action: The background reporting facility rejects the resume request and issues message BG0040.
User Response: None.

BG0044  {BATCH DRIVER|LOGGER|POST PROCESSOR} MESSAGE LOGGING RESUMED
Explanation: The background reporting facility resumed message logging after being suspended.
System Action: The background reporting facility resumes message logging.
User Response: None.

BG0059  {BATCH DRIVER|LOGGER|POST PROCESSOR} MESSAGE LOGGING FACILITY FORCED SHUTDOWN COMPLETE
Explanation: The background reporting facility has completed forced shutdown processing. Forced shutdown occurs as a result of a severe error.
System Action: The background reporting facility terminates.
User Response: None.

BG0070  {BATCH DRIVER|LOGGER|POST PROCESSOR} SHUTDOWN REQUESTED WHILE SUSPENDED
Explanation: The user is unable to stop the message logging facility because logging is suspended and messages are queued.
System Action: The background reporting facility issues this message in conjunction with message BG0071 to prompt the operator for a decision.
User Response: Determine why logging is suspended, and respond to message BG0071.

BG0071  REPLY “WRITE” TO RECOVER RECORDS, OR “QUIT” TO BYPASS
Explanation: This message is issued in conjunction with message BG0070.
System Action: If the user responds “WRITE,” the background reporting facility attempts to recover any queued records prior to shutdown. If the user responds “QUIT,” the background reporting facility bypasses attempts to recover queued records, and those records are lost. Any other response causes message BG0072 to be issued.
User Response: If logging was suspended due to log file depletion, run the archive utility. After it completes, respond “WRITE.” If logging was suspended due to the SUSPEND command, reply “WRITE” to resume recording and shutdown. Only respond with “QUIT” if immediate shutdown is required and the loss of queued records is unimportant.
BG0072  **{BATCH DRIVER|LOGGER|POST PROCESSOR} INVALID RESPONSE:**

*nnnn*

**Explanation:** The user made an invalid response, *nnnn*, to an operator request (WTOR).

**System Action:** The background reporting facility reissues the WTOR.

**User Response:** Correct the response.

BG0078  **{BATCH DRIVER|LOGGER|POST PROCESSOR} STATUS AS OF *yy,ddd hh:mm:ss***

**Explanation:** This is the start of the background reporting facility status display.

**System Action:** The background reporting facility produces several additional messages which describe its status.

**User Response:** None.

BG0079  **{BATCH DRIVER|LOGGER|POST PROCESSOR} END OF STATUS**

**Explanation:** This message marks the end of the background reporting facility status display.

**System Action:** Processing continues.

**User Response:** None.

BG0080  **{BATCH DRIVER|LOGGER|POST PROCESSOR} LOG FILE REACTIVATED**

**Explanation:** This message displays the name of the dataset to which the background reporting facility is writing records. The dataset identified contains some records and was the last active log file.

**System Action:** The dataset becomes the active message log file again.

**User Response:** None.

BG0081  **{BATCH DRIVER|LOGGER|POST PROCESSOR} EXPANDING MESSAGE QUEUE. INCREMENT: *nn***

**Explanation:** The background reporting facility is expanding its internal message buffer queue. This message is for diagnostic purposes only.

**System Action:** The background reporting facility increments its internal message queue by the number indicated in the message.

**User Response:** None.

BG0082  **{BATCH DRIVER|LOGGER|POST PROCESSOR} MESSAGE QUEUE EXPANSION FAILED. RC: *nn***

**Explanation:** The background reporting facility tried to expand its internal message buffer queue but could not.

**System Action:** The internal message queue is not expanded. Messages are lost.

**User Response:** If RC=04, you may want to increase the region size. If RC=08, summary records are logged for the records that would have been lost. If RC>08, a severe internal problem exists. If an RC>08 appears or any other code persists, contact Candle Customer Support.
BG0083 {BATCH DRIVER|LOGGER|POST PROCESSOR} USER HEADER LABEL
ERROR ON FILE: dataset_name
Explanation: Log file initialization was unable to output a user header label for the specified log file. This probably happened because LABEL=SUL did not appear on the DD statement when the log file was allocated.
System Action: OCBGUTIL does not initialize the specified file.
User Response: Ensure that LABEL=SUL appears on the DD statement when you allocate the log file.

BG0084 LOGGER PHASE: nn
Explanation: This message indicates an internal error in the background reporting facility. This is a diagnostic message.
System Action: The background reporting facility terminates.
User Response: Contact Candle Customer Support.

BG0085 LOGGER LOGICAL LOGGER TASK NOT RESPONDING
Explanation: The background reporting facility accumulation task is not responding. This is a diagnostic message.
System Action: Processing continues.
User Response: Contact Candle Customer Support.

BG0086 LOGGER PHYSICAL LOGGER TASK NOT RESPONDING
Explanation: The background reporting facility recording task is not responding. This may happen in the event of severe DASD problems. This is a diagnostic message.
System Action: The background reporting facility switches message logging to another log file. The old log file is disabled.
User Response: If this problem persists and is not due to DASD errors or contention problems, contact Candle Customer Support.

BG0087 {BATCH DRIVER|LOGGER|POST PROCESSOR} LOG FILE UNKNOWN
ERROR: dataset_name
Explanation: An internal error occurred during the selection processing of the specified file by the background reporting facility and/or the post processor.
System Action: Processing of this file terminates. The named file is disabled. Processing continues with the next file.
User Response: Contact Candle Customer Support.

BG0088 {BATCH DRIVER|LOGGER|POST PROCESSOR} VARIABLE MESSAGE TEXT
Explanation: This message contains free form diagnostic text.
System Action: Processing continues.
User Response: Contact Candle Customer Support.
BG0089  {BATCH DRIVER|LOGGER|POST PROCESSOR} ABEND: routine1
         routine2ABENDcode
Explanation: The background reporting facility or the post processor has
countered severe problems. This is a diagnostic message where “routine1” is
the name of the parent task, “routine2” is the name of the subtask, and
“ABENDcode” is the abend code in decimal.
System Action:  The background reporting facility or post processor attempts
to recover. If recovery is not successful, processing terminates.
User Response:  Contact Candle Customer Support.

BG0091  {BATCH DRIVER|LOGGER|POST PROCESSOR} MESSAGE LOG FILE
         SERIALIZATION FAILED: dataset_name
Explanation: When attempting to activate a message log file, the background
reporting facility or post processor was unable to obtain an enqueue for the file
indicated. This happens when the post processor is processing the log file at the
same time the background reporting facility attempts to activate it or when the
post processor attempts to process an active message log file. This may also
happen if multiple collectors attempt to use the same log file at the same time.
System Action:  If the background reporting facility tries to activate the file
while the post processor is processing it, the background reporting facility disables
the file and selects another file. If the post processor tries to process an active
message log file, processing for that file terminates.
User Response:  None.

BG0092  {BATCH DRIVER|LOGGER|POST PROCESSOR} MESSAGE LOG FILE
         UNAVAILABLE FOR USE: dataset_name
Explanation: The background reporting facility or post processor attempted an
enqueue for the indicated file which failed. This may also happen if multiple
collectors are using the same log file.
System Action:  The background reporting facility disables the indicated file or
the post processor terminates processing that file.
User Response:  Ensure that only one message logger or post processor has the
dataset allocated.

BG0093  {BATCH DRIVER|LOGGER|POST PROCESSOR} MESSAGE LOG FILE
         ATTRIBUTE ERROR: dataset_name
Explanation: During the file selection processing in the background reporting
facility and/or the post processor, the message log file indicated was found to have
invalid DCB attributes. The log file attributes must be DSORG=PS, RECFM=FB,
and BLKSIZE must be a multiple of LRECL.
System Action:  The background reporting facility disables the indicated file or
the post processor terminates processing that file.
User Response:  Ensure that the DCB characteristics of the dataset are valid.
BG0094 {BATCH DRIVER|LOGGER|POST PROCESSOR} MESSAGE LOG FILE I/O ERROR dataset_name
Explanation: An I/O error occurred on the log file indicated.
System Action: If the background reporting facility issued the message, the file is disabled and message logging is switched to another file. If the post processor issued the message, processing terminates.
User Response: Ensure that the DASD media is usable. Delete and reallocate the dataset if the post processor is unable to process the dataset.

BG0095 {BATCH DRIVER|LOGGER|POST PROCESSOR} LOG FILE VOLUME ERROR: nn
Explanation: During the background reporting facility or post processor selection processing, the message log file indicated was found to have multiple volumes assigned to it. The background reporting facility does not support multi-volume datasets.
System Action: The background reporting facility disables the indicated file or the post processor terminates post processing of that file.
User Response: Ensure that log files are not multi-volume datasets.

BG0096 {BATCH DRIVER|LOGGER|POST PROCESSOR} LOG FILE REQUIRES INITIALIZATION: dataset_name
Explanation: During file selection processing in the background reporting facility or the post processor, the indicated message log file was not initialized.
System Action: The file is disabled by the background reporting facility. The post processor automatically initializes the file.
User Response: If this message was issued by the background reporting facility, you must initialize the file.

BG0097 {BATCH DRIVER|LOGGER|POST PROCESSOR} LOG FILE FORMAT ERROR: dataset_name
Explanation: During file selection processing in the background reporting facility or the post processor, the indicated message log file was not properly initialized by the post processor.
System Action: The file is disabled by the background reporting facility or it is initialized by the post processor.
User Response: If this message was issued by the background reporting facility, process the file with the post processor to initialize it.

BG0098 {BATCH DRIVER|LOGGER|POST PROCESSOR} ERROR: nn
Explanation: The background reporting facility or post processor encountered a severe error. This is a diagnostic message.
System Action: The background reporting facility or post processor attempts to recover. If it cannot recover, processing terminates.
User Response: Contact Candle Customer Support.
BG0099  {BATCH DRIVER|LOGGER|POST PROCESSOR} MESSAGE LOGGING
FACILITY TERMINATED. REASON CODE: nnnn
Explanation: The background reporting facility is terminating abnormally. This is a diagnostic message.
System Action: The background reporting facility terminates.
User Response: Contact Candle Customer Support.

BG0100  ONLY ONE REPORT TYPE ALLOWED
Explanation: REPORT command only supports one report type at a time.
System Action: The historical reporter stops processing the current command and starts to scan for the next valid command.
User Response: Correct the command and resubmit the job.

BG0101  COMBINE KEYWORD NOT VALID WITH GRAPH
Explanation: For the daily graph, the value is combined at hourly intervals. For the weekly graph, the value is combined every 8 hours. For the monthly graph, the value is combined every 24 hours.
System Action: The historical reporter stops processing the current command and starts to scan for the next valid command.
User Response: Correct the command and resubmit the job.

BG0102  GRAPH AND MAXSCALE ARE INVALID FOR THIS REPORT
Explanation: This report type does not support the graph or maxscale options.
System Action: The historical reporter stops processing the current command and starts to scan for the next valid command.
User Response: Correct the command and resubmit the job.

BG0103  REPORT TYPE MISSING
Explanation: Report type is required for REPORT command.
System Action: The historical reporter stops processing the current command and starts to scan for the next valid command.
User Response: Correct the command and resubmit the job.

BG0104  xxxxxxxx INVALID WITH xxxxxxxx REPORT
Explanation: The specified option is invalid with selected report.
System Action: The historical reporter stops processing the current command and starts to scan for the next valid command.
User Response: Correct the command and resubmit the job.

BG0105  INVALID KEYWORD FOR CONTROL COMMAND
Explanation: An invalid keyword was entered with the CONTROL command.
System Action: The historical reporter stops processing the current command and starts to scan for the next valid command.
User Response: Correct the keyword and resubmit the job.
BG0106 DAILY, WEEKLY, AND MONTHLY ARE MUTUALLY EXCLUSIVE
Explanation: You can only use one of the daily, weekly, or monthly keywords at a time.
System Action: The historical reporter stops processing the current command and starts to scan for the next valid command.
User Response: Correct the command and resubmit the job.

BG0107 MERGE AND NOSORT OPTIONS ARE MUTUALLY EXCLUSIVE
Explanation: The combination of the MERGE and NOSORT keywords is not allowed.
System Action: The historical reporter bypasses processing this report.
User Response: Change MERGE to NOMERGE, or change NOSORT to SORT, and rerun the reporter for the bypassed report.

BG0200 GROUP ID EXCEEDS 8 CHARACTERS IN COLUMN n
Explanation: The name for the group exceeds 8 characters.
System Action: Command processing stops.
User Response: Correct the command and resubmit the job.

BG0201 GROUP MEMBER NAME OR SUBNAME IS INCORRECT LENGTH IN COLUMN n
Explanation: The string for the member name was too long for this group type.
System Action: Command processing stops.
User Response: Correct the command and resubmit the job.

BG0202 TERMINAL GROUP MEMBER NAME MISSING REQUIRED SUBNAME
Explanation: A member definition for a terminal group consists of the originating network name, originating VTAM® applid, the VTAM network name, and the CICS terminal ID. One of these was omitted.
System Action: The historical reporter stops processing the current command and starts to scan for the next valid command.
User Response: Correct the command and resubmit the job.

BG0210 CANNOT REPORT - NO DEFINED GROUPS FOR THE TYPE IN COLUMN n
Explanation: A report was requested for a group type which has no groups defined.
System Action: The historical reporter stops processing the current command and starts to scan for the next valid command.
User Response: Use the SET command to define the group before reporting on it.

BG0211 CANNOT REPORT - UNDEFINED GROUP IN COLUMN n
Explanation: A report was requested for a group which was not defined, although there are some groups defined in this group type.
System Action: The historical reporter stops processing the current command and starts to scan for the next valid command.
User Response: Use the SET command to define the group before reporting on it or change the name of the group to one that has been defined.
BG0212  GROUP ID NOT PROVIDED IN COLUMN $n$
Explanation: A report was requested for a group type, but not a specific group.
System Action: The background reporting facility ignores the command.
User Response: Correct the command to show the group or groups that should go into the report.

BG0220  CANNOT CLEAR - NO GROUPS OF THIS TYPE ARE DEFINED
Explanation: A request was made to clear a group or groups for a group type in which no groups have been defined.
System Action: Command processing stops.
User Response: Correct the command to show the group or groups which should be cleared.

BG0221  CANNOT CLEAR - UNDEFINED GROUP IN COLUMN $n$
Explanation: A request was made to clear a group which was not defined for this group type.
System Action: Command processing stops.
User Response: Correct the group or the group type to show which group should be cleared.

BG0300  INTERNAL ERROR - ELB CONTAINS INVALID DATA
Explanation: A control block relating to exception filtering was overlaid.
System Action: Command processing stops.
User Response: Contact Candle Customer Support.

BG0301  STORAGE EXCEPTION LIMIT REQUIRES UNITS IN K IN COLUMN $n$
Explanation: Storage exception criteria must be defined in megabytes or kilobytes.
System Action: Command processing stops.
User Response: Correct the command and resubmit the job.

BG0302  THIS EXCEPTION LIMIT REQUIRES A UNIT OF TIME IN COLUMN $n$
Explanation: You must specify the limit for this exception criterion in some unit of time (S - seconds, M - minutes, H - hours.).
System Action: Command processing stops.
User Response: Correct the command and resubmit the job.

BG0303  THIS EXCEPTION LIMIT REQUIRES NO UNITS INDICATION IN COLUMN $n$
Explanation: This exception criterion should be specified as a pure count.
System Action: Command processing stops.
User Response: Correct the command and resubmit the job.

BG0400  ERROR IN PREPROCESS SORT/COPY - TERMINATING REPORT
Explanation: An internal error occurred in building the data for the report.
System Action: Report processing stops.
User Response: Contact Candle Customer Support.
BG0401 I/O ERROR IN PREPROCESS - TERMINATING REPORT
Explanation: An I/O error occurred in building the data for the report.
System Action: Report processing stops.
User Response: Contact Candle Customer Support.

BG0402 COMPRESSION ERROR IN BGPREP - TERMINATING REPORT
Explanation: The reporter encountered an internal error while compressing data records.
System Action: Report processing is bypassed.
User Response: Contact Candle Customer Support.

BG0403 DECOMPRESSION ERROR IN BGPREP - TERMINATING REPORT
Explanation: The reporter encountered an internal error while decompressing data records.
System Action: Report processing is bypassed.
User Response: Contact Candle Customer Support.

BG0500 UNABLE TO OPEN FILE DDNAME cccccc
Explanation: The file specified could not be opened for processing.
System Action: Report processing stops.
User Response: Contact Candle Customer Support.

BG0501 UNABLE TO CLOSE FILE DDNAME cccccc
Explanation: The file specified could not be closed.
System Action: Report processing stops.
User Response: Contact Candle Customer Support.

BG0502 UNABLE TO READ FROM FILE DDNAME cccccc
Explanation: While reading from the specified file, an error was encountered.
System Action: Report processing stops.
User Response: Contact Candle Customer Support.

BG0503 UNABLE TO WRITE TO FILE DDNAME cccccc
Explanation: While writing to the specified file, an error was encountered.
System Action: Report processing stops.
User Response: Contact Candle Customer Support.

BG0504 UNABLE TO READ THE INPUT FILE
Explanation: An I/O error occurred while the reporter was reading the input file.
System Action: The historical reporter closes the file and continues to process any other available input files.
User Response: Contact Candle Customer Support.

BG0510 DD STATEMENT MISSING FOR FILE cccc
Explanation: A DD statement is missing in the JCL for the specified file.
System Action: Report processing stops.
User Response: Contact Candle Customer Support.
REPORT CANCELLED DUE TO UNRECOVERABLE ERROR - SEE JOBLOG

Explanation: An unrecoverable error occurred during report processing.
System Action: Report processing stops.
User Response: Save the job log, report contents, and any system messages. More explanatory error messages will be written on the job log.

UNRECOVERABLE ERROR WHILE PROCESSING REPORT cccccccc

Explanation: An unrecoverable error occurred during report processing.
System Action: Report processing stops.

INTERNAL ERROR OCCURRED CODE= xxx

Explanation: An unrecoverable error occurred during report processing.
System Action: Report processing stops.

ERROR IN SORT PROCESS - TERMINATING REPORT

Explanation: An internal error occurred in sorting the data for the report.
System Action: Report processing stops.
User Response: Examine the error log for system messages and contact Candle Customer Support.

I/O ERROR IN SORT PROCESS - TERMINATING REPORT

Explanation: An I/O error occurred in sorting the data for the report.
System Action: Report processing stops.
User Response: Examine the error log for system messages and contact Candle Customer Support.

ERROR BGNSORT TERMINATING REPORT

Explanation: This error occurs if you included the NOSORT option on a REPORT command and an internal error occurred while processing the REPORT command.
System Action: Report processing stops. The system generates message BG0600 after this message.
User Response: Take the actions suggested by message BG0600.

DECOMPRESSION ERROR IN BGNSORT - TERMINATING REPORT

Explanation: The historical reporter encountered an internal error while decompressing data records.
System Action: Report processing is bypassed.
User Response: Contact Candle Customer Support.
**BG0705** DECOMPRESSION ERROR IN BGSORT - TERMINATING REPORT  
**Explanation:** The historical reporter encountered an internal error while decompressing data records.  
**System Action:** Report processing is bypassed.  
**User Response:** Contact Candle Customer Support.

**BG0708** FATAL ERROR IN SORT PROCESS - TERMINATING REPORT  
**Explanation:** An internal error occurred in sorting the data for the report.  
**System Action:** Report processing stops.  
**User Response:** Examine the error log for system messages and contact Candle Customer Support.

**BG0750** DATA DECOMPRESSION ERROR OCCURRED DURING EXIT 15 PROCESSING  
**Explanation:** One or more errors occurred when the historical reporter attempted to decompress data records.  
**System Action:** BGSORT15 continues until all records have been processed, at which time messages BG0751 and BG0752 are written to the log.  
**User Response:** A small quantity of error records may be acceptable to you. If not, contact Candle Customer Support.

**BG0751** RECORDS PROCESSED = nnnnnn  
**Explanation:** Message indicates the total number of records processed by BGSORT15. This message is written when a data compression error occurs. Message BG0752 will also appear.  
**System Action:** Processing continues.  
**User Response:** A small quantity of error records may be acceptable to you. If not, contact Candle Customer Support.

**BG0752** RECORDS WITH DECOMPRESSION ERRORS = xxxxxx  
**Explanation:** Message indicates the total number of records in which decompression errors occurred.  
**System Action:** Processing continues.  
**User Response:** A small quantity of error records may be acceptable to you. If not, contact Candle Customer Support.

**BG0753** UNRECOVERABLE ERROR OCCURRED IN SORT EXIT 15 PROCESSING  
**Explanation:** BGSORT15 was unable to continue processing.  
**System Action:** Processing terminates with abend U1500, and a dump is produced.  
**User Response:** Contact Candle Customer Support.
BG0760  DATA COMPRESSION ERROR OCCURRED DURING EXIT 35 PROCESsing
Explanation: One or more errors occurred when the historical reporter attempted to compress data records. BGSORT35 continues until all records have been processed, at which time return code 16 and messages BG0761 and BG0762 are written to the log.
System Action: Processing continues.
User Response: A small quantity of error records may be acceptable to you. If not, contact Candle Customer Support.

BG0761  RECORDS PROCESSED = nnnnnn
Explanation: nnnnnn is the total number of records processed by BGSORT35. This message is written when a data compression error occurs. Return code 16 and message BG0762 will also appear.
System Action: Processing continues.
User Response: A small quantity of error records may be acceptable to you. If not, you may want to contact Candle Customer Support.

BG0762  RECORDS WITH COMPRESSION ERRORS = nnnnnn
Explanation: The total number of records for which compression errors occurred. Return code 16 and message BG0761 will also appear.
System Action: Processing continues.
User Response: Contact Candle Customer Support.

BG0763  UNRECOVERABLE ERROR OCCURRED IN SORT EXIT 35 PROCESSING
Explanation: BGSORT35 was unable to continue processing.
System Action: Processing terminates with abend U3500, and a dump is produced.
User Response: Contact Candle Customer Support.

BG0900  NO TRANSACTION DATA WAS PROCESSED
Explanation: No data fit the specified report type and data selection criteria.
System Action: No report is produced and the job output reflects zero records selected.
User Response: Change the report type and/or data selection criteria.

BG0901  NO SYSTEM DATA WAS PROCESSED
Explanation: No system records were present in the input file.
System Action: No system data will be printed on this report.
User Response: None. System records were not present in the input file.

BG0902  NO MATCHING DATA RECORDS FOUND
Explanation: There were no records processed in the input stream that match the report request.
System Action: No records are processed.
User Response: Verify that data exists for this report or modify the report request.
BG0903  NO MATCHING SYSTEM RECORDS FOUND
Explanation: No records processed in the input file match the report request.
System Action: No system reports are processed.
User Response: None.

BG1100  {BATCH DRIVER|LOGGER|POST PROCESSOR} LOG FILE AVAILABLE:
dataset_name
Explanation: The indicated log file is empty. No further processing is done for this file.
System Action: The background reporting facility bypasses processing for this file.
User Response: None.

BG1101  {BATCH DRIVER|LOGGER|POST PROCESSOR} LOG FILE INPUT DSN:
dataset_name
Explanation: The post processor selects the indicated log file for processing.
System Action: The post processor copies the data to the archive file, clears the file by writing null records, and updates the header label to indicate the file was processed.
User Response: None.

BG1102  {BATCH DRIVER|LOGGER|POST PROCESSOR} ARCHIVE OUTPUT DSN:
dataset_name
Explanation: The post processor uses the indicated output file to archive (copy) the log file.
System Action: The post processor selects the indicated file for processing.
User Response: None.

BG1103  {BATCH DRIVER|LOGGER|POST PROCESSOR} LOG FILE COPY IN PROGRESS
Explanation: The post processor is starting the process of copying data records from the dataset identified in message BG1101 to the dataset identified in message BG1102.
System Action: The post processor begins the copying process.
User Response: None.

BG1105  {BATCH DRIVER|LOGGER|POST PROCESSOR} LOG FILE RESET IN PROGRESS
Explanation: The post processor is starting the process of clearing the dataset identified in message BG1110.
System Action: The post processor begins the log file initialization process.
User Response: None.
BG1107 {BATCH DRIVER|LOGGER|POST PROCESSOR} LOG FILE COPY COMPLETE
Explanation: The post processor completed the process of copying records from the dataset identified in message BG1101 to the dataset identified in message BG1102.
System Action: The post processor initializes the log file.
User Response: None.

BG1109 {BATCH DRIVER|LOGGER|POST PROCESSOR} LOG FILE RESET COMPLETE
Explanation: The post processor completed the process of clearing records from the dataset identified in message BG1101.
System Action: The post processor proceeds to the next file.
User Response: None.

BG1110 {BATCH DRIVER|LOGGER|POST PROCESSOR} LOG FILE RESET DSN: dataset_name
Explanation: The post processor is about to clear the log file indicated.
System Action: The post processor clears the log file.
User Response: None.

BG1111 {BATCH DRIVER|LOGGER|POST PROCESSOR} LOG FILE ACTIVE, COPY TERMINATED
Explanation: The logging facility is currently using this log file. Therefore, the post processor cannot copy records from it.
System Action: The post processor terminates the copying process. This is a normal situation.
User Response: None. This is an informational message only.

BG1113 {BATCH DRIVER|LOGGER|POST PROCESSOR} LOG FILE ACTIVE, RESET TERMINATED
Explanation: The background reporting facility is currently using this log file. Therefore, the post processor cannot clear it.
System Action: The post processor terminates the clearing process.
User Response: None.

BG1114 {BATCH DRIVER|LOGGER|POST PROCESSOR} OUTPUT DDNAME ABSENT, PROCESSING TERMINATED
Explanation: The post processor is terminating because it cannot find an output (archive) file ddname.
System Action: The post processor terminates processing.
User Response: Check the post processor JCL to ensure that the ARCHIVE DD statement is present.
<table>
<thead>
<tr>
<th>Message ID</th>
<th>Description</th>
<th>Explanation</th>
<th>System Action</th>
<th>User Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>BG1120</td>
<td>{BATCH DRIVER</td>
<td>LOGGER</td>
<td>POST PROCESSOR} OUTPUT FILE ACTIVE, PROCESSING TERMINATED</td>
<td>The post processor is terminating because an enqueue for the output (archive) file failed.</td>
</tr>
<tr>
<td>BG1121</td>
<td>{BATCH DRIVER</td>
<td>LOGGER</td>
<td>POST PROCESSOR} LOG FILE I/O ERROR, COPY TERMINATED</td>
<td>The post processor is terminating the process of copying records from the dataset indicated in message BG1101 because of an I/O error on the input log file.</td>
</tr>
<tr>
<td>BG1122</td>
<td>{BATCH DRIVER</td>
<td>LOGGER</td>
<td>POST PROCESSOR} OUTPUT FILE I/O ERROR, COPY TERMINATED</td>
<td>The post processor is terminating the process of copying records to the dataset indicated in message BG1102 because of an I/O error on the output (archive) log file.</td>
</tr>
<tr>
<td>BG1124</td>
<td>{BATCH DRIVER</td>
<td>LOGGER</td>
<td>POST PROCESSOR} OUTPUT FILE SPACE EXHAUSTED, COPY TERMINATED</td>
<td>The post processor is terminating the process of copying records to the dataset indicated in message BG1102 because the output (archive) file is out of space.</td>
</tr>
<tr>
<td>BG1126</td>
<td>{BATCH DRIVER</td>
<td>LOGGER</td>
<td>POST PROCESSOR} LOG FILE COPY FAILED. REASON CODE: nn</td>
<td>The process of copying records to the dataset indicated in message BG1101 has failed.</td>
</tr>
</tbody>
</table>
BG1128 {BATCH DRIVER|LOGGER|POST PROCESSOR} LOG FILE RESET FAILED. REASON CODE: \( nn \)
Explanation: The process of clearing the dataset indicated in message BG1101 failed.
System Action: The post processor terminates.
User Response: Delete and reallocate the log file. If the problem persists, contact Candle Customer Support.

BG1129 {BATCH DRIVER|LOGGER|POST PROCESSOR} LOG FILE RESET BYPASSED. REASON CODE: \( nn \)
Explanation: The process of clearing the dataset indicated in message BG1101 failed.
System Action: The post processor terminates.
User Response: Delete and reallocate the log file. If the problem persists, contact Candle Customer Support.

BG1130 {BATCH DRIVER|LOGGER|POST PROCESSOR} NO FULL OR PARTIALLY FULL LOG FILE EXISTS
Explanation: The post processor found no data in any of the log files.
System Action: The post processor terminates.
User Response: None.

BG1131 {BATCH DRIVER|LOGGER|POST PROCESSOR} UNABLE TO OPEN ARCHIVE FILE. PROCESSING TERMINATED.
Explanation: The post processor was unable to open the output (archive) file.
System Action: The post processor terminates.
User Response: Check the JCL. If it is correct, delete and reallocate the archive file. If the problem persists, contact Candle Customer Support.

BG1132 {BATCH DRIVER|LOGGER|POST PROCESSOR} ARCHIVE FILE ATTRIBUTE ERROR. PROCESSING TERMINATED.
Explanation: The output (archive) file had invalid DCB attributes. The DCB attributes should be DSORG=PS, RECFM=FB, and BLKSIZE a multiple of LRECL.
System Action: The post processor terminates.
User Response: Ensure that the DCB characteristics of the archive file are valid.

BG1133 {BATCH DRIVER|LOGGER|POST PROCESSOR} WARNING: ARCHIVE FILE IS NOT A GENERATION DATA GROUP
Explanation: The output archive file is not a generation data group.
System Action: Processing continues, and the archive file is used.
User Response: Use generation data groups for the output archive files.

BG1201 {BATCH DRIVER|LOGGER|POST PROCESSOR} RECORDS READ: \( nn \)
Explanation: This message indicates the total number of records read from all processed log files by the post processor.
System Action: Processing continues.
User Response: None.
BG1202 {BATCH DRIVER|LOGGER|POST PROCESSOR} RECORDS WRITTEN: nn
Explanation: This message indicates the total number of records written to the output (archive) file by the post processor.
System Action: Processing continues.
User Response: Ensure that the number of records written equals the number of records read (see message BG1201). If it does not, examine the previous messages to determine the source of the discrepancy. See also message BG1212 to check if any copies were terminated.

BG1203 {BATCH DRIVER|LOGGER|POST PROCESSOR} DATA COMPRESSION HAS BEEN SUPPRESSED
Explanation: This message indicates that data compression was suppressed via parm options; records written to the archive file will not be compressed.
System Action: Processing continues.
User Response: None.

BG1204 {BATCH DRIVER|LOGGER|POST PROCESSOR} DATA COMPRESSION IS ACTIVE
Explanation: This message indicates that records written to the archive file will be compressed.
System Action: Processing continues.
User Response: None.

BG1205 {BATCH DRIVER|LOGGER|POST PROCESSOR} % DATA COMPRESSED: nn
Explanation: This message indicates the percentage of savings achieved due to data compression on the archive file.
System Action: Processing continues.
User Response: None.

BG1210 {BATCH DRIVER|LOGGER|POST PROCESSOR} COPIES ATTEMPTED: nn
Explanation: This message indicates the total number of log files which were selected for copy to the output (archive) file by the post processor.
System Action: Processing continues.
User Response: Ensure that the number of copies attempted equals the number of copies completed (see message BG1211). If it does not, examine the previous messages to determine the source of the discrepancy. See also message BG1212 to check if any copies were terminated.

BG1211 {BATCH DRIVER|LOGGER|POST PROCESSOR} COPIES COMPLETED: nn
Explanation: This message indicates the total number of log files which were successfully copied to the output (archive) file.
System Action: Processing continues.
User Response: Ensure that the number of copies completed equals the number of copies attempted (see message BG1210). If it does not, examine the previous messages to determine the source of the discrepancy. See also message BG1212 to check if any copies were terminated.
BG1212 {BATCH DRIVER|LOGGER|POST PROCESSOR} COPIES TERMINATED: \( nn \)
Explanation: This message indicates the total number of log files for which copies to the output (archive) file were unsuccessfully terminated by the post processor.
System Action: Processing continues.
User Response: If the number of copies terminated is greater than zero, examine the previous messages to determine the reason the copies were terminated.

BG1213 {BATCH DRIVER|LOGGER|POST PROCESSOR} COPIES BYPASSED: \( nn \)
Explanation: This message indicates the total number of log files for which copies to the output (archive) file were bypassed by the post processor.
System Action: Processing continues.
User Response: If the number of copies bypassed is greater than zero, examine the previous messages to determine why the copies were bypassed.

BG1220 {BATCH DRIVER|LOGGER|POST PROCESSOR} RESETS ATTEMPTED: \( nn \)
Explanation: This message indicates the total number of log files that were selected to be cleared by the post processor.
System Action: Processing continues.
User Response: Ensure that the number of resets attempted equals the number of resets completed (see message BG1221). If it does not, examine the previous messages to determine the source of the discrepancy. See also message BG1222 to check if any resets were terminated.

BG1221 {BATCH DRIVER|LOGGER|POST PROCESSOR} RESETS COMPLETED: \( nn \)
Explanation: This message indicates the total number of log files which were reset successfully by the post processor.
System Action: Processing continues.
User Response: Ensure that the number of resets completed equals the number of resets attempted (see message BG1220). If it does not, examine the previous messages to determine the source of the discrepancy. See also message BG1222 to check if any resets were terminated.

BG1222 {BATCH DRIVER|LOGGER|POST PROCESSOR} RESETS TERMINATED: \( nn \)
Explanation: This message indicates the total number of log files for which resets were unsuccessfully terminated by the post processor.
System Action: Processing continues.
User Response: Examine the previous messages to determine the reason the resets were terminated.
BG1223  {BATCH DRIVER|LOGGER|POST PROCESSOR} RESETS BYPASSED: nn
Explanation: This message indicates the total number of log files for which
resets were bypassed.
System Action: Processing continues.
User Response: Examine the previous messages to determine why resets were
bypassed.

BG801  nn INVALID RECORDS FOUND - PERFORMANCE DATA FOR
NON-NUMERIC TASK NUMBERS ARE NOT PROCESSED.
Explanation: Unusable records were found in the log file.
System Action: The historical reporter continues to the next record.
User Response: If the number of unusable records is significant, contact
Candle Customer Support.

BGSAS1  DDNAME MISSING FROM JCL
Explanation: The ddname specified on the INFILE statement is either invalid or
missing from the jobstep JCL.
System Action: SAS® stops processing the data step.
User Response: Correct or include the ddname and rerun the job.

BGSAS2  EPILOGC NOT SUPPORTED WITH “FILE”
Explanation: The request was made that the EPILOGC exit be driven from a
FILE statement (an output statement). This exit is only valid on an INFILE
statement.
System Action: SAS stops processing the data step.
User Response: Correct your SAS program, specifying the exit name on
INFILE statements only.

BGSAS3  OPEN FAILURE FOR FILE
Explanation: The file specified on the INFILE statement could not be opened
for a reason other than a missing DD statement.
System Action: SAS stops processing the data step.
User Response: Refer to the job log for specific messages related to the open
failure. These messages are produced by the operating system.

BGSAS4  UNEXPECTED ERROR DURING DECOMPRESSION
Explanation: While converting a record from variable- to fixed-length form, the
decompression routine experienced an unrecoverable error.
System Action: SAS stops processing the data step.
User Response: Contact Candle Customer Support.

BGSMF001  UNABLE TO OPEN FILE. DDNAME = cccccccc
Explanation: The specified file could not be opened for processing.
System Action: Conversion processing terminates, producing a return code
of 8.
User Response: Verify the JCL statements in the conversion job, and check the
message log for additional information.
User Response: Contact Candle Customer Support.
<table>
<thead>
<tr>
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<tr>
<td>BGSMF002</td>
<td>NO VALID RECORDS WERE READ</td>
<td>There were no valid CICS type 110 monitoring performance class records and no valid system records in the unloaded SMF file.</td>
<td>Conversion processing terminates, producing a return code of 8.</td>
<td>Check the control statement that contains the input file definition; be sure that the correct file is being read. Verify that the CICS monitoring facility was active.</td>
</tr>
<tr>
<td>BGSMF003</td>
<td>NO VALID RECORDS WERE SELECTED</td>
<td>CICS type 110 monitoring performance class records and/or system records were read from the unloaded SMF file, but none were selected.</td>
<td>Conversion processing terminates, producing a return code of 8.</td>
<td>Check the conversion job; be sure that the INCLUDE, EXCLUDE, DATE, and TIME control statements do not result in excluding all data.</td>
</tr>
<tr>
<td>BGSMF004</td>
<td>INSUFFICIENT STORAGE TO PROCESS DATA</td>
<td>While the conversion utility is processing, it keeps a CICS type 110 dictionary record in storage for each APPLID. If your data includes many CICS regions, the work space required can become significantly large.</td>
<td>Conversion processing terminates, producing a return code of 8 and a dump.</td>
<td>Increase the amount of storage available, if possible. If not, contact Candle Customer Support.</td>
</tr>
<tr>
<td>BGSMF005</td>
<td>A DICTIONARY RECORD WAS READ THAT WAS NOT CREATED BY CICS 3.1</td>
<td>The unloaded SMF file contains an invalid CICS type 110 dictionary record.</td>
<td>Conversion processing terminates, producing a return code of 8 and a dump.</td>
<td>Check that the unloaded SMF file was produced by CICS 3.1 and not by a previous release of CICS.</td>
</tr>
<tr>
<td>BGSMF006</td>
<td>INCOMING PERFORMANCE RECORD HAS NO DATA SECTION</td>
<td>A defective record was read from the unloaded SMF file.</td>
<td>Conversion processing terminates, producing a return code of 8 and a dump.</td>
<td>Contact Candle Customer Support.</td>
</tr>
</tbody>
</table>
BGSMF007 INCOMING PERFORMANCE RECORD HAS NO DICTIONARY RECORD
FOR APPLID = ccccccccc
Explanation: The historical reporter conversion utility requires a CICS type 110
dictionary record for each APPLID processed.
System Action: Conversion processing terminates, producing a return code
of 8.
User Response: Check that the required dictionary record is at the top of the
unloaded SMF file. The DATE/TIME control statements in the conversion job
may be excluding the dictionary record. Instructions for inserting a dictionary record at
the top of an unloaded SMF file are included in the OMEGAMON II for CICS
Reference Manual, in the chapter about SMF data conversion.

BGSMF008 INTERNAL ERROR OCCURRED WHILE PROCESSING INCOMING
PERFORMANCE RECORD
Explanation: The historical reporter conversion utility detected an error while
processing data from the unloaded SMF file.
System Action: Conversion processing terminates, producing a return code of
8 and a dump.
User Response: Contact Candle Customer Support.

BGSMF009 FIELD xxxxxxxx for APPLID ccccccccc WAS EXCLUDED FROM
COLLECTION. FIELD WILL BE SET TO BLANK OR ZERO.
Explanation: The field name that appears in this message is usually a field name
used in the CICS type 110 dictionary record. The field name can also be the
name of one of two areas of the Candle-supplied portion of the user extension of
the SMF record. In this case, it is either OMEGBSC (no umbrella, 4GL, third-party
database, and GMT offset data were collected), or OMEGDLI (no DL/1 data was
collected).
Data from the specified field or area should appear on one or more historical
reports. Since the field was excluded from collection and is not available for the
reports, zeros or blanks will appear in this area of the report(s).
System Action: This message is generated for information purposes only.
Conversion processing continues.
User Response: Be certain that you want the specified field to be excluded
from data collection. Data collection is discussed in the OMEGAMON II for CICS
Configuration and Customization Guide.

BGSMF010 AS OMEGBSC WAS EXCLUDED, ALL THE REPORT TIME DISPLAYS
WILL BE IN GMT TIME
Explanation: Your installation customized OMEGAMON II for CICS data
collection so that the GMT offset was not collected and written to the SMF
dataset. Therefore, all date and time displays on reports will show GMT time, not
local time.
System Action: This message is generated for information purposes only.
Conversion processing continues.
User Response: Be certain that you want the specified record area to be
excluded from data collection.
BGSMF011  THE DICTIONARY CONNECTOR  xx FOR APPLID  cccccccc IS NOT DEFINED
Explanation:  The specified connector was found for an APPLID on a CICS type 110 monitoring performance class record, but no matching connector was found on the CICS type 110 dictionary record.
System Action:  Conversion processing terminates, producing a return code of 8 and a dump.
User Response:  Check that the unloaded SMF file contains a valid dictionary record. Instructions for inserting a dictionary record at the top of an unloaded SMF file are included in the Historical Reporter section of the OMEGAMON II for CICS Reference Manual, in the chapter about SMF data conversion. Contact Candle Customer Support if necessary.

BGSMF012  DUPLICATE DATA FOR CANDLE BASIC SEGMENT HAS BEEN COLLECTED FOR APPLID  cccccccc
Explanation:  Both the OMEGBSC EMP and one or more individual fields that make up the segment have been used.
System Action:  This message is generated for information purposes only. Conversion processing continues.
User Response:  Choose either the OMEGBSC or selective method of collecting the data, not both.

BGSMF013  MISSING ELEMENTS FROM CANDLE BASIC SEGMENT DATA FOR APPLID  cccccccc FIELDS WILL BE SET TO BLANK OR ZERO
Explanation:  Some elements required by the reporter are missing from the CICS type 110 dictionary record.
Data from the Candle basic segment will appear on one or more historical reports. Since some fields were not included for collection and are not available for the reports, zeros or blanks will appear in this area of the reports.
System Action:  This message is generated for information purposes only. Conversion processing continues.
User Response:  Determine whether the missing elements are required for your site.

BGSMF020  PREVIOUS CONTROL STATEMENT IS INVALID
Explanation:  The control statement that appears immediately before this error message is not valid.
System Action:  Conversion processing terminates, producing a return code of 8.
User Response:  Edit the conversion job, correct the error on the specified control statement, and submit the job again.
BGSMF021  INCLUDE AND EXCLUDE ARE MUTUALLY EXCLUSIVE FOR APPLID
Explanation: The conversion job contains both INCLUDE and EXCLUDE control statements. You can use either an INCLUDE or an EXCLUDE statement (but not both) in a single run of the conversion job.
System Action: Conversion processing terminates, producing a return code of 8.
User Response: Remove either the INCLUDE or the EXCLUDE statement from the conversion job, and submit the job again.

BMP001  BCMD IS VALID IN I2 ENVIRONMENT ONLY
Explanation: An OMEGAMON BCMD command was entered when the installation is not licensed for OMEGAMON II for IMS.
System Action: The system ignores this command.
User Response: The IMS command BMP is only available to OMEGAMON II for IMS licensees. Contact Candle Corporation for licensing and sales information. If you are already licensed for OMEGAMON II for IMS, call Candle Customer Support for assistance.

BMP002  IMS COMMAND IS TOO SHORT
Explanation: You entered an IMS command that is not valid because it is less than 3 characters long.
System Action: The system ignores this command.
User Response: Re-enter the IMS command.

BMP003  IMS COMMAND IS TOO LONG (MUST BE < 112 CHARS)
Explanation: You entered an IMS command that is more than 112 characters long. There is an MVS restriction on the length of WTOR.
System Action: The system ignores this command.
User Response: Re-enter the IMS command.

BMP004  INTERNAL COMMAND SYNTAX ERROR
Explanation: The system encountered an internal command with incorrect syntax.
System Action: The system ignores this internal command.
User Response: Call Candle Customer Support.

BMP005  INTERNAL ERROR—BAD SECURITY KEY
Explanation: The system encountered a command with incorrect syntax.
System Action: The system ignores this internal command.
User Response: Call Candle Customer Support.

BMP006  IMS COMMAND BUFFER GETMAIN FAILED
Explanation: The system could not obtain storage for the buffer it needed to pass the IMS command to the IMS command BMP.
System Action: The system ignores this IMS command.
User Response: Stop the OMEGAMON address space and restart it with a larger region size.
<table>
<thead>
<tr>
<th>Code</th>
<th>Message Description</th>
<th>Explanation</th>
<th>System Action</th>
<th>User Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMP007</td>
<td><strong>IMS COMMAND SUBMITTED VIA WTOR INTERFACE</strong></td>
<td>You entered an IMS command that cannot be submitted using the BMP interface. IMS does not allow all commands to be submitted using a BMP. You can find a list of these commands in your IBM IMS Operator's Reference.</td>
<td>The system submits the command using the WTOR interface.</td>
<td>None. This message is informational only.</td>
</tr>
<tr>
<td>BMP008</td>
<td><strong>BMP NOT AVAILABLE; WTOR=OFF SPECIFIED</strong></td>
<td>The system cannot pass the IMS command you entered to IMS, because you are logged on with a user profile that has the Automatically use WTOR if needed option set to OFF, and the BMP interface is not available.</td>
<td>None.</td>
<td>Set Automatically use WTOR if needed ON in your user profile, and re-enter the IMS command. If you log on using a site profile, see your system administrator about changing that profile, or create your own user profile.</td>
</tr>
<tr>
<td>BMP009</td>
<td><strong>BMP POST FAILED; WTOR=OFF SPECIFIED</strong></td>
<td>When you entered an IMS command, the cross-memory POST failed because you are logged on with a user profile where the Automatically use WTOR if needed option is set to OFF. The cross-memory POST notifies the BMP interface of the command.</td>
<td>The system puts the IMS command in a queue of commands for the BMP to process. When the system successfully notifies the BMP that there are commands in the queue, the BMP processes all the commands in the queue.</td>
<td>If this message persists, call Candle Customer Support for assistance.</td>
</tr>
<tr>
<td>BMP010</td>
<td><strong>BCMD IS INVALID FOR UNAUTHORIZED USERS</strong></td>
<td>A BCMD command was entered by an OMEGAMON terminal operator.</td>
<td>The system ignores this command.</td>
<td>The BCMD command is not intended for use by an OMEGAMON terminal user. If this message is received for a command submitted through the OMEGAMON II for IMS CUA interface, call Candle Customer Support.</td>
</tr>
<tr>
<td>BMP011</td>
<td><strong>TIMER POP POSTED WAIT=ON ECB</strong></td>
<td>Your user profile has Wait for IMS to process each command set to ON. A timer set to prevent waits of more than 30 seconds has terminated the wait, with no indication that IMS has processed the IMS command you entered.</td>
<td>The IMS command continues to process.</td>
<td>None. This is an informational message only.</td>
</tr>
<tr>
<td>BMP055I</td>
<td><strong>cccc COMMAND COMPLETED</strong></td>
<td>IMS has finished processing the command displayed in the message, which the system submitted using the BMP interface.</td>
<td>None.</td>
<td>None. This message is informational only.</td>
</tr>
</tbody>
</table>
SECURITY EXIT KI2BMPX1 LOAD FAILED. ABEND=xxxxxxxx
REASON=xxxxxxxx
Explanation: MVS could not load the optional security exit, KI2BMPX1. The
abend that would have occurred with the reason code is displayed in the
message.
System Action: The IMS command BMP security exit is not LOADed and
initialization continues.
User Response: Correct the error and restart OMEGAMON.

Note: No IMS command security is in force as long as MVS cannot load your
security exit.

BMP DIRECTOR COMMAND BUFFER GETMAIN FAILED
Explanation: The BMP Director could not obtain storage for the buffer used to
pass the IMS command to the user security exit.
System Action: The IMS command BMP security exit is not LOADed, so no
IMS command security is in force.
User Response: Stop the OMEGAMON address space and restart it with a
larger region size.

ERROR RECOVERY ESTAE FAILED—BMP DIRECTOR TERMINATED
Explanation: The system could not establish the ESTAE environment during
BMP Director initialization because it received a non-zero return code during
ESTAE creation.
System Action: The system terminates the BMP Director. IMS commands can
still be submitted using the WTOR interface.
User Response: Call Candle Customer Support.

BMP DIRECTOR ERROR RECOVERY ENTERED W/O SDWA
Explanation: The BMP Director’s error recovery routine is executing, and MVS
has indicated that it could not obtain an SDWA control block.
System Action: Error recovery continues, but only limited error recovery is
possible without an SDWA.
User Response: If necessary, call Candle Customer Support for assistance.

BMP DIRECTOR ERROR RECOVERY DETECTED INVALID AREA
Explanation: The BMP Director’s error recovery routine could not locate its
work area (the work area found did not contain a valid eye-catcher).
System Action: ESTAE processing terminates.
User Response: Call Candle Customer Support.
**BMPD13**  
**BMP DIRECTOR ERROR RECOVERY ENTERED**

**Explanation:** The BMP Director ESTAE routine is executing due to an abend.

**System Action:** This is an informational message only and will be followed by messages BMPD15 and/or BMPD16, which give you detailed information about the error. If a subtask of the BMP Director abended, the system DETACHes the subtask.

**User Response:** Dependent on error. If the IMS BMP subtask abended, you can enter a START CBMP command to reATTACH the BMP subtask. If ATTACH=AUTO was specified on the initial START CBMP command, the BMP subtask will automatically reATTACH when the next IMS command is submitted. If the IMS BMP subtask abended, the PSB and/or TRANSACTION associated with the BMP may be /STOPped by IMS. If this is the case, the PSB and/or TRANSACTION needs to be /STARTed before the BMP can be successfully ATTACHed after the abend. If necessary, call Candle Customer Support for assistance.

**BMPD14**  
**BMP DIRECTOR ERROR RECOVERY GETMAIN FAILED**

**Explanation:** The ESTAE routine in the BMP Director could not obtain work storage.

**System Action:** ESTAE processing terminates. Information on the error causing entry to the ESTAE routine cannot be displayed.

**User Response:** Call Candle Customer Support for assistance.

**BMPD15**  
**ERROR CODE=xxxxxxxx PSW=xxxxxxxxxxxxxxxx**

**Explanation:** An error caused the ESTAE routine to execute.

**System Action:** The system provides a hexadecimal display of the PSW and error code that caused the ESTAE routine to execute.

**User Response:** Dependent on error. Call Candle Customer Support for assistance.

**BMPD16**  
**PROGRAM=cccccccc**

**Explanation:** This message is a continuation of BMPD15.

**System Action:** The system provides the name of the last loaded RB module. This is not necessarily the name of the module that got the error, however.

**User Response:** Dependent on error. Call Candle Customer Support for assistance.

**BMPD21**  
**ATTACH OF DFSRRC00 BY BMP DIRECTOR FAILED**

**Explanation:** The BMP Director received a non-zero return code when attempting to ATTACH the IMS BMP Region Controller, DFSRRC00.

**System Action:** The system does not ATTACH the IMS command BMP.

**User Response:** Ensure that your IMS RESLIB dataset is in the STEPLIB concatenation of your OMEGAMON JCL procedure. If necessary, call Candle Customer Support for assistance.
THE IMS COMMAND BMP IS READY TO SUBMIT COMMANDS TO IMS

**Explanation:** The BMP Director successfully ATTACHed the BMP region.

**System Action:** The IMS command BMP begins executing.

**User Response:** None. This is an informational message only. You can now submit IMS commands using the BMP interface.

IMS CMD BMP ENDED WITH ERROR RETURN CODE = xxxxxxxx

**Explanation:** The BMP program ended abnormally. The return code displayed is the return code from the BMP program’s error routine.

**System Action:** The system terminates the BMP.

**User Response:** Call Candle Customer Support.

IMS COMMAND BMP ERROR DUE TO UNRESOLVED EXTERNAL REFERENCE TO ASMTDLI

**Explanation:** The BMP program has not had the DL/I interface, ASMTDLI, link-edited into it.

**System Action:** The BMP is not available for submitting IMS commands.

**User Response:** Link-edit the DL/I interface into the BMP. See `thileu.TKANSAM(KI2BLDLI)` for instructions.

DETACH REQUEST IGNORED BECAUSE BMP IS NOT CURRENTLY ATTACHED

**Explanation:** The BMP Director received a request to DETACH the IMS Command BMP, but found that the BMP was not ATTACHed.

**System Action:** The BMP Director ignores this request to DETACH the BMP.

**User Response:** None. This is an informational message only.

ERROR IN FOLLOWING IMS COMMAND—CODE = cc

**Explanation:** IMS returned an unexpected DL/I status code after the BMP passed the command displayed in message BMPE002 to IMS.

If the code displayed in this message is numeric, its meaning is as follows:

- **04** The user-defined security exit disallowed the command.
- **08** The BMP could not locate its work area and has terminated.

**System Action:** If **CODE = 08** displays in the message, the BMP is terminated. Otherwise, processing of the command displayed in message BMPE002 ends, and processing of the next command submitted to the IMS command BMP begins.

**User Response:** Contact your IMS systems programmer. The IMS application programming manuals list, describe, and suggest responses to all DL/I status codes.
BMPE002  **IMS_COMMAND**

**Explanation:** This message lists the IMS command that caused the error that output message BMPE001. Only the first 71 bytes of the command appear in this message.

**System Action:** Processing of the displayed command ends. Processing of the next command submitted to the IMS command BMP begins.

**User Response:** This is an informational message only.

CI0410  **INVALID COMMAND - ENTER ‘?’ FOR LIST**

**Explanation:** The command you entered is not an Interface command.

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

**User Response:** Enter a proper Interface command.

CI0411  **PARM MEMBER NAME MISSING**

**Explanation:** An EXEC command was issued but the member name was omitted.

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

**User Response:** Re-enter the command, specifying correct member name.

CI0412  **‘ID=’ MISSING - REENTER**

**Explanation:** A STOP command was issued but did not specify an ID, or had the wrong MODIFY ID to stop a subtask.

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

**User Response:** Re-enter the command, specifying the correct ID.

CI0413  **TASK ID TO STOP OR MODIFY MISSING - REENTER**

**Explanation:** A STOP command was entered without specifying an ID.

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

**User Response:** Re-enter the command, specifying the correct ID.

CI0414  **MISSING TASK TYPE TO START**

**Explanation:** A START command was entered without specifying a task, such as KOBCICS or OMVTAM.

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

**User Response:** Re-enter the command, specifying the correct task.

CI0415  **EXPECTED TASKID MISSING - REENTER**

**Explanation:** A Common Interface command requiring a task ID was entered without the task ID.

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

**User Response:** Re-enter the command, specifying the task ID.
CI0416  ‘=’ MISSING - REENTER
Explanation: A parameter that requires a value was entered with the value omitted, for example:

    START KOBICICS,ROWS,COLS=80,...

rather than

    START KOBICICS,ROWS=24,COLS=80,...

System Action: OMEGAMON ignores the command.
User Response: Re-enter the command with an = and a value after the parameter name.

CI0417  CUU ADDRESS MISSING - REENTER
Explanation: A Common Interface start command with a unit keyword was issued without the required unit address.
System Action: OMEGAMON ignores the command.
User Response: Re-enter the command with a unit address.

CI0418  VALUE MISSING - OR INVALID
Explanation: A parameter requires a valid value which was not supplied.
System Action: OMEGAMON ignores the command.
User Response: Re-enter the command, specifying a valid value.

CI0419  USER DATA NAME MISSING - REENTER
Explanation: A Common Interface start command with a user keyword was issued without the required user module suffix.
System Action: OMEGAMON ignores the command.
User Response: Re-enter the command with a user module suffix.

CI0420  SYSTEM ID MISSING - REENTER
Explanation: A Common Interface start command with a SYS keyword was issued without the required system ID.
System Action: OMEGAMON ignores the command.
User Response: Re-enter the command with a system ID.

CI0421  SYSTEM MODE MISSING - REENTER
Explanation: A Common Interface start command with a MODE keyword was issued without the required ID.
System Action: OMEGAMON ignores the command.
User Response: Re-enter the command with a system mode.

CI0425  YES OR NO REQUIRED - REENTER
Explanation: YES or NO was not specified in a parameter where it is required.
System Action: OMEGAMON ignores the command.
User Response: Re-enter the command, specifying YES or NO.

CI0510  ATTACH PROCESSING - TASK ID=cccccccc
Explanation: A Common Interface EXEC or START command has initiated a process to start a new task. The task identifier is cccccccc.
System Action: Attach processing continues.
User Response: None. This message is informational only.
CI0530  DUPLICATE TASK ID - TASK NOT STARTED
Explanation: This message follows CI0510. It indicates that a task with the identifier named in the CI0510 message is already active. The ID associated with a Common Interface task must be unique.
System Action: Attach processing for the new task terminates.
User Response: Add the ‘ID’ keyword to the task’s START command, or terminate the executing task and start the new task again.

CI0531  ID=cccccccc PROGRAM=aaaaaaaa
Explanation: The Common Interface also issued message CI0530. This message displays the task ID (cccccccc) and program name (aaaaaaaa) associated with message CI0530.
System Action: None.
User Response: Use this task ID (cccccccc) to STOP the task.

CI0532  TASK AREA NOT AVAILABLE - TASK NOT STARTED
Explanation: This message follows CI0510. It indicates that memory is not available to build a work area needed by the Common Interface to start a new task.
System Action: Attach processing for the new task terminates.
User Response: If the problem persists, restart the Common Interface with a larger REGION size, or eliminate any currently executing tasks that are no longer needed.

CI0533  REQUESTED LOAD MODULE NOT FOUND - cccccccc
Explanation: Module cccccccc was not found in a JOB, STEP, or LPA library.
System Action: Attach processing terminates.
User Response: Place a copy of the appropriate module in a JOB, STEP, or LPA library. An IPL with CLPA is required for LPA library placement to activate the module.

CI0534  ATTACH FAILED FOR TASK cccccccc
Explanation: This message follows CI0510. Attach processing failed for the cccccccc task.
System Action: Attach processing for the new task terminates.
User Response: Contact Candle Customer Support.

CI0535  DUPLICATE ID - TASK NOT STARTED
Explanation: An attempt was made to start a task with an ID identical to that of another task already running under the Common Interface.
System Action: The new task does not start.
User Response: Re-enter the command with a unique task ID.

CI0536  ID=cccccccc PROGRAM=aaaaaaaa
Explanation: The Common Interface also issued message CI0535. This message displays the task ID (cccccccc) and program name (aaaaaaaa) associated with message CI0535.
System Action: The new task does not start.
User Response: Re-enter the command with a unique task ID.
CI0537  Common Interface - UNABLE TO OBTAIN TASK AREA
Explanation: There is insufficient storage for the Interface to obtain a work area for the starting task.
System Action: OMEGAMON ignores the Common Interface start command.
User Response: Check for error messages on the system console that might provide a reason for the failure. Once the source of the storage constraint is corrected, retry the START command. If this problem persists, increase the region size.

CI0542  STOP ID NOT FOUND
Explanation: The STOP command specified an ID that is not active.
System Action: Processing terminates.
User Response: Use the DISPLAY or LIST command to display the active task IDs.

CI0543  THE FOLLOWING TASK IDS ARE ACTIVE:
Explanation: The DISPLAY or LIST command shows which tasks are active.
System Action: None.
User Response: None. This is an informational message only.

CI0544  JSCB BUILD FAILED - TASK NOT STARTED
Explanation: This message follows CI0510. A JSCB control block needed by the Common Interface to start a new task could not be built.
System Action: Attach processing for the new task terminates.
User Response: Check the system console for related error messages and contact Candle Customer Support.

CI0545  CSCB BUILD FAILED - TASK NOT STARTED
Explanation: This message follows CI0510. A CSCB control block needed by the Common Interface to start a new task could not be built.
System Action: Attach processing for the new task terminates.
User Response: Check the system console for related error messages and contact Candle Customer Support.

CI0546  GETMAIN FAILED FOR SP230 PARAMETER WORK AREA
Explanation: The Common Interface was unable to acquire a parameter work area in subpool 230 that is used by subtasks attached with a system key specification.
System Action: The subtask creation request is ignored.
User Response: Contact Candle Customer Support.

CI0550  TASK BUSY - MODIFY MESSAGE NOT SENT TO TASK
Explanation: A request was made to the Common Interface to issue an MVS modify command to a subtask, but the subtask is not currently accepting modify commands.
System Action: OMEGAMON ignores the modify request.
User Response: Retry the command.
<table>
<thead>
<tr>
<th>CI0551</th>
<th>MODIFY MESSAGE SENT TO TASK</th>
</tr>
</thead>
</table>
| **Explanation:** The Common Interface honored a MODIFY command.  
| **System Action:** The Common Interface issues the modify command to the subtask.  
| **User Response:** None. This is an informational message only. |

<table>
<thead>
<tr>
<th>CI0552</th>
<th>TASK TO MODIFY NOT FOUND</th>
</tr>
</thead>
</table>
| **Explanation:** A request was made to the Common Interface to issue a modify command to a subtask whose ID (specified in the MODIFY command) cannot be found among the currently active subtasks.  
| **System Action:** OMEGAMON ignores the modify request.  
| **User Response:** Use the LIST command to determine which tasks are active to the Common Interface. Correct the task ID and reissue the MODIFY command. |

<table>
<thead>
<tr>
<th>CI0553</th>
<th>DYNAMIC ALLOCATION FOR SNAP FILE FAILED, ERROR=aaaaa, REASON=bbbb, RI5=ccccc.</th>
</tr>
</thead>
</table>
| **Explanation:** When the DSNAPON command is presented to the Common Interface, it attempts to dynamically allocate the response time collector SNAP debugging file. Should an error occur during the allocation process, the above message displays showing the error codes returned by the supervisor allocation routines. Note that the Common Interface only uses dynamic allocation for the response time collector SNAP file in the absence of a DSNAPDD data definition statement.  
| **System Action:** The response time collector SNAP debugging file does not allocate or open.  
| **User Response:** The error, reason, and return codes in this message are described in the IBM MVS Job Management Manual. Correct the source of the error message and retry the allocation. Alternatively, a DSNAPDD data definition statement can be included in the Common Interface JCL stream, thereby avoiding the need to use dynamic allocation. |

<table>
<thead>
<tr>
<th>CI0560</th>
<th>RKANPAR DATASET OPEN ERROR</th>
</tr>
</thead>
</table>
| **Explanation:** The rhilev.RKANPAR dataset could not be opened.  
| **System Action:** EXEC processing terminates.  
| **User Response:** Check that the RKANPAR DD statement is in the JCL for this region. Check that the dataset has the proper attributes (see the installation documentation). Contact Candle Customer Support for assistance. |

<table>
<thead>
<tr>
<th>CI0561</th>
<th>INVALID LRECL OF RKANPAR - NOT LRECL=80</th>
</tr>
</thead>
</table>
| **Explanation:** The rhilev.RKANPAR dataset does not have an LRECL of 80.  
| **System Action:** EXEC processing terminates.  
| **User Response:** Check and correct the LRECL of the rhilev.TOBDATA dataset. |
CI0562 MEMBER NOT FOUND IN DATASET
Explanation: A member name was specified in the EXEC command, but that member does not exist in the rhilev.RKANPAR dataset.
System Action: EXEC processing terminates.
User Response: Check the member name entered and re-enter the correct name.

CI0563 ERROR OBTAINING A BUFFER FOR READING RKANPAR
Explanation: The Common Interface was unable to obtain an I/O buffer for reading the rhilev.RKANPAR dataset. This is probably the result of a severe storage shortage in the system.
System Action: EXEC processing terminates.
User Response: Try the command later when storage use lessens. Increase the region size if this condition persists.

CI0564 ERROR OBTAINING AN INPUT AREA FOR RECORD
Explanation: The command processor could not obtain an input cell for a record from the rhilev.RKANPAR dataset. EXEC processing terminates.
User Response: Try the command later when core use lessens. Increase the region size if this condition persists.

CI0565 EXEC LIMIT EXCEEDED
Explanation: You reached the limit of ten EXEC members to be processed per command invocation. This limit prevents a possible loop in the EXEC process where member A EXECs B and member B EXECs A.
System Action: EXEC processing terminates.
User Response: Check that the EXEC members do not cause EXEC loops. Reorganize the commands to be executed to fewer than ten members total.

CI0567 KEY VALUE OUT OF RANGE, MUST BE 0–7
Explanation: The KEY= keyword may only specify keys 0–7. Key 8 is used by V=V problem programs and keys 9–15 are reserved for V=R problem programs.
System Action: OMEGAMON ignores the request.
User Response: Specify a valid KEY= keyword value.

CI0580 *** NO TASKS ARE ACTIVE ***
Explanation: OMEGAMON issues this message in response to a DISPLAY or LIST command when no tasks are active.
System Action: None.
User Response: None. This is an informational message only.

CI0585 ERROR READING RKANPAR MEMBER - SYNAD MESSAGE:
Explanation: A system error occurred while processing a member of the rhilev.RKANPAR dataset. A SYNAD message follows.
System Action: Command processing terminates.
User Response: Check the SYNAD message for cause of the error.
CI0586 FREEMAIN FAILED FOR SP230 PARAMETER WORK AREA FOLLOWING ATTACH FAILURE
Explanation: The Common Interface was unable to freemain the parameter work area in subpool 230 that is used by subtasks attached with a system key specification. This occurred after the subtask attach attempt failed.
System Action: None.
User Response: Contact Candle Customer Support.

CI0587 FAILURE TO FREE CSCB
Explanation: The command scheduling control block used by tasks that run under the Common Interface could not be unallocated.
System Action: The CSCB storage, if any, is not freed.
User Response: None. This is an informational message only.

CI0588 FAILURE TO FREE JSCB
Explanation: The job step control block acquired by the Common Interface on behalf of one of its subtasks could not be released.
System Action: The JSCB storage, if any, is not freed.
User Response: None. This is an informational message only.

CI0592 TASK ID=XXXXXXXX HAS BEEN STOPPED VIA POST
Explanation: The Common Interface honored a STOP command.
System Action: The Common Interface requests the subtask to stop.
User Response: None. This is an informational message only.

CI0593 TASK ID=XXXXXXXX HAS BEEN STOPPED VIA DETACH (STAE=YES)
Explanation: The Common Interface processed a STOP command where the DETACH=Y parameter was specified.
System Action: The Common Interface detaches the subtask which may result in an ABEND 33E.
User Response: None. This is an informational message only.

CI0594 ID=cccccccc PROGRAM=aaaaaaaa
Explanation: The Common Interface also issued message CI0592. This message displays the task ID (cccccccc) and program name (aaaaaaaa) associated with message CI0592.
System Action: None.
User Response: None. This is an informational message only.

CI0603 SYMBOL NOT DEFINED: ccccccccc
Explanation: The symbol displayed is not known to the command processor.
System Action: Command processing terminates.
User Response: Check the input for spelling.

CI0604 AMBIGUOUS SYMBOL: ccccccccc
Explanation: The symbol entered cannot be uniquely identified.
System Action: Command processing terminates.
User Response: Spell out the command operand more fully.
CI0605  INVALID INPUT VALUE:
Explanation: The input value received is not valid for the symbol.
System Action: Command processing terminates.
User Response: Check to see if the value is correct or respecify differently, for example, as 43 instead of 0043 in number of ROWS on the terminal screen.

CI0606  EXPECTED CONTINUATION NOT RECEIVED
Explanation: An input statement had a continuation indication but was the last statement input to the command processor.
System Action: This command processing terminates.
User Response: Add a continuation statement or remove the continuation indicator.

CI0607  EXPECTED INPUT NOT RECEIVED
Explanation: A command is expecting some input options but they were not specified (for example, ROWS=).
System Action: Command processing terminates.
User Response: Specify the required options.

CI0608  ERROR IN FREE CELL ROUTINE
Explanation: The parser had an error trying to free an input command cell.
System Action: Processing terminates.
User Response: Contact Candle Customer Support for assistance.

CI0609  ERROR IN FREE POOL ROUTINE
Explanation: The parser had an error trying to free the input command pool.
System Action: Processing terminates.
User Response: Contact Candle Customer Support for assistance.

CI0700  OMEGAMON Common Interface READY FOR COMMANDS
Explanation: The Interface enters a WAIT state to wait for commands to process.
System Action: The Interface waits.
User Response: The Interface is now ready to accept commands via MODIFY.

CI0715  MODIFY IGNORED
Explanation: The Interface is not in a state where it accepts the MODIFY command.
System Action: Command processing terminates.
User Response: Reissue the command.

CI0720  PROCESS MESSAGES FOLLOW
Explanation: Informational and error messages generated during command processing follow.
System Action: None.
User Response: None. This is an informational message only.
CI0722  SUBTASK LOOP IDENTIFICATION AND ANALYSIS IN PROGRESS
Explanation: The Common Interface detected a looping condition in one of its subtasks.
System Action: The Common Interface attempts to identify the looping subtask. The Common Interface will not accept any commands while task-level loop checking is in progress.
User Response: Determine why the subtask was looping. Correct the problem and restart the subtask.

CI0723  LOOPING Common Interface SUBTASK SCHEDULED FOR TERMINATION
Explanation: The Common Interface identified a looping subtask and scheduled it for termination. Message CI0724 accompanies this one.
System Action: OMEGAMON forcibly detaches the looping subtask and generates a SNAP dump (ddname: SNAPFILE).
User Response: See accompanying message CI0724 for the name and ID of the looping program. Examine the SNAP dump to determine why the subtask was looping. Correct the problem and restart the subtask. If necessary, contact Candle Customer Support with the dump information.

CI0724  ID=cccccccc PROGRAM=aaaaaaaa
Explanation: The subtask specified by the task ID (cccccccc) and program name (aaaaaaaa) is scheduled for termination because of a suspected looping condition. This message accompanies CI0723.
System Action: Processing continues.
User Response: This is an informational message only. See accompanying message CI0723.

CI0725  ZERO POINTER TO CIB FOUND
Explanation: An unexpected condition occurred and an abend may result.
System Action: Processing tries to continue.
User Response: If an abend occurs, let the Interface retry. Contact Candle Customer Support for assistance.

CI0726  SUBTASK LOOP IDENTIFICATION AND ANALYSIS COMPLETED SUCCESSFULLY
Explanation: The Common Interface completed its analysis of subtask CPU utilization. Commands will now be accepted normally.
System Action: None.
User Response: None. This is an informational message only.

CI0727  SUBTASK LOOP IDENTIFICATION AND ANALYSIS TERMINATED WITHOUT RESOLUTION
Explanation: The Common Interface terminated its analysis of subtask CPU utilization. This occurred because a subtask terminated (normally or abnormally), or the Common Interface was unable to isolate the errant subtask.
System Action: None.
User Response: None. This is an informational message only.
CI0730  TERMINATION REQUEST ACKNOWLEDGED
Explanation: The Common Interface acknowledges the user’s stop command.
System Action: The Common Interface begins termination processing.
User Response: None. This is an informational message only.

CI0731  COMMAND PARSE COMPLETED WITH CRITICAL ERRORS
Explanation: The parsing of the command results in a failure of the parser.
System Action: OMEGAMON ignores the command.
User Response: Contact Candle Customer Support for assistance and have a copy of the input available.

CI0732  FREE INPUT CELL CRITICAL ERROR
Explanation: Command processing is complete but the Interface is unable to release the input message cell.
System Action: Processing continues.
User Response: Contact Candle Customer Support for assistance.

CI0734  FREE INPUT POOL CRITICAL ERROR
Explanation: Command processing is complete but the Interface was unable to release the input message pool.
System Action: Command processing continues.
User Response: Contact Candle Customer Support for assistance.

CI0735  KOBCIIPn LOAD ERROR
Explanation: The Common Interface was unable to load the parser and command processing routines. n is an operating system identifier from 1–4.
System Action: The Common Interface terminates the command.
User Response: Make sure KOBCIIPn is in a load library accessible to the Common Interface.

CI0736  FREE MESSAGE CELL CRITICAL ERROR
Explanation: Command processing is complete but the Interface is unable to release the output message cell.
System Action: Command processing continues.
User Response: Contact Candle Customer Support for assistance.

CI0738  FREE MESSAGE POOL CRITICAL ERROR
Explanation: Command processing is complete but the Interface is unable to release the output message pool.
System Action: Command processing continues.
User Response: Contact Candle Customer Support for assistance.

CI0740  UNABLE TO OBTAIN STORAGE FOR COMMAND
Explanation: Common Interface is unable to obtain the storage required to process a command.
System Action: None.
User Response: Increase the region available to the Common Interface.
CI0741  PROCESS GET CELL ERROR: CMD IGNORED
Explanation: The Interface is unable to get an input command cell in which to place the command to process.
System Action: OMEGAMON ignores the command.
User Response: The lack of available virtual storage may cause the error. Reissue the command when storage usage lessens. If the problem persists, increase the region size. Contact Candle Customer Support for assistance.

CI0750  MESSAGES PRIOR TO ERROR
Explanation: After an error is detected and retry started, the messages that resulted appear.
System Action: None.
User Response: Note which processes completed. Contact Candle Customer Support for assistance.

CI0756  ATTACH FAILED
System Action: None.
User Response: Check for messages on the system console, and contact Candle Customer Support.

CI0759  TASK-LEVEL LOOP CHECKING IN PROGRESS
Explanation: The Common Interface is monitoring individual subtasks for excessive CPU utilization. No commands will be accepted while task-level loop checking is in progress.
System Action: OMEGAMON ignores the request.
User Response: Retry the request after task-level loop checking has completed.

CI0760  PROCESSING COMMAND
Explanation: The processing of the command entered using the MODIFY begins.
System Action: Command processing starts.
User Response: None. This is an informational message only.

CI0762  FREE MESSAGE CELL CRITICAL ERROR
Explanation: Cleanup routine after an error is unable to free up message cells.
System Action: Cleanup continues.
User Response: Contact Candle Customer Support for assistance.

CI0764  FREE MESSAGE POOL CRITICAL ERROR
Explanation: Cleanup routine after an error is unable to free up message pool.
System Action: Cleanup continues.
User Response: Contact Candle Customer Support for assistance.

CI0770  INPUT AT TIME OF ERROR **
Explanation: OMEGAMON displays the command processing at the time of the error.
System Action: Cleanup continues.
User Response: Contact Candle Customer Support for assistance.
CI0772  FREE MESSAGE CELL CRITICAL ERROR
Explanation: The input message cells could not be freed.
System Action: Cleanup continues.
User Response: Contact Candle Customer Support for assistance.

CI0774  FREE MESSAGE POOL CRITICAL ERROR
Explanation: The input message pool could not be freed.
System Action: Cleanup continues.
User Response: Contact Candle Customer Support for assistance.

CI0787  FAILURE TO FREE CSCB
Explanation: This message indicates either an internal error or storage corruption.
System Action: The subtask termination cleanup continues.
User Response: Contact Candle Customer Support for a problem number and instructions for forwarding the following documentation: a log of the debug screen space sequence and any dumps produced by the Common Interface address space or related TSO address space.

CI0788  FAILURE TO FREE JSCB
Explanation: This message indicates either an internal error or storage corruption.
System Action: The subtask termination cleanup continues.
User Response: Follow the instructions given in the Preface, then contact Candle Customer Support.

CI0789  FREEMAIN FAILED FOR SP230 PARAMETER WORK AREA FOLLOWING SUBTASK TERMINATION
Explanation: The Common Interface was unable to freemain the parameter work area in subpool 230 that is used by subtasks attached with a system key specification. This occurred after the subtask terminated normally or abnormally.
System Action: None.
User Response: Contact Candle Customer Support.

CI0798  INVALID RETURN FROM TERMINATION CALL
Explanation: Internal error. This message should be accompanied by abend U798.
System Action: The Common Interface abnormally terminates.
User Response: Follow the instructions given in the Preface, then contact Candle Customer Support.

CI0799  UNABLE TO LOCATE RECOVERY HEADER
Explanation: Internal error. This message should be accompanied by abend U799.
System Action: The Common Interface abnormally terminates.
User Response: Follow the instructions given in the Preface, then contact Candle Customer Support.
CI0900  Common Interface INITIALIZATION
Explanation: The Common Interface is beginning initialization.
System Action: Initialization continues.
User Response: None. This is an informational message only.

CI0901  GLOBAL ADDRESS SPACE VECTOR TABLE BUILD FAILED
Explanation: The GETMAIN for the LSQA to hold the vector table failed.
System Action: The Common Interface terminates.
User Response: Contact Candle Customer Support.

CI0931  SUBTASK ERROR RECOVERY DETECTED INVALID ISDA
Explanation: This error is caused either by an internal error or by the corruption of virtual storage.
System Action: The subtask terminates.
User Response: Follow the instructions given in the Preface, then contact Candle Customer Support.

CI0935  RETRY FROM Interface A ERROR RECOVERY
Explanation: Interface D abnormally terminated and control has passed back to Interface A.
System Action: System action is dependent on the response made to message CI0995, which always immediately follows this message.
User Response: Respond to message CI0995.

CI0938  ERROR ENCOUNTERED ATTEMPTING TO SERIALIZE NON-SWAPPABILITY
Explanation: The Common Interface was unable to successfully enqueue upon a step-level resource used to regulate non-swapability.
System Action: The Common Interface terminates.
User Response: Contact Candle Customer Support.

CI0940  MODULE KOBCIID<sub>n</sub> NOT FOUND
Explanation: The Common Interface could not find module KOBCIID<sub>n</sub>. <sub>n</sub> is an operating system identifier from 1–4.
System Action: The Common Interface does not initialize.
User Response: Verify that KOBCIID<sub>n</sub> is installed in the Common Interface’s JOBLIB/STEPLIB, and restart the Common Interface.

CI0941  LINK FAILED - Interface D
Explanation: The link to OBCIID was unsuccessful.
System Action: The Common Interface terminates.
User Response: Check the JES job log for messages. The most Common reason for this failure is that OBCIID is not available from the STEPLIB of the Common Interface.
CI0951  PLACE MODULE  cccccccc IN A JOB/STEP/LPA LIBRARY
Explanation: An error (that was logged in a message preceding this one) is caused by the absence of the indicated module.
System Action: It depends on the error logged in the previous message.
User Response: Respond as indicated in the previous message.

CI0952  REPLY GO, STOP (TERMINATES Common Interface OPERATION), OR HELP
System Action: Interface retries, or termination of the Common Interface, depending on the response to the message.
User Response: A response of GO retries initiation of the Interface. Precede this response with corrective action to address the cause of the problem, such as placing a new, good copy of a program in a library. STOP terminates the Common Interface. HELP produces an explanatory message and reissues the WTOR.

CI0960  ENVIRONMENT MISMATCH, SYSTEM MUST BE MVS/SP 1.3 OR HIGHER
Explanation: The Common Interface was started in an operating system that does not support its functions.
System Action: The Common Interface does not initialize.
User Response: None. This is an informational message only.

CI0961  ENVIRONMENT MISMATCH, 370 VERSION IN XA, OR XA VERSION IN 370
Explanation: The Common Interface was started in an incompatible operating system.
System Action: The Common Interface does not initialize.
User Response: Verify that the correct version of the Common Interface is installed.

CI0968  Common Interface REQUIRES APF-AUTHORIZATION
Explanation: The Common Interface determined that it did not possess APF authorization.
User Response: Make sure the Common Interface load modules reside in an APF-authorized library.

CI0969  Common Interface MUST EXECUTE AS PRIMARY NON-SYSTEM JOB STEP TASK
Explanation: The Common Interface must run as the primary non-system job step task in the address space. Typically, this requirement is satisfied when the Common Interface is attached by IEESB605 (started task control) when run as a started task, or by IEF1IC (initiator Interface control) when run as a batch job. The Common Interface is not designed to run in a TSO environment under the TMP (terminal monitor program).
System Action: The Common Interface terminates.
User Response: Contact Candle Customer Support.
CI0970  OMEGAMON SUBTASK ABEND CODE=cccccccc
   PSW=aaaaaaaaaaaaaaaa TCB=bbbbbbbb

Explanation: A subtask of the Common Interface abended. This message displays the abend code, the PSW at time of abend, and the address of the abending task’s TCB display.

System Action: The subtask produces a system termination dump.
User Response: Contact Candle Customer Support.

CI0971  PROGRAM NAME=cccccccc

Explanation: This message follows CI0970 when a subtask abend occurs, and identifies the program that was given control when the subtask was started.

System Action: The subtask abnormally terminates.
User Response: Restart the failing subtask.

CI0985  SUBTASK ID=XXXXXXXX FORCIBL Y DETACHED

Explanation: A Common Interface module (KOBCIRT0) detected that a subtask of the Common Interface was detached by its mother task while the subtask was still active.

System Action: None.
User Response: This may or may not be an error. If the subtask’s mother task was requested to stop, then no error occurred.

CI0995  Interface A ERROR RECOVERY RETRY - ENTER ‘GO’, ‘STOP’, OR ‘HELP’

Explanation: The Common Interface has abended and requests a response from the operator.

System Action: The Interface restarts or the Common Interface terminates, depending on the response to the message.
User Response: Follow the instructions given in the Preface, then contact Candle Customer Support.

CI0997  INVALID RETURN FROM TERMINATION CALL

Explanation: Internal error. This message should be accompanied by abend U997.

System Action: The Common Interface abnormally terminates.
User Response: Follow the instructions given in the Preface, then contact Candle Customer Support.

CI0998  UNABLE TO LOCATE RECOVERY HEADER

Explanation: Internal error. This message should be accompanied by abend U998.

System Action: The Common Interface abnormally terminates.
User Response: Follow the instructions given in the Preface, then contact Candle Customer Support.
LOAD OF OBCIGL FAILED

Explanation: The Common Interface was unable to load the global address space vector table service routine.

System Action: The Common Interface terminates.

User Response: Make sure OBCIGL is in a load library accessible to the Common Interface.
CNDL001I  Candle Subsystem V999 INITIALIZATION - SSID = cccc
Explanation: Candle subsystem address space initialization processing has begun. The subsystem version number is “999”, and the MVS subsystem identifier is cccc.
System Action: Candle subsystem processing continues.
User Response: None. This message is informational only.

CNDL002I  CANDLE SUBSYSTEM V999 TERMINATED - SSID = cccc
Explanation: Candle subsystem address space termination processing has completed. The subsystem version number is “999”, and the MVS subsystem identifier is cccc.
System Action: The Candle subsystem address space terminates.
User Response: None. This message is informational only.

CNDL003A  CANDLE SUBSYSTEM INITIALIZATION FAILED - REGION TOO SMALL
Explanation: The Candle subsystem address space could not obtain enough private-area storage to complete initialization.
System Action: The Candle subsystem address space terminates.
User Response: Increase the REGION specification included in the Candle address space start-up JCL.

CNDL004A  CANDLE SUBSYSTEM REQUIRES APF AUTHORIZATION
Explanation: The Candle subsystem address space must execute from an APF-authorized library.
System Action: The Candle subsystem address space terminates.
User Response: APF-authorize the Candle subsystem’s load library.

CNDL005A  CANDLE SUBSYSTEM RECEIVED CONTROL IN AN AUTHORIZED KEY
Explanation: The Candle subsystem address space received control in execution key 0–7. The Subsystem must be installed to receive control in a non-authorized key. Only APF-authorization is required.
System Action: The Candle subsystem address space terminates.
User Response: Use the correct procedure to install the Candle subsystem.
CNDL006A  cccccccc KEYWORD VALUE INVALID  
**Explanation:** The value of the cccccccc keyword is not valid.  
**System Action:** The request associated with the keyword is rejected. The nature of the request determines the action taken. For example, if a Candle subsystem start parameter is found in error, the Subsystem address space terminates. If an operator command keyword is in error, the command is rejected.  
**User Response:** Correct the keyword specification.  

CNDL007A  cccccccc KEYWORD OCCURS MULTIPLE TIMES  
**Explanation:** The cccccccc keyword occurs multiple times in a single Subsystem request.  
**System Action:** The request associated with the keyword is rejected. The nature of the request determines the action taken. For example, if a Candle subsystem start parameter is found multiple times, the Subsystem address space terminates. If an operator command keyword is found multiple times, the command is rejected.  
**User Response:** Correct the keyword specification.  

CNDL009I  SSCVT CHAIN ENTRY INVALID - ADDRESS X’txxxxxxx’  
**Explanation:** The SSCVT chain entry at storage location X’txxxxxxx’ is not formatted correctly. During initialization, the Candle subsystem found the invalid entry while looking for its own SSCVT entry. The Subsystem cannot complete initializing without its SSCVT entry.  
**System Action:** The Candle subsystem address space terminates.  
**User Response:** Correct the cause of the SSCVT entry formatting error and correct the entry.  

CNDL010A  CANDLE SUBSYSTEM IS NOT DEFINED - SSID = cccc  
**Explanation:** The Candle subsystem identifier cccc has not been defined as an MVS subsystem. The identifier must be defined to MVS during Subsystem installation. A system IPL is required before the new definition becomes effective.  
**System Action:** The Candle subsystem address space terminates.  
**User Response:** Review the Candle subsystem installation procedures. Verify that subsystem definition statements have been added to the appropriate IEFSSNcc member in SYS1.PARMLIB.  

CNDL013I  CANDLE SUBSYSTEM INITIALIZED WITH "RESTART=FORCE"  
**Explanation:** The Candle subsystem address space start parameter included the keyword RESTART=FORCE. This keyword causes Subsystem initialization to continue even if another Candle subsystem address space is active. RESTART=FORCE should not be used unless repeated attempts to start the Subsystem result in message CNDL018I and it is known that no other Candle subsystem address space is active.  
**System Action:** The Candle subsystem address space remains active.  
**User Response:** None. This message is informational only.
CNDL014A  SUBSYSTEM INITIALIZATION MODULE KCNDLINT DID NOT RUN SUCCESSFULLY
Explanation: Candle subsystem initialization module KCNDLINT did not run successfully during the system IPL.
System Action: The Candle subsystem address space terminates.
User Response: An IPL is needed to complete the installation of the Candle subsystem. If an IPL was done, check the SYSLOG for messages to determine why KCNDLINT did not execute. Make sure you complete all Candle subsystem installation steps and perform an IPL before starting the Candle subsystem address space.

CNDL018I  CANDLE SUBSYSTEM ALREADY ACTIVE - nnnnnnnn iiiiiiii
Explanation: The address space producing this message has determined that the Candle subsystem address space is already active. The name of the already-active address space is nnnnnnnn; its address space identifier is iiiiiiii.
System Action: The address space producing this message terminates.
User Response: None. This message is informational only.

CNDL019W  CONDITIONAL STORAGE REQUEST FAILED - cccccc
Explanation: The Subsystem has attempted and failed to obtain private-area storage. The name of the requesting routine is cccccc.
System Action: The Candle subsystem address space remains active.
User Response: No immediate action is necessary. However, other messages requiring specific action may appear as a result of the failed storage request. If this message appears frequently, it may be necessary to increase the value of the REGION parameter for the Subsystem address space.

CNDL020A  START PARAMETER STRING SYNTAX ERROR
Explanation: The syntax of the parameter string passed to the Subsystem during initialization is in error.
System Action: The Candle subsystem address space terminates.
User Response: Correct the parameter string error and restart the Subsystem address space.

CNDL021I  RKANPAR FILE OPEN ERROR - RC = X’xxxxxxx’.
Explanation: The RKANPAR file failed to open. The error code returned by IBM OPEN processing was X’xxxxxxx’.
System Action: The Candle subsystem address space remains active.
Depending on the severity of the error, additional Subsystem messages may appear.
User Response: Check the console for any additional Subsystem or IBM-component messages. If the error’s cause cannot be determined, contact Candle Customer Support.
CNDL022I  RKANPAR FILE FAILED TO OPEN
Explanation: The RKANPAR file failed to open. There was no error code
returned by IBM OPEN processing.
System Action: The Candle subsystem address space remains active.
Depending on the severity of the error, additional Subsystem messages may
appear.
User Response: Check the console for any additional Subsystem or
IBM-component messages. If the cause of the error cannot be determined,
contact Candle Customer Support.

CNDL024I  cccccccc MEMBER mmmmmmmmm NOT FOUND
Explanation: The mmmmmmmmm PDS member could not be found. The
ddbname associated with the PDS is cccccccc.
System Action: The Candle subsystem address space remains active.
User Response: Verify that the PDS member name was specified correctly and
retry the Subsystem request.

CNDL027I  FUNCTION cccccccc STARTED
Explanation: Candle function cccccccc has been started by the Subsystem. The
function is now available for use by other Candle products.
System Action: The Candle subsystem address space remains active.
User Response: None. This message is informational only.

CNDL030I  FUNCTION cccccccc STOPPED
Explanation: Candle function cccccccc has been stopped by a user request. The
function is no longer available for use by other Candle products.
System Action: The Candle subsystem address space remains active.
User Response: None. This message is informational only.

CNDL032I  FUNCTION cccccccc STOPPED BY THE SUBSYSTEM
Explanation: Candle function cccccccc has been stopped by the Subsystem.
The function is no longer available for use by other Candle products. The
Subsystem has stopped the function as a result of an error or Subsystem address
space termination.
System Action: The Candle subsystem address space remains active.
User Response: None. This message is informational only.

CNDL034I  SUBSYSTEM START MEMBER cccccccc
Explanation: RKANPAR member cccccccc was used as the Subsystem
initialization member during Subsystem start-up.
System Action: The Candle subsystem address space remains active.
User Response: None. This message is informational only.
CNDL100I  I/O SERVICES NOT AVAILABLE
Explanation: An error has occurred causing the termination of the dynamic I/O configuration subsystem. This message should be accompanied by another message explaining the error.
System Action: The routine terminates.
User Response: Follow the response for the accompanying message. Contact Candle Customer Support if necessary.

CNDL101A  UNABLE TO OBTAIN PRIVATE STORAGE, DYNAMIC I/O SERVICES NOT AVAILABLE
Explanation: The dynamic I/O configuration monitor initialization routine was unable to obtain private area storage for its work area.
System Action: The routine terminates without initializing dynamic I/O monitoring.
User Response: Contact Candle Customer Support.

CNDL102A  DSPSERV RC = X’xx’ REASON CODE = yyyy yyyy
Explanation: The dynamic I/O configuration monitor initialization routine was unable to create a SCOPE=COMMON dataspace for its use. The return code from the DSPSERV macro invocation was X’xx’, the reason code was yyyy yyyy.
System Action: The routine terminates without initializing dynamic I/O monitoring.
User Response: Check the return codes for the DSPSERV macro create function to determine if the failure was due to an installation option. If not, contact Candle Customer Support.

CNDL103A  ALESERV RC = X’xx’
Explanation: The dynamic I/O configuration monitor initialization routine was unable to add an entry for a SCOPE=COMMON data space to all PASN-ALs in the system. The return code from the ALESERV macro invocation was X’xx’.
System Action: The routine terminates without initializing dynamic I/O monitoring.
User Response: Check the return codes for the ALESERV macro add function to determine if the failure was due to an installation option. If not, contact Candle Customer Support.

CNDL104I  SVC DUMP TAKEN FOR DYNAMIC I/O CONFIGURATION SUBSYSTEM
Explanation: An abend has occurred and an SVC dump has been successfully produced.
System Action: The routine attempts to recover from the abend. If more than one abend has occurred, then the routine will terminate.
User Response: Retain the dump. Contact Candle Customer Support.

CNDL105I  DYNAMIC I/O CONFIGURATION UNABLE TO OBTAIN CSA STORAGE
Explanation: An attempt to obtain CSA failed.
System Action: The dynamic I/O configuration monitor will function without I/O configuration change exits.
User Response: Contact Candle Customer Support.
CNDL106W UNABLE TO INSTALL I/O RECONFIGURATION COMPLETION EXIT, RC=X'xx'
Explanation: An attempt to install an I/O reconfiguration completion exit failed with return code X'xx'.
System Action: The dynamic I/O configuration monitor will function without the I/O configuration completion exit.
User Response: Contact Candle Customer Support.

CNDL107W UNABLE TO INSTALL I/O RECONFIGURATION REQUEST EXIT, RC=X'xx'
Explanation: An attempt to install an I/O reconfiguration request exit failed with return code X'xx'.
System Action: The dynamic I/O configuration monitor will function without the I/O configuration request exit.
User Response: Contact Candle Customer Support.

CNDL108A UNABLE TO BUILD UCB TABLE, RC = X'xx'
Explanation: An attempt to build a table of UCB addresses failed with return code X'xx'.
System Action: The dynamic I/O configuration monitor will terminate.
User Response: Contact Candle Customer Support.

CNDL109A UCBSCAN RETURN CODE = X'xx'
Explanation: An invocation of the UCBSCAN macro service failed with return code X'xx'.
System Action: The dynamic I/O configuration monitor will terminate.
User Response: Contact Candle Customer Support.

CNDL110A UCB TABLE REBUILD FAILED WITH RC = X'xx'
Explanation: An attempt to rebuild the UCB address table failed with return code X'xx'.
System Action: The dynamic I/O configuration monitor will terminate.
User Response: Contact Candle Customer Support.

CNDL150A UNABLE TO OBTAIN STORAGE, DYNAMIC I/O RECONFIGURATION EXIT INOPERATIVE
Explanation: An I/O reconfiguration exit attempted to obtain private storage and failed.
System Action: The dynamic I/O configuration exit terminates.
User Response: Contact Candle Customer Support.

CNDL151A INVALID ALET, UNABLE TO ACCESS DATA SPACE, DYNAMIC I/O RECONFIGURATION EXIT INOPERATIVE
Explanation: The ALET for the SCOPE=COMMON data space has been found to be invalid.
System Action: The dynamic I/O configuration exit terminates.
User Response: Contact Candle Customer Support.
CNDL152A  INVALID DATA SPACE, DYNAMIC I/O RECONFIGURATION EXIT INOPERATIVE
Explanation: The ALET for the SCOPE=COMMON data space has accessed a data space that can not be validated.
System Action: The dynamic I/O configuration exit terminates.
User Response: Contact Candle Customer Support.

CNDL153A  UNEXPECTED FUNCTION ENCOUNTERED BY I/O REQUEST EXIT
Explanation: The dynamic I/O configuration request exit has encountered an unknown function code.
System Action: The dynamic I/O configuration exit terminates.
User Response: Contact Candle Customer Support.

CNDL154A  I/O aaaaaaaaaaaa EXIT UNABLE TO ACCESS DATA SPACE IN RECOVERY ROUTINE.
Explanation: An abend has caused entry to the recovery routine, and the data space cannot be accessed to notify potential users that the exit has abended. aaaaaaaaa identifies the exit as either request or completion.
System Action: The dynamic I/O configuration exit terminates.
User Response: Contact Candle Customer Support.

CNDL155A  I/O aaaaaaaaaa EXIT ALET INVALID
Explanation: An abend has caused entry to the recovery routine and the data space cannot be accessed to notify potential users that the exit has abended due to an invalid ALET. aaaaaaaaa identifies the exit as either request or completion.
System Action: The dynamic I/O configuration exit terminates.
User Response: Contact Candle Customer Support.

CNDL156A  I/O aaaaaaaaaa EXIT UNABLE TO ACCESS WORK AREA IN RECOVERY ROUTINE
Explanation: An abend has caused entry to the recovery routine and the exit work area cannot be accessed. aaaaaaaaa identifies the exit as either request or completion.
System Action: The dynamic I/O configuration exit terminates.
User Response: Contact Candle Customer Support.

CNDL157I  SVC DUMP TAKEN FOR I/O aaaaaaaaaaa ROUTINE
Explanation: An abend has caused entry to the recovery routine and an SVC dump was produced. aaaaaaaaaa identifies the exit as either request or completion.
System Action: The dynamic I/O configuration exit terminates.
User Response: Retain the SVC dump. Contact Candle Customer Support.

CNDL175W  UNABLE TO OBTAIN PRIVATE STORAGE, SUBSYSTEM INITIALIZATION ROUTINE TERMINATING
Explanation: Candle subsystem initialization routine KCNDLINT cannot obtain working storage.
System Action: The routine terminates without performing any functions.
User Response: Contact Candle Customer Support.
CNDL176W  UNABLE TO ESTABLISH RECOVERY, SUBSYSTEM INITIALIZATION ROUTINE TERMINATING

Explanation: Candle subsystem initialization routine KCNDLINT cannot establish a recovery environment.
System Action: The routine terminates without performing any functions.
User Response: Contact Candle Customer Support.

CNDL177W  aaaa SUBSYSTEM UNABLE TO OBTAIN ECSA STORAGE RC=X'xx'

Explanation: Candle subsystem initialization routine KCNDLINT cannot obtain ECSA storage for subsystem aaaa.

aaaa        name of the subsystem
X'xx'       return code from the STORAGE macro

System Action: The routine terminates without obtaining or formatting the control block anchor for the Candle subsystem.
User Response: If you cannot address the problem indicated by the return code, contact Candle Customer Support.

CNDL178W  aaaa SUBSYSTEM UNABLE TO START ADDRESS SPACE bbbbbbbb, RETURN DATA = xxyy

Explanation: The Candle subsystem initialization routine KCNDLINT failed to start the subsystem address space.

aaaa        name of the subsystem
bbbbbbbb    name of the procedure specified by the SSPROC keyword
X'xx'       return code from the ASCRE macro
yy           reason code from the ASCRE macro

System Action: The routine terminates without starting the subsystem address space.
User Response: If the return information does not indicate an installation addressable problem, contact Candle Customer Support.

CNDL179A  INVALID PARAMETER STRING FOR SUBSYSTEM aaaa

Explanation: The Candle subsystem initialization routine KCNDLINT found a syntax error in the parameter string passed to it using the IEFSSNcc member of SYS1.PARMLIB. aaaa is the name of the subsystem.
System Action: The routine terminates without starting the subsystem address space.
User Response: Correct the parameter string in the appropriate IEFSSNcc member of SYS1.PARMLIB.
CNDL180A  
**aaaa SUBSYSTEM INPUT PARAMETER bbbbbbbbb OCCURS MULTIPLE TIMES**

**Explanation:** The Candle subsystem initialization routine KCNDLINT found a keyword parameter to have been entered more than once in the input parameters obtained from the IEFSSNcc member of SYS1.PARMLIB.

`aaaa` name of the subsystem.

`bbbbbbbb` keyword parameter occurring multiple times.

**System Action:** The routine terminates without starting the subsystem address space.

**User Response:** Correct the parameter string in the appropriate IEFSSNcc member of SYS1.PARMLIB.

CNDL181I  
**SVC DUMP TAKEN FOR CANDLE SUBSYSTEM aaaa**

**Explanation:** The Candle subsystem initialization routine KCNDLINT abended and an SVC dump was produced to gather diagnostic information. `aaaa` is the name of the subsystem.

**System Action:** The routine terminates.

**User Response:** Retain the dump and contact Candle Customer Support.

CNDL182A  
**CANDLE SUBSYSTEM aaaa, VALUE FOR KEYWORD SSPROC IS INVALID**

**Explanation:** The Candle subsystem initialization routine KCNDLINT has determined that the value coded for keyword SSPROC in the IEFSSNcc member of SYS1.PARMLIB is invalid. `aaaa` is the name of the subsystem.

**System Action:** The routine terminates without attempting to start the Candle subsystem address space.

**User Response:** Start the subsystem address space manually, or correct the appropriate member of SYS1.PARMLIB and re-IPL.

CNDL183A  
**CANDLE SUBSYSTEM aaaa, VALUE FOR RKANPAR KEYWORD MUST BE 2 BYTES LONG**

**Explanation:** Candle subsystem initialization routine KCNDLINT has determined that the value coded for keyword RKANPAR in the IEFSSNcc member of SYS1.PARMLIB is not 2 bytes long. `aaaa` is the name of the subsystem.

**System Action:** The routine terminates without attempting to start the Candle subsystem address space.

**User Response:** Start the subsystem address space manually, or correct the appropriate member of SYS1.PARMLIB and re-IPL.

CNDL184I  
**CANDLE SUBSYSTEM aaaa INITIALIZATION ROUTINE COMPLETED**

**Explanation:** The initialization routine specified in the IEFSSNcc member of SYS1.PARMLIB for subsystem `aaaa` has completed successfully. `aaaa` is the name of the subsystem.

**System Action:** The routine has successfully completed without error.

**User Response:** None. This message is informational only.
CNDL185I  CANDLE SUBSYSTEM aaaa INITIALIZATION ROUTINE RECOVERY SUCCESSFUL
Explanation: The initialization routine specified in the IEFSSNcc member of SYS1.PARMLIB for subsystem aaaa has successfully recovered from an abend. aaaa is the name of the subsystem.
System Action: The initialization routine terminates cleanly and returns control to the system.
User Response: None. This message is informational only. However, there should be other messages which will require action.

CNDL189W  SUBSYSTEM ADDRESS SPACE INITIALIZATION ROUTINE VALIDATION FAILURE
Explanation: The Candle subsystem routine that runs during Candle subsystem address space initialization did not complete successfully.
System Action: The Candle subsystem address space continues processing; however, the console operator command D A,L will not display the Subsystem address space as an active job on the system. To display the job, you must use the command D A,ssssssss, where sssssssss is the name of the subsystem started task.
User Response: Gather SYSLOG and possible SVC dump information, and contact Candle Customer Support.

CS075  UNABLE TO ESTABLISH VIRTUAL SESSION FOR sid. MAKE SURE THE SPECIFIED APPLICATION IS AVAILABLE AND A VALID LOGMODE IS BEING USED.
Explanation: An attempt was made to establish a session using the identified session ID, but the attempt failed.
System Action: None.
User Response: Follow the message instructions.

CSAA000I  CSAA SUBSYSTEM INITIALIZATION IN PROGRESS
Explanation: The CSA Analyzer (CSAA) subsystem initialization started.
System Action: Initialization processing continues.
User Response: None.

CSAA001I  CSAA SUBSYSTEM INITIALIZATION COMPLETED SUCCESSFULLY
Explanation: The CSAA subsystem initialization processing completed successfully.
System Action: The CSAA subsystem is ready to capture and report common storage usage.
User Response: None.

CSAA100E  CSAA SUBSYSTEM ALREADY RUNNING
Explanation: The CSAA subsystem was already running when this CSAA subsystem address space tried to initialize. Only one CSAA subsystem address space can be active at a time.
System Action: The second CSAA subsystem address space terminates.
User Response: Stop the CSAA subsystem before starting another CSAA subsystem.
CSAA200E  PREMATURE END OF INPUT PARAMETERS
Explanation: The input parameters for the CSAA subsystem ended before expected.
System Action: The CSAA subsystem terminates.
User Response: Check the input parameters for proper syntax.

CSAA210E  INPUT PARAMETER SYNTAX ERROR AT POSITION xx
Explanation: CSAA detected an error at the specified position of the input parameter.
System Action: The CSAA subsystem terminates.
User Response: Check the input parameters for proper syntax.

CSAA299E  CSAA SUBSYSTEM TERMINATING DUE TO PARAMETER ERROR.
Explanation: CSAA detected an error in the input parameter.
System Action: The CSAA subsystem terminates.
User Response: Check the input parameters for proper syntax; then restart the CSAA subsystem.

CSAA300E  UNABLE TO LOAD CSAA MODULE cccccccc, ABEND=xxxx RC=yyyy
Explanation: The CSA Analyzer™ could not load the specified CSAA module cccccccc into virtual storage.
System Action: The CSAA subsystem terminates.
User Response: Ensure that the CSA Analyzer can access the CSAA load modules through LPALST, LINKLST, JOBLIB or STEPLIB concatenation.

CSAA320E  UNABLE TO ATTACH CONSOLE COMMUNICATION TASK
Explanation: The CSA Analyzer could not attach the console communication subtask.
System Action: The CSAA subsystem terminates.
User Response: Ensure that the CSA Analyzer can access the KCSCOMM load module through LPALST, LINKLST, JOBLIB or STEPLIB concatenation.

CSAA330E  UNABLE TO ATTACH SYSTEM TREND TASK
Explanation: The CSA Analyzer could not attach the system trend subtask.
System Action: The CSAA subsystem terminates.
User Response: Ensure that the CSA Analyzer can access the KCSSTRN load module through LPALST, LINKLST, JOBLIB or STEPLIB concatenation.

CSAA340E  UNABLE TO START JOB TREND TIMER
Explanation: The CSA Analyzer could not start the job trend timer.
System Action: The CSAA subsystem terminates.
User Response: Call Candle Customer Support.

CSAA341E  JOB TREND PROCESSING ERROR
Explanation: Job trend processing routine encountered an error.
System Action: The CSAA subsystem terminates.
User Response: Call Candle Customer Support.
CSAA350E  UNABLE TO START ORPHAN PROCESSING TIMER
Explanation: The orphan processing routine timer could not be started.
System Action: The CSAA subsystem terminates.
User Response: Call Candle Customer Support.

CSAA351E  ORPHAN PROCESSING ERROR
Explanation: Orphan processing routine encountered an error.
System Action: The CSAA subsystem terminates.
User Response: Call Candle Customer Support.

CSAA352E  UPDATE PROCESSING ERROR; CSAA SUBSYSTEM SUSPENDED
Explanation: The CSA Analyzer has experienced an error while processing.
System Action: The CSAA subsystem is suspended from collecting new data and a system dump is produced.
User Response: Save the system dump and SYSLOG and contact Candle Customer Support for assistance.

CSAA399E  UNABLE TO LOCATE AND/OR LOAD ALL MODULES
Explanation: During CSAA initialization, the CSA Analyzer could not locate or load one or more CSAA load modules into virtual storage.
System Action: The CSAA subsystem terminates.
User Response: Ensure that the CSA Analyzer can access the CSAA load modules through LPALST, LINKLST, JOBLIB or STEPLIB concatenation.

CSAA700E  SSCVT CHAIN IS INVALID, UNABLE TO ADD CSAA SSCVT
Explanation: The CSA Analyzer encountered an error while trying to add the CSAA SSCVT dynamically to the SSCVT chain.
System Action: The CSAA subsystem terminates.
User Response: Define the CSAA subsystem in the SYS1.PARMLIB(IEFSSNxx) and IPL the system.

CSAA710E  UNABLE TO ESTABLISH ERROR RECOVERY ENVIRONMENT
Explanation: The CSA Analyzer could not establish the CSAA subsystem error recovery environment.
System Action: The CSAA subsystem terminates.
User Response: Call Candle Customer Support.

CSAA720E  UNABLE TO INSTALL THE EXTRACTOR
Explanation: The CSA Analyzer could not install its extraction routine.
System Action: The CSAA subsystem terminates.
User Response: The CSA Analyzer cannot co-exist with some common storage monitors from other vendors. Call Candle Customer Support.

CSAA730E  CSAA EXTRACTOR IN ERROR, EXTRACTOR REMOVED
Explanation: The CSAA data extraction routine encountered an error. The CSA Analyzer removes the extraction routine from the system.
System Action: The CSAA subsystem terminates.
User Response: Call Candle Customer Support.
CSAA740E  UNABLE TO LOCATE THE DATA BUFFER
Explanation: The CSA Analyzer could not locate the CSAA extraction routine’s data buffer.
System Action: The CSAA subsystem terminates.
User Response: Call Candle Customer Support.

CSAA800E  UNABLE TO OBTAIN FIXED ECSA STORAGE FOR SSCVT
Explanation: The CSA Analyzer could not obtain storage for the CSAA SSCVT from extended CSA.
System Action: The CSAA subsystem terminates.
User Response: Check if all of extended CSA is in use. If not call Candle Customer Support.

CSAA801E  UNABLE TO OBTAIN FIXED ECSA STORAGE FOR CSAAVT
Explanation: The CSA Analyzer could not obtain storage for the CSAA vector table from extended CSA.
System Action: The CSAA subsystem terminates.
User Response: Check if all of extended CSA is in use. If not call Candle Customer Support.

CSAA802E  UNABLE TO OBTAIN FIXED ECSA STORAGE FOR CACHE BUFFER
Explanation: The CSA Analyzer could not obtain storage for the cache buffer from extended CSA.
System Action: The CSAA subsystem terminates.
User Response: Check if all of extended CSA is in use. If not call Candle Customer Support.

CSAA804E  UNABLE TO OBTAIN FIXED ECSA STORAGE FOR DATA BUFFER
Explanation: The CSA Analyzer could not obtain storage for the data buffer from extended CSA.
System Action: The CSAA subsystem terminates.
User Response: Check if all of extended CSA is in use. If not call Candle Customer Support.

CSAA805E  UNABLE TO OBTAIN ESQA STORAGE FOR SRB
Explanation: The CSA Analyzer was unable to obtain storage for an SRB.
System Action: The CSAA subsystem terminates.
User Response: Call Candle Customer Support.

CSAA810E  UNABLE TO OBTAIN PAGABLE ECSA STORAGE
Explanation: The CSA Analyzer could not obtain storage for the CSAA data areas from extended CSA.
System Action: The CSAA subsystem terminates.
User Response: Check if all of extended CSA is in use. If not call Candle Customer Support.
CSAA811E UNABLE TO OBTAIN DATA ELEMENT STORAGE IN PAGABLE ECSA
Explanation: The CSA Analyzer could not obtain storage for the data elements from extended CSA.
System Action: The CSAA subsystem terminates.
User Response: Increase the value for the PAGE= parameter. If the problem persists, call Candle Customer Support.

CSAA820E UNABLE TO OBTAIN EXTENDED PRIVATE STORAGE
Explanation: The CSA Analyzer could not obtain extended private storage.
System Action: The CSAA subsystem terminates.
User Response: Increase the region size for the CSAA address space. If the problem persists, call Candle Customer Support.

CSAA850I MONITORING ACTIVE FOR aaa/aaaa
Explanation: The CSA Analyzer found that the MVS Common Storage Tracking function has been enabled and monitoring is now active for the indicated Common Storage Areas. The possible values for aaa/aaaa are:
- CSA/ECSA - Common Service Area and Extended Common Service Area
- SQA/ESQA - System Queue Area and Extended System Queue Area
System Action: The CSAA subsystem is available to report on common storage usage.
User Response: None.

CSAA851I MONITORING INACTIVE FOR aaa/aaaa
Explanation: The CSA Analyzer found that the MVS Common Storage Tracking function has been disabled and common storage usage information is unavailable for the indicated Common Storage Areas. The possible values for aaa/aaaa are:
- CSA/ECSA - Common Service Area and Extended Common Service Area
- SQA/ESQA - System Queue Area and Extended System Queue Area
System Action: The indicated common storage area will not be reported on.
User Response: Enable the MVS Common Storage Tracking function. See the MVS/ESA Initialization and Tuning Reference for further information on enabling the VSM Storage Tracking function.

CSAA852I PROGRAM - pppppppp VERSION - vvvvvvv MAINTENANCE - mmmmmmmm
Explanation: The CSAA program pppppppp is at version vvvvvvv. The current maintenance level is mmmmmmmm.
System Action: This diagnostic message may be issued with other CSAA messages.
User Response: See other CSAA messages for further information. This diagnostic message may provide useful information in determining current maintenance level.
CSAA860E  MVS COMMON STORAGE TRACKING LEVEL NOT SUPPORTED - nnnn
Explanation: The CSA Analyzer found that the MVS Common Storage Tracking function is at LEVEL nnnn, a level that is not supported due to maintenance or release level. The MVS Common Storage Tracking function is at LEVEL nnnn. All common storage usage information is unavailable.
System Action: The CSAA subsystem address space terminates.
User Response: Contact Candle Customer Support.

CSAA861E  FAILURE DETECTED IN MVS COMMON STORAGE TRACKING
Explanation: The CSA Analyzer found that the MVS Common Storage Tracking function has been disabled due to internal problems with the IBM virtual storage management component. All common storage usage information is unavailable.
System Action: The CSAA subsystem address space terminates.
User Response: Contact your system programmer. If an SVC dump was produced by the CSAA address space, this may provide additional diagnostics for IBM support personnel.

CSAA890E  USE THE STOP COMMAND TO TERMINATE THE CSAA SUBSYSTEM
Explanation: The CSA Analyzer has experienced an error, described by a previous message. The MVS STOP command should be issued to stop the CSAA address space.
System Action: The CSAA subsystem is suspended from collecting new data.
User Response: Examine the CSAA message which appears before this message in the SYSLOG; it will describe the reason the CSAA has been suspended. OMEGAMON commands may be used before the CSAA is stopped to examine the current CSAA data. The MVS STOP command should then be issued to stop the CSAA address space. The MVS START command can then be issued to restart the CSAA address space.

CSAA899E  CSAA SUBSYSTEM TERMINATED DUE TO INSUFFICIENT STORAGE
Explanation: The CSA Analyzer could not obtain the storage required by the CSAA subsystem. The accompanying CSAA8xxE message identifies the type of storage that could not be obtained.
System Action: The CSAA subsystem terminated.
User Response: Follow the directions in the accompanying CSAA8xxE messages.

CSAA900E  CSAA SUBSYSTEM VERSION DOES NOT MATCH KCSEXTR VERSION
Explanation: The CSAA subsystem version does not match the initialization routine version.
System Action: The CSAA subsystem terminates.
User Response: Ensure that all CSAA load modules are of the same version. Check the LPALST and LINKLST concatenation for duplicate modules. If the problem cannot be resolved, call Candle Customer Support.
CSAA901E  CSAA SUBSYSTEM VERSION DOES NOT MATCH KCSEXTR VERSION
Explanation: The CSAA subsystem version does not match the extraction routine version.
System Action: The CSAA subsystem terminates.
User Response: Ensure that all CSAA load modules are of the same version. Check the LPALST and LINKLST concatenation for duplicate modules. If the problem cannot be resolved, call Candle Customer Support.

CSAA902E  CSAA SUBSYSTEM VERSION DOES NOT MATCH KCSMGR VERSION
Explanation: The CSAA subsystem version does not match the CSAA manager version.
System Action: The CSAA subsystem terminates.
User Response: Ensure that all CSAA load modules are of the same version. Check the LPALST and LINKLST concatenation for duplicate modules. If the problem cannot be resolved, call Candle Customer Support.

CSAA910W  CSAA via WILL EXPIRE ON mm/dd/yy
Explanation: This message indicates the expiration date of the CSAA product. It displays each time you start the CSAA subsystem, 30 days prior to the actual expiration date.
System Action: Processing continues.
User Response: Call Candle Customer Support.

CSAA911E  CSAA vvvv HAS EXPIRED, CALL CANDLE CORPORATION
Explanation: The specified version of the CSAA expired.
System Action: The CSAA subsystem is terminated.
User Response: Call Candle Corporation to order the latest version of the CSA Analyzer.

CSAA997E  CSAA SUBSYSTEM ABNORMAL TERMINATION
Explanation: The CSAA subsystem encountered an error and terminates abnormally.
System Action: The CSAA subsystem terminates.
User Response: Call Candle Customer Support.

CSAA998I  CSAA STOP COMMAND ACCEPTED
Explanation: The CSAA subsystem accepted the stop command.
System Action: The CSAA subsystem terminates.
User Response: None.

CSAA999I  CSAA SUBSYSTEM TERMINATION IN PROGRESS
Explanation: The CSAA subsystem is terminating.
System Action: The CSAA subsystem terminates.
User Response: None.
CT003  ACCESS FAILED FOR TABLE *tablename*. THE TABLE WAS NOT OPEN.
Explanation: An attempt was made to access a table before the table was opened.
System Action: The table is not processed.
User Response: Call Candle Customer Support.

CV0001  UNKNOWN COLLECTOR COMMAND
Explanation: The collector command entered was not valid.
System Action: The command entered is rejected.
User Response: Re-enter the correct command.

CV0002  command COMMAND COMPLETE
Explanation: The collector command completed successfully.
System Action: The command performs its intended function.
User Response: None. This is an informational message only.

CV0003  command SCHEDULED
Explanation: The collector command is scheduled.
System Action: The command performs its intended function.
User Response: None. This is an informational message only.

CV0004  command COMMAND REJECTED, INVALID ARGUMENT
Explanation: The specified command has an invalid argument.
System Action: The command is rejected.
User Response: Correct the error and reissue the command.

CV0005  command COMMAND NOT SUPPORTED IN THE RELEASE OF VM
Explanation: The collector command entered is not supported in the release of VM on which the collector is running.
System Action: None.
User Response: Note that this command is not available.

CV0006  command COMMAND REJECTED, MISSING ARGUMENT
Explanation: The specified command is missing an argument.
System Action: The command is rejected.
User Response: Correct the error and reissue the command.

CV0007  command COMMAND REJECTED, TOO MANY ARGUMENTS
Explanation: The specified command has too many arguments.
System Action: The command is rejected.
User Response: Correct the error and reissue the command.

CV0010  COLLECTOR VERSION *vvv dayofweek date time*
Explanation: The collector was started or restarted.
System Action: None.
User Response: None. This is an informational message only.
CV0020 COLLECTOR STOPPED or RESTARTED dayofweek date time
Explanation: The collector was stopped or restarted.
System Action: None.
User Response: None. This is an informational message only.

CV0100 USER userid SENT COMMAND commandtext
Explanation: A collector command was received from this user.
System Action: The collector executes the command if it is valid.
User Response: None. This is an informational message only.

CV0110 COMMAND REJECTED, userid NOT AUTHORIZED
Explanation: A collector command was received from this user.
System Action: The collector rejects the command because the user is not authorized.
User Response: See the AUTHORIZE parameter in the OPTIONS statement.

CV0120 COMMAND REJECTED, reason MONITOR RECORD RANGE
Explanation: The MONINCLUDE/EXCLUDE monitor record range specified was missing, invalid, incomplete, or had extraneous information.
System Action: The command is rejected.
User Response: See the Epilog for VM Product Manual for the proper command format.

CV0121 COMMAND REJECTED, INVALID MONITOR DOMAIN
Explanation: The MONINCLUDE/EXCLUDE monitor record range specified had an invalid domain.
System Action: The command is rejected.
User Response: See the IBM Manual, CP Programming Services, for valid domains.

CV0122 COMMAND REJECTED, INVALID MONITOR RECORD FOR DOMAIN
Explanation: The MONINCLUDE/EXCLUDE monitor record range specified had an invalid record.
System Action: The command is rejected.
User Response: See the IBM Manual, CP Programming Services, for valid records.

CV0130 COMMAND REJECTED, INVALID NUMERIC DATA
Explanation: The specified command contained invalid numeric data.
System Action: The command is rejected.
User Response: Enter correct data and reissue the command.
CV0139  
ccc RETURN CODE = n

**Explanation:** The collector executed the ccc command. ccc indicates either CP or CMS. n is the return code from CP or CMS depending on the command executed.

**System Action:** Control returns to the collector.

**User Response:** None. This is an informational message only. Consult the IBM System Messages and Code Reference Manual for the meaning of the CP/CMS command return code.

CV0200  
USING CONTROL FILE fn ft fm

**Explanation:** The collector is processing this control file.

**System Action:** None.

**User Response:** None. This is an informational message only.

CV0210  
>>>WARNING<<< UNABLE TO LOCATE CONTROL FILE fn ft fm

**Explanation:** The collector could not locate a file by this name.

**System Action:** The collector does not start.

**User Response:** Correct the error and restart the collector.

CV0215  
>>>WARNING<<< I/O ERROR WHILE READING CONTROL FILE

**Explanation:** The collector encountered an I/O error while trying to read the control file.

**System Action:** The collector does not start.

**User Response:** Correct the error and restart the collector.

CV0220  
>>>WARNING<<< CONTROL FILE IS NOT 80 BYTE FIXED LENGTH RECORDS

**Explanation:** The control file must be a fixed length format of 80 bytes.

**System Action:** The collector does not start.

**User Response:** Correct the error and restart the collector.

CV0230  
UNKNOWN KEYWORD, RECORD #recnum

**Explanation:** The collector encountered an unknown keyword in the control file.

**System Action:** The collector does not start.

**User Response:** Correct the error and restart the collector.

CV0231  
INVALID KEYWORD, RECORD #recnum

**Explanation:** An invalid keyword was encountered in the control file.

**System Action:** The collector does not start.

**User Response:** Correct the error and restart the collector.

CV0232  
VALUE IS WRONG LENGTH, RECORD #recnum

**Explanation:** The indicated value is not the required length.

**System Action:** The collector does not start.

**User Response:** Check the format for this parameter. Correct the error and restart the collector.
CV0233  INVALID MONITOR DOMAIN, RECORD #recnum
Explanation: The specified value is not a valid domain number.
System Action: The collector does not start.
User Response: Correct the error and restart the collector.

CV0234  INVALID MONITOR RECORD FOR DOMAIN, RECORD #recnum
Explanation: The specified value is not a valid record number for the selected domain.
System Action: The collector does not start.
User Response: Correct the error and restart the collector.

CV0235  INVALID DATA, RECORD #recnum
Explanation: The data provided is inappropriate for this operand.
System Action: The collector does not start.
User Response: Correct the error and restart the collector.

CV0237  INCOMPLETE RANGE OF VALUES, RECORD #recnum
Explanation: A range of values was indicated by a dash (-) but there was no TO value specified before the collector encountered the ending parenthesis.
System Action: The collector does not start.
User Response: Correct the error and restart the collector.

CV0238  'TO' VALUE LESS THAN 'FROM', RECORD #recnum
Explanation: In a range of values, the FROM value was larger than the TO value.
System Action: The collector does not start.
User Response: Correct the error and restart the collector.

CV0239  MONITOR RELATED SYNTAX HAS BEEN CHANGED. PLEASE REFER TO MANUAL FOR CORRECT SYNTAX.
Explanation: MONITOR-related syntax has been changed in OMEGAMON for VM Version 500.
System Action: The collector does not start.
User Response: Enter the correct syntax and restart the collector.

CV0240  REQUIRED LIST IN PARENTHESES IS MISSING, RECORD #recnum
Explanation: The preceding operand requires a value in parentheses.
System Action: The collector does not start.
User Response: Correct the error and restart the collector.

CV0241  MAINTC COMMAND LENGTH EXCEEDED ON RECORD #recnum
Explanation: The length of the command specified on the MAINTC keyword exceeded the maximum length of 255 characters.
System Action: The collector does not start.
User Response: Shorten the length of the command specified on MAINTC and restart the collector.
CV0242 ENDING QUOTE IS MISSING, RECORD #recnum
Explanation: The collector found a starting quote, but the ending quote is not on the same record.
System Action: The collector does not start.
User Response: Correct the error and restart the collector.

CV0243 ZERO LENGTH WORD IN QUOTES, RECORD #recnum
Explanation: Two quotes in a row were detected.
System Action: The collector does not start.
User Response: Correct the error and restart the collector.

CV0245 WRONG NUMBER OF VALUES FOR KEYWORDS, RECORD #recnum
Explanation: This list contains the wrong number of values.
System Action: The collector does not start.
User Response: Check the format for this parameter. Correct the error and restart the collector.

CV0246 WRONG NUMBER OF VALUES FOR STATEMENT, RECORD #recnum
Explanation: This list contains the wrong number of values.
System Action: The collector does not start.
User Response: Check the format for this statement. Correct the error and restart the collector.

CV0247 TOO MANY VALUES FOR KEYWORD, RECORD #recnum
Explanation: This list contains too many values. The values do not fit in the work area.
System Action: The collector does not start.
User Response: Correct the error and restart the collector.

CV0248 TOO MANY VALUES FOR STATEMENT, RECORD #recnum
Explanation: Too many values were specified in this list.
System Action: The collector does not start.
User Response: Correct the error and restart the collector.

CV0249 ENDING QUOTE IS MISSING, STARTING WITH RECORD #recnum
Explanation: A starting quote was found, but a matching ending quote was not found on the same or on a following line.
System Action: The collector does not start.
User Response: Correct the syntax error and restart the collector.

CV0250 ENDING PARENTHESIS IS MISSING, RECORD #recnum
Explanation: The ending parenthesis is missing from a value list.
System Action: The collector does not start.
User Response: Correct the error and restart the collector.

CV0252 INVALID NUMERIC DATA, RECORD #recnum
Explanation: This value should be numeric data.
System Action: The collector does not start.
User Response: Correct the error and restart the collector.
<table>
<thead>
<tr>
<th>Code</th>
<th>Message</th>
<th>Explanation</th>
<th>System Action</th>
<th>User Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>CV0253</td>
<td>INVALID HEX DATA, RECORD #recnum</td>
<td>This value should be hexadecimal data.</td>
<td>The collector does not start.</td>
<td>Correct the error and restart the collector.</td>
</tr>
<tr>
<td>CV0255</td>
<td>MUTUALLY EXCLUSIVE KEYWORDS, RECORD #recnum</td>
<td>This operand conflicts with a previous operand.</td>
<td>The collector does not start.</td>
<td>Correct the error and restart the collector.</td>
</tr>
<tr>
<td>CV0257</td>
<td>VALUE SHOULD BE OF THE FORM HH:MM, RECORD #recnum</td>
<td>The format of this value is not in hours and minutes.</td>
<td>The collector does not start.</td>
<td>Correct the error and restart the collector.</td>
</tr>
<tr>
<td>CV0258</td>
<td>INVALID MONITOR RECORD RANGE, RECORD #recnum</td>
<td>The format of this value is not hours and minutes.</td>
<td>The collector does not start.</td>
<td>Correct the error and restart the collector.</td>
</tr>
<tr>
<td>CV0259</td>
<td>&gt;&gt;&gt;WARNING&lt;&lt;&lt; NO RECORD EXCLUDED, RECORD #recnum</td>
<td>A MONEXCLUDE range contained no previously included MONITOR records.</td>
<td>None.</td>
<td>None. This is an informational message only.</td>
</tr>
<tr>
<td>CV0260</td>
<td>DUPLICATE KEYWORD, RECORD #recnum</td>
<td>This operand has already been used on this statement.</td>
<td>The collector does not start.</td>
<td>Correct the error and restart the collector.</td>
</tr>
<tr>
<td>CV0262</td>
<td>REQUIRED KEYWORD IS MISSING IN PREVIOUS STATEMENT, RECORD #recnum</td>
<td>A required keyword is missing.</td>
<td>The collector does not start.</td>
<td>Correct the error and restart the collector.</td>
</tr>
<tr>
<td>CV0263</td>
<td>&gt;&gt;&gt;WARNING&lt;&lt;&lt; KEYWORD NOT SUPPORTED IN THIS RELEASE OF VM, RECORD #recnum</td>
<td>The specified keyword is valid, but is not supported in the VM release on which the collector is running.</td>
<td>None.</td>
<td>None. This is an informational message only.</td>
</tr>
<tr>
<td>CV0264</td>
<td>&gt;&gt;&gt;WARNING&lt;&lt;&lt; STATEMENT NOT SUPPORTED IN THIS RELEASE OF VM, RECORD #recnum</td>
<td>The specified statement is valid, but it is not supported in the VM release on which the collector is running.</td>
<td>None.</td>
<td>None. This is an informational message only.</td>
</tr>
</tbody>
</table>
CV0265  KEYWORD NOT VALID IN THIS STATEMENT, RECORD #recnum
Explanation: The specified operand is not valid for this statement type.
System Action: The collector does not start.
User Response: Correct the error and restart the collector.

CV0267  PREVIOUSLY USED GROUP NAME, RECORD #recnum
Explanation: The name specified in the GROUP operand was used in a previous COLLECT statement.
System Action: The collector does not start.
User Response: Correct the error and restart the collector.

CV0270  ONLY 1 OPTIONS STATEMENT ALLOWED, RECORD #recnum
Explanation: More than one OPTIONS statement is in the control file.
System Action: The collector does not start.
User Response: Correct the error and restart the collector.

CV0273  OPTIONS STATEMENT IS MISSING
Explanation: The OPTIONS statement is not in the control file.
System Action: The collector does not start.
User Response: Correct the error and restart the collector.

CV0275  OPTIONS STATEMENT IS INCOMPLETE
Explanation: The OPTIONS statement is missing a required operand.
System Action: The collector does not start.
User Response: Correct the error and restart the collector.

CV0277  MONSAMPLE INTERVAL IS LARGER THAN RECORDING INTERVAL
Explanation: The MONITOR sample interval must be less than or equal to the collector recording interval.
System Action: The collector does not start.
User Response: Correct the error and restart the collector.

CV0278  MONINCLUDE AND MONEXCLUDE REQUIRE MONITOR(* FILTER)
Explanation: A MONINCLUDE or MONEXCLUDE statement was specified and the MONITOR(* FILTER) option was not included in COLLECT CONTROL.
System Action: The collector does not start.
User Response: Correct the error and restart the collector.

CV0280  controlfilerecord
Explanation: This is the text of the failing record. There will be an asterisk under the failing column.
System Action: None.
User Response: None. This is an informational message only.

CV0290  >>>WARNING<<< ERRORS WERE FOUND IN CONTROL FILE fn ft fm
Explanation: The collector encountered at least one error while processing the control file.
System Action: The collector does not start.
User Response: Correct the error and restart the collector.
CV0291  CONTROL FILE fn ft fm PROCESSING FAILED. COLLECTOR TERMINATING.
Explanation: At least one error was encountered in processing the control file during RESTART command processing. This message is sent to the user who scheduled the RESTART.
System Action: Collector operation is terminated.
User Response: Correct the error and restart the collector.

CV0320  EPILOG FILE fn ft fm IS NOT VARIABLE LENGTH RECORDS
Explanation: This file already exists and it is not in a variable length record format.
System Action: The collector does not start.
User Response: Change the record format to variable length or delete the existing file.

CV0340  >>>WARNING<<< cccccc filemode DISK IS nnn% FULL
Explanation: The minidisk that contains the EPILOG or MONITOR files is nnn% full.
System Action: The command specified by the MAINTCOMMAND keyword will be invoked, or data collection will continue until the disk is 100% full. EPILOG or MONITOR recording will stop when the disk is 100% full.

CV0350  >>>WARNING<<< UNABLE TO WRITE ON cccccc filemode DISK
Explanation: The EPILOG or MONITOR files must be written on the CMS filemode disk. Either the filemode disk is not accessed, or it is accessed as read-only.
System Action: The collector terminates.
User Response: Obtain write access to the disk and restart the collector.

CV0352  >>>WARNING<<< NO DISK AVAILABLE FOR OUTPUT. COLLECTOR STOPPED WRITING.
Explanation: There is no Collector disk installed.
System Action: The operation terminates.
User Response: You must define a Collector disk. See INSTALL 0100: Installation Prerequisites in the OMEGAMON and EPILOG for VM Installation and Customization Guide.

CV0360  >>>WARNING<<< I/O ERROR code ON cccccc filemode DISK
Explanation: The minidisk that contains the EPILOG or MONITOR files had a permanent I/O error.
System Action: The collector stops recording EPILOG or MONITOR records.
User Response: Correct the error and restart the collector.
CV0401  >>>WARNING<<< INSUFFICIENT STORAGE FOR BOTTLENECK REQUEST type userid
Explanation: The collector is unable to obtain the space required for the impact and bottleneck analysis control block. type may be USER or GROUP.
System Action: The collector does not collect for this user or group during this recording interval.
User Response: Increase the virtual memory and restart the collector.

CV0402  >>>WARNING << GROUP NAME name UNDEFINED FOR BOTTLENECK REQUEST
Explanation: The collector is unable to find the group name in the impact and bottleneck analysis group name list.
System Action: The collector does not collect for this group.
User Response: Correct the error and restart the collector.

CV0500  response from CP command
Explanation: This is the text of the response to the CP command entered by the CP operator command.
System Action: None.
User Response: None. This is an informational message only.

CV0505  line of help
Explanation: This is a line from the help file.
System Action: None.
User Response: None. This is an informational message only.

CV0510  COLLECT STATEMENT #n (filt-type) IS ACTIVE|INACTIVE
Explanation: This is a response line from the QUERY FILTERS statement.
System Action: None.
User Response: None. This is an informational message only.

CV0520  BYTES OF FREE STORAGE IN USE: n
Explanation: This is the amount of FREE storage currently in use.
System Action: None.
User Response: None. This is an informational message only.

CV0530  HIGH WATER MARK: n
Explanation: This is the largest amount of FREE storage used by the collector.
System Action: None.
User Response: None. This is an informational message only.

CV0535  LARGEST BLOCK AVAILABLE: n
Explanation: This is the largest single block of FREE storage that is still available.
System Action: None.
User Response: None. This is an informational message only.
CV0540

modulename releasenumber date time loadaddress size

Explanation: This is a list of the modules in the collector.
System Action: None.
User Response: None. This is an informational message only.

CV0550

TOTAL SIZE OF COLLECTOR MODULE: n

Explanation: The size of all the collector modules is n bytes.
System Action: None.
User Response: None. This is an informational message only.

CV0560

NO ZAPS APPLIED

Explanation: No maintenance has been applied to the collector.
System Action: None.
User Response: None. This is an informational message only.

CV0570

ZAP #nnn VERSION nnn APPLIED

Explanation: This ZAP has been applied to the collector.
System Action: None.
User Response: None. This is an informational message only.

CV0590

EPILOG DISK IS nnn% FULL

Explanation: The minidisk that contains the EPILOG files is nnn% full.
System Action: None.
User Response: None. This is an informational message only.

CV0592

MAINTCOMMAND command

Explanation: This is a response line for the QUERY DISK and QUERY MAINTC statements. It is also displayed when the command specified on the OPTIONS MAINTC statement is invoked as a result of the datastore exceeding its percent-full threshold.
System Action: None.
User Response: None.

CV0593

MAINTCOMMAND ISSUED AT time ON date

Explanation: This message is displayed when the command specified on the OPTIONS MAINTC statement is invoked as a result of the datastore exceeding its percent-full threshold. It is also displayed when the QUERY DISK and QUERY MAINTC statements are issued, providing that the command specified on OPTIONS MAINTC has been issued at least once.
System Action: None.
User Response: None.
CV0594 MAINTCOMMAND CURRENTLY NOT SPECIFIED
Explanation: This message is displayed when the QUERY DISK and QUERY MAINTC statements are issued, and there is no command specified on the OPTIONS MAINTC statement. A null SET MAINTC statement can cause this message to appear since it overrides a command previously specified on an OPTIONS MAINTC statement.
System Action: None.
User Response: None.

CV0601 IUCV CONNECT WITH pathiduserid FAILED, IPRCODE = rc
Explanation: An attempt to make an IUCV CONNECT failed.
System Action: None.
User Response: Check the IUCV CONNECT IPRCODE to determine the cause of the failure, and take corrective action.

CV0602 SEGMENT LOAD OF dcssname FAILED - RC = rc
Explanation: The CMS SEGMENT LOAD of the named DCSS failed.
System Action: Collection of CP MONITOR data is disabled.
User Response: Check the CMS SEGMENT MACRO return code to determine the cause of the problem. Make appropriate corrections.

CV0603 UNABLE TO WRITE TO COLLECTOR DCSS
Explanation: The collector DCSS was defined with a protected attribute.
System Action: The collector skips collection of CP MONITOR data in CVOVDATA.
User Response: Purge the current CVOVDATA segment, and redefine it with the SW attribute.

CV0604 THE COLLECTOR DCSS NAME IS: cccccccc
Explanation: This is a response line to a QUERY DCSSNAME operator command.
System Action: None.
User Response: None. This is an informational message only.

CV0615 userid SEVERED PATH
Explanation: The virtual machine specified in the MONITOR option severed its path to the collector.
System Action: None.
User Response: None. This is an informational message only.

CV0616 MONITOR SEVERED PATH,IPUSER = rc
Explanation: CP MONITOR severed its path to the collector.
System Action: MONITOR data is no longer available to the collector.
User Response: Consult the IBM CP Programming Services manual for the meaning of IPUSER code. Restart the collector. If the problem occurs again, contact Candle Customer Support.
CV0617  MONITOR START FAILED. PATH SEVERED.
Explanation: The collector severed the path to CP MONITOR because the MONITOR start failed.
System Action: MONITOR data is no longer available to the collector.
User Response: Consult the IBM return code from the previous MONITOR START command, and correct the error(s). Restart the collector.

CV0619  MONITOR SENT PARTIAL event/sample MESSAGE
Explanation: The CP MONITOR sent a partial event or sample message due to insufficient space in the data area.
System Action: The collector may collect incomplete data.
User Response: Reconfigure the MONITOR DCSS by adjusting the DCSS segment sizes (for example, PARTition, ECONfigsize and SCONfigsize) or adjusting event and/or sample collection filters.

CV0640  IUCV type ERROR ON PATH pathid RC = rc
Explanation: An IUCV error occurred while attempting to perform an operation on the indicated path number.
System Action: The IUCV connection is severed.
User Response: Check the IUCV IPRCODE return code for the type of operation to determine what caused the error and take corrective action as indicated.

CV0650  -----BOTTLENECK ANALYSIS-----
Explanation: Response from QUERY DEX operator command.
System Action: None.
User Response: None. This is an informational message only.

CV0651  SESSIONS BY type
Explanation: Response from QUERY DEX operator command.
System Action: None.
User Response: None. This is an informational message only.

CV0655  userid---name (nn.n timeunit ;idletime)
Explanation: This is a response line from the QUERY DEX operator command. Idletime appears only if IDLEDEX is greater than 00:00.
System Action: None.
User Response: None. This is an informational message only.

CV0656  -----IMPACT ANALYSIS-----
Explanation: Response from QUERY DEX operator command.
System Action: None.
User Response: None. This is an informational message only.

CV0658  NONE
Explanation: Response from QUERY DEX operator command meaning no collection sessions have been started.
System Action: None.
User Response: None. This is an informational message only.
CV0659  IDLE BOTTLENECK|IMPACT SESSION FROM userid PURGED:
SYSTEMIUSERIGROUP system|userid|groupname
Explanation: This is an informational message caused by the IDLEDEX
keyword.
System Action: An impact analysis or bottleneck analysis request has been
purged after being idle longer than the specified time limit.
User Response: None. This is an informational message only.

CV0660  userid COLLECTION SESSIONS PURGED
Explanation: Response from PURGE operator command.
System Action: All impact and bottleneck analysis sessions for this user are
purged.
User Response: None. This is an informational message only.

CV0661  keyword type (STATEMENT #n) ACTIVE or INACTIVE
Explanation: This is a response line from a QUERY COLLECT|EXCLUDE
operator command.
System Action: None.
User Response: None. This is an informational message only.

CV0662  pattern pattern pattern
Explanation: This is a response line from a QUERY COLLECT|EXCLUDE
operator command.
System Action: None.
User Response: None. This is an informational message only.

CV0663  pattern-pattern pattern
Explanation: This is a response line from a QUERY COLLECT|EXCLUDE
operator command.
System Action: None.
User Response: None. This is an informational message only.

CV0664  keyword parm parm
Explanation: This is a response line from a QUERY COLLECT|EXCLUDE
operator command.
System Action: None.
User Response: None. This is an informational message only.

CV0665  keyword STATEMENT NOT FOUND
Explanation: This is a response line from a QUERY COLLECT|EXCLUDE
operator command. The specified COLLECT or EXCLUDE statement does not
exist.
System Action: None.
User Response: Correct the error and reissue the statement.
CV0666  NODISABLE
Explanation:  This is a response from the Q COLLECT/EXCLUDE operator command.
System Action:  None.
User Response:  None. This is an informational message only.

CV0670  MONITOR DATA (userid parm parm parm parm)
Explanation:  This is response line 1 from the QUERY MONITOR command. It shows the current parameters for the DATA keyword on the OPTIONS MONITOR statement in the collector control file.
System Action:  None.
User Response:  None.

CV0671  CP MONITOR NOT CONNECTED
Explanation:  The collector connection has not been established. Either there was no MONITOR parameter on the OPTIONS statement in the COLLECT CONTROL file, or the attempt to establish the connection failed.
System Action:  None.
User Response:  Specify MONITOR in the COLLECT CONTROL file. Make sure that the collector virtual machine is authorized to connect to CP MONITOR, and that there is no previous connection to CP MONITOR from another virtual machine.

CV0672  MONITOR RECORD FILTERING IS NOT ACTIVE
Explanation:  The collector is not filtering monitor records. MONITOR(* FILTER) was not specified in the COLLECT CONTROL file.
System Action:  None.
User Response:  Enter a MONINCLUDE statement in COLLECT CONTROL.

CV0673  NO MONITOR RECORD EXCLUDED
Explanation:  A MONEXCLUDE range was specified for records not previously included.
System Action:  None.
User Response:  None. This is an informational message only.

CV0675  123456789|123456789|123456789
Explanation:  Response line 8 from the QUERY MONITOR statement. Displays the horizontal scale of the record-filtering matrix.
System Action:  None.
User Response:  None. This is an informational message only.

CV0676  RECORD
Explanation:  Response line 7 from the QUERY MONITOR statement. Displays the title of the record-filtering matrix.
System Action:  None.
User Response:  None.
CV0677  
*domain matrixline domain*

**Explanation:** Response line 9+ from the QUERY MONITOR statement. Displays the output lines that make up the body of the record-filtering matrix.

**System Action:** None.

**User Response:** None.

CV0679  
*legend info*

**Explanation:** The MONITOR record-filtering matrix legend line.

**System Action:** None.

**User Response:** None. This is an informational message only.

CV0680  
**CPU ADDRESS** `cpu_address` **EXCEEDS MAXIMUM OF** `maximum`

**Explanation:** This is an internal error. A maximum CPU address specified in the message is allowed.

**System Action:** The MONITOR record is rejected.

**User Response:** Call Candle Customer Support Services and report this occurrence.

CV0681  
**EVENT CONFIG SIZE :** `nnnnnnnn`

**Explanation:** This is response line 2 from the QUERY MONITOR command, where `nnnnnnnn` is the value specified for the ECONfigsize keyword in the collector control file.

**System Action:** None.

**User Response:** This is an informational message only.

CV0682  
**SAMPLE CONFIG SIZE :** `nnnnnnnn`

**Explanation:** This is response line 3 from the QUERY MONITOR command, where `nnnnnnnn` is the value specified for the SCONfigsize keyword in the collector control file.

**System Action:** None.

**User Response:** This is an informational message only.

CV0684  
**PARTition :** `nnnnnnnn`

**Explanation:** This is response line 4 from the QUERY MONITOR command, where `nnnnnnnn` is the value specified for the PARTition keyword in the collector control file.

**System Action:** None.

**User Response:** This is an informational message only.

CV0685  
**MONSample :** `nn MINS nn SECS`

**Explanation:** This is response line 5 from the QUERY MONITOR command, where `nn` is the value specified for the MONSample keyword in the collector control file.

**System Action:** None.

**User Response:** None.
CV0686 SYNChronize: Y/N STOPMon: Y/N
Explanation: This is response line 6 from the QUERY MONITOR command.
Shows current values for collector control keywords SYNChronize and
STOPMon.
System Action: None.
User Response: None.

CV0697 USING DIAGNOSE xxx
Explanation: This is a response line to the QUERY DIAGNOSE operator
command.
System Action: None.
User Response: None. This is an informational message only.

CV0698 DISKFULL THRESHOLD: nn
Explanation: This is a response line to a QUERY DISKFULL operator
command.
System Action: None.
User Response: None. This is an informational message only.

CV0699 IDLEDEX THRESHOLD: hh:mm
Explanation: This is a response line to a QUERY IDLEDEX operator command.
System Action: None.
User Response: None. This is an informational message only.

CV0800 >>>WARNING<<< ERROR DETECTED IN VMBLOK CHAIN
Explanation: A temporary error was encountered in the VMBLOK chain
processing routine.
System Action: The collector recovers from the error.
User Response: None. This is an informational message only.

CV0801 >>>WARNING<<< REBUILDING INTERNAL COPY OF VMBLOK CHAIN
Explanation: A serious error was encountered in the VMBLOK chain processing
routine.
System Action: The collector rebuilds its internal copy of the VMBLOK chain,
and then continues processing.
User Response: None. This is an informational message only.

CV0850 >>>WARNING<<< CP MONITOR NOT ACTIVE
Explanation: The CP MONITOR is not currently active.
System Action: The collector cannot record channel data.
User Response: Start the CP Monitor. For more information, see the IBM

CV0851 >>>WARNING<<< CP MONITOR DASTAP NOT ENABLED
Explanation: The CP MONITOR DASTAP class is not enabled.
System Action: The collector cannot record channel data.
User Response: Enable DASTAP in the CP Monitor. For more information, see
the IBM Virtual Machine/System Product Operator’s Guide.
CV0854 NOT AUTHORIZED TO ISSUE Q MON COMMAND
Explanation: The collector attempted to issue a QUERY MONITOR SAMPLE RATE command, but does not have the proper authority to do so.
System Action: The collector is not able to start MONITOR commands.
User Response: Authorize the collector to issue CP QUERY MONITOR commands.

CV0855 AUTOLOG COMMAND FAILED FOR monwrite
Explanation: CP returned a non-zero return code in response to the AUTOLOG MONWRITE command.
System Action: The collector will not AUTOLOG MONWRITE.
User Response: Consult the IBM System Messages and Codes Reference for the corresponding CP error message, and take the appropriate action.

CV0856 ERROR FROM COMMAND command, RETURN CODE rc
Explanation: The CP MONITOR command was issued, and the return code was not 0.
System Action: The collector may not be able to start MONITOR collection.
User Response: Consult the IBM System Messages and Codes Reference manual for the CP return code, and take appropriate action.

CV0857 MONITOR SAMPLE SET TO num SECONDS, RC= rc
Explanation: The collector has set the CP MONITOR sample interval to num seconds.
System Action: None.
User Response: None. This is an informational message only.

CV0858 monitor command line
Explanation: This is the text of a MONITOR SAMPLE or a MONITOR EVENT command issued after a monitor sample or monitor event data collection was started. Be aware that the command may alter the data that is available to the collector.
System Action: None.
User Response: None. This is an informational message only.

CV0859 >>>WARNING<<< MONITOR SAMPLE DATA NOT BEING COLLECTED
Explanation: The collector has not received any CP MONITOR data in the last two collector recording intervals. A MONITOR SAMPLE STOP command was probably issued.
System Action: The collector is not able to generate records whose data is obtained from the CP MONITOR facility.
User Response: Restart MONITOR sample collection by issuing the CP MONITOR SAMPLE START command.

CV0860 ERROR IN PARSING OUTPUT FROM CP Q MON int/rate
Explanation: The collector encountered an internal error while parsing the output from CP Q MON int or CP Q MON rate.
System Action: The collector does not start CP MONITOR collection.
User Response: Call Candle Customer Support.
CV0861 UNABLE TO DETERMINE MONITOR SAMPLE INTERVAL
Explanation: MONSample(LEAVE) was specified, but Q MON int shows 0 as a sample interval.
System Action: The collector does not start CP MONITOR collection.
User Response: Issue the CP MONITOR command to set the desired sample interval, or specify interval length to MONSample in the collector CONTROL file.

CV0862 MONITOR SAMPLE SET TO GREATER THAN RECORDING INTERVAL
Explanation: The MONITOR sample interval has been set to a value greater than the collector’s recording interval.
System Action: The collector continues to operate, but the data could be meaningless.
User Response: Issue the CP MONITOR SAMPLE INTERVAL command to reset the MONITOR sample interval to less than or equal to the collector’s recording interval.

CV0900 >>>WARNING<<< COLLECTOR TERMINATING BECAUSE OF UNRECOVERABLE ERROR
Explanation: An unrecoverable internal error has caused the collector to be stopped.
System Action: The collector terminates.
User Response: Restart the collector. If a dump was produced, send it to Candle Customer Support.

CV0910 >>>WARNING<<< PLEASE SET ECMODE ON AND RESTART THE COLLECTOR
Explanation: The collector must run in ECMODE.
System Action: The collector does not start.
User Response: Issue the SET ECMODE ON command and restart the collector.

CV0920 >>>WARNING<<< UNABLE TO USE CANDLE USER DIAGNOSE
Explanation: The diagnose number specified in the OPTIONS statement is not the correct number for the Candle User Diagnose.
System Action: The collector does not start.
User Response: Either supply the correct number of the Candle User Diagnose or change the DIAGNOSE keyword to use (004) under the OPTIONS control statement in the collector control file.

CV0930 >>>WARNING<<< COLLECTOR MUST HAVE CP PRIVILEGE CLASS E
Explanation: The collector must have CP privilege class E unless the Candle User Diagnose is installed.
System Action: The collector does not start.
User Response: Give the collector virtual machine class E privileges.
CV0940  >>>WARNING<<< COLLECTOR NEEDS AT LEAST nnnnK MORE STORAGE
Explanation: The collector ran out of FREE storage.
System Action: The collector terminates.
User Response: Give the collector virtual machine a larger amount of virtual storage.

CV0950  >>>WARNING<<< PROGRAM CHECK DETECTED IN module AT location
Explanation: A program check was encountered in the collector.
System Action: The collector terminates.
User Response: Restart the collector. If a dump was produced, send it to Candle Customer Support.

CV0952  >>>WARNING<<< function COLLECTION DISABLED
Explanation: A program check was encountered in the collector, and an associated data collection routine was disabled.
System Action: The named data collection routine is disabled.
User Response: Restart the collector. If a dump was produced, send it to Candle Customer Support.

CV0953  >>>WARNING<<< PROGRAM CHECK DETECTED AT location
Explanation: A program check was encountered by the collector.
System Action: The collector may or may not terminate, depending on the severity of the error.
User Response: If the collector terminates, restart the collector. If a dump was produced, send it to Candle Customer Support.

CV0954  register contents
Explanation: The line contains the register contents at the time of the last program check. This message will follow message CV0950 or CV0953.
System Action: The collector may or may not terminate, depending on the severity of the error.
User Response: If the collector terminates, restart the collector. Send the log containing these messages to Candle Customer Support.

CV0955  >>>WARNING<<< ABEND CALLED FROM module AT location
Explanation: The collector encountered an unusual situation and terminated.
System Action: The collector terminates.
User Response: Restart the collector. If a dump was produced, send it to Candle Customer Support.

CV0958  >>>WARNING<<< INTERNAL ERROR num IN routine
Explanation: The collector encountered an unusual situation.
System Action: The collector continues to run in a degraded mode after possibly printing a dump.
User Response: If a dump is produced, send it to Candle Customer Support along with the information specified in the message.
supplemental internal error information
Explanation: Additional information appears here to supplement message CV0958.
System Action: None.
User Response: Send this additional information to Candle Customer Support along with the information from message CV0958.

>>>WARNING<<< PROGRAM LOOP DETECTED IN module AT location
Explanation: The collector detected a loop in processing.
System Action: The collector terminates.
User Response: Restart the collector. If a dump was produced, send it to Candle Customer Support.

>>>WARNING<<< ATTEMPTING TO RUN version COLLECTOR ON version VM SYSTEM
Explanation: The installed version of the collector does not support the version of CP on which it is being run.
System Action: The collector terminates.
User Response: Install the correct version of the collector.

COMMAND IGNORED - EPILOG NOT INSTALLED
Explanation: This message occurs when a collector QUERY or SET command is issued, and EPILOG is not installed.
System Action: The command is rejected.
User Response: Contact Candle Customer Support.

COMMAND IGNORED - OMEGAMON NOT INSTALLED
Explanation: A command was issued to the collector that applied to the OMEGAMON for VM product, and OMEGAMON is not installed.
System Action: The command is rejected.
User Response: Contact Candle Customer Support.

PRODUCT IS|IS NOT INSTALLED
Explanation: The specified product IS or IS NOT installed. This is a response to the QUERY ZAPS and QUERY PRODUCT operator commands.
System Action: None.
User Response: None. This is an informational message only.

DATASPACE MANAGER IS BEING RESTARTED
Explanation: A user requested that collected trace information be discarded and tracing restarted.
System Action: ATF or Online TRF Display clears all existing trace information and starts recording new trace data.
User Response: None.
**DSM2700E**  
**ERROR SAVING DATA TO REPOSITORY**  
**Explanation:** During ATF or Online TRF Display termination, trace data could not be written to disk.  
**System Action:** Termination continues.  
**User Response:** Determine the cause of the failure through accompanying messages.

**DSM3000E**  
**xxx STOPPED - ADD RECORD TO DATASPACE FAILED**  
**Explanation:** Trace recording in ATF or Online TRF Display has stopped. This is because of a failed request to add further allocated space.  
**System Action:** Recording stops and the trace display continues to be available.  
**User Response:** Examine accompanying messages for the cause of the event.

**DSM3010E**  
**TRF CONTINUES - INVALID DATASPACE RECORD TYPE ENCOUNTERED**  
**Explanation:** While processing trace data, an internal error was encountered.  
**System Action:** This message is accompanied by a mini-dump in the SYSLOG. ATF subsequently continues.  
**User Response:** Contact Candle Customer Support with the diagnostic information.

**DSM6000E**  
**ADDRESS SPACE IS NOT AUTHORIZED**  
**Explanation:** This indicates that a severe program error has occurred in ATF or Online TRF Display. The OMEGAMON address space must be immediately terminated to turn off the active monitoring.  
**System Action:** ATF or Online TRF Display terminates.  
**User Response:** Save the IMS, OMEGAMON joblogs, and corresponding dump. Contact Candle Customer Support with the diagnostic information.

**DSM6010E**  
**ATTACH FAILED FOR KI2AT00**  
**Explanation:** An error has been detected during the Dataspace Manager Attach process.  
**System Action:** The Dataspace Manager terminates the initialization process.  
**User Response:** Contact Candle Customer Support with the diagnostic information.

**DSM6020E**  
**ERROR DURING INITIALIZATION**  
**Explanation:** During start-up, ATF or Online TRF Display detected an unrecoverable error.  
**System Action:** ATF or Online TRF Display terminates.  
**User Response:** Look for the message or condition causing the error.

**DSM7030E**  
**UNABLE TO LOAD REQUEST CONTROL TABLE**  
**Explanation:** ATF or Online TRF failed to find module KI2RT00 in either LPALIB, LINKLIST or STEPLIB.  
**System Action:** ATF or Online TRF start-up is aborted.  
**User Response:** Determine the cause and correct.
<table>
<thead>
<tr>
<th>Message Code</th>
<th>Message Description</th>
<th>Explanation</th>
<th>System Action</th>
<th>User Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>DSM7035E</td>
<td>UNABLE TO LOAD TIMER ROUTINE</td>
<td>ATF or Online TRF Display cannot find the timer routine.</td>
<td>ATF or Online TRF Display start-up is aborted.</td>
<td>Contact Candle Customer Support.</td>
</tr>
<tr>
<td>DSM7040E</td>
<td>UNABLE TO OPEN REPOSITORY</td>
<td>ATF or Online TRF Display initialization Phase 2 failed.</td>
<td>ATF or Online TRF Display continues without the ability to save trace data.</td>
<td>Investigate accompanying messages for the cause of the problem and correct.</td>
</tr>
<tr>
<td>DSM7300I</td>
<td>TERMINATION IS IN PROGRESS</td>
<td>The Dataspace Manager termination process has been initiated.</td>
<td>The Dataspace Manager function is terminated.</td>
<td>None.</td>
</tr>
<tr>
<td>DSM9900E</td>
<td>INCORRECT DATASPACE STORAGE MANAGEMENT REQUEST</td>
<td>An internal error was encountered during trace data management.</td>
<td>The event is logged and subsequently ignored.</td>
<td>Contact Candle Customer Support.</td>
</tr>
<tr>
<td>DX0000</td>
<td>Vvvv running. Cycles= ccc STIM=ii Elap=ss SEC (or mm:ss MN)</td>
<td>You have issued BEGN to start the DEXAN collector (version vvv). STIM (sample time) shows the sample interval (i.i) in seconds and tenths. Cycles (ccc) shows how long (in STIM intervals) the collector has been running. Elap shows the total elapsed collection time in seconds (ss) or minutes and seconds (mm:ss).</td>
<td>None.</td>
<td>None.</td>
</tr>
<tr>
<td>DX0001</td>
<td>Collector has not been started</td>
<td>You have issued the DEX command, but have not started the DEXAN data collector.</td>
<td>None.</td>
<td>Issue the BEGN command to start the collector.</td>
</tr>
<tr>
<td>DX0002</td>
<td>Collector being suspended</td>
<td>You have suspended data collection without losing any data that DEXAN has already collected.</td>
<td>None.</td>
<td>None.</td>
</tr>
<tr>
<td>DX0003</td>
<td>Collector being resumed</td>
<td>You have resumed data collection after suspending it.</td>
<td>None.</td>
<td>None.</td>
</tr>
</tbody>
</table>
DX0004 **Collector suspended since hh:mm:ss Cycles=nnn Elap=mm:ss MN**

**Explanation:** You suspended data collection by issuing the SUSP command. If you want to resume data collection, issue the RESM command. Cycles (nnn) shows how long (in sample intervals) the collector has been running. Elap shows the total elapsed collection time in minutes and seconds.

**System Action:** None.

**User Response:** None.

DX1000 **The data collector started Workarea size= nnnnnn bytes.** (Also displays, for MVS SP4 or later, either) **Collector monitoring devices defined as dynamic (or) Collector not monitoring latest I/O configuration**

**Explanation:** You have started data collection. DEXAN has allocated nnnnnn bytes of storage for its collector tables. For MVS SP4 or later, the collector can gather data from dynamic I/O devices that your site has defined to the Candle Subsystem.

**System Action:** None.

**User Response:** None.

DX1050 **Entry will be deleted**

**Explanation:** You have requested that DEXAN remove a job or address space (STC name or TSO user ID) from job analysis.

**System Action:** None.

**User Response:** None.

DX1060 **Deletion pending**

**Explanation:** After requesting that DEXAN remove a job or address space (STC name or TSO user ID) from job analysis, you have tried to display that job while the collector is still monitoring it.

**System Action:** None.

**User Response:** None.

DX1100 **DEXAN to support up to nnn address space analyses**

**Explanation:** You have specified a maximum of nnn address spaces for DEXAN analysis.

**System Action:** None.

**User Response:** None.

DX1200 **Collector to monitor period 1 of up to nnn performance groups**

**Explanation:** You have specified a maximum of nnn performance groups for DEXAN period one monitoring.

**System Action:** None.

**User Response:** None.

DX1300 **Collector to collect data on up to nnn performance groups**

**Explanation:** You have specified a maximum of nnn performance groups for DEXAN monitoring.

**System Action:** None.

**User Response:** None.
DX1500  Collection has not yet started
Explanation: One of the following entities is not yet available for DEXAN analysis:
- a job
- an address space (STC name or TSO user ID)
- the period one performance groups
When the entity becomes active, DEXAN will start to analyze it.
System Action: None.
User Response: None.

DX1600  Collection started $hhhh$, $elap=ss$, $items=nn$
Explanation: DEXAN has started to analyze one of the following entities that has become active:
- a job
- an address space (STC name or TSO user ID)
- the period one performance groups
DEXAN started data collection at $hhhh$ hours. Collection has been running for $ss$ seconds or $mm:ss$ minutes and seconds. DEXAN has made $nn$ observations. Elap shows the total elapsed collection time in seconds ($ss$) or minutes and seconds ($mm:ss$)
System Action: None.
User Response: None.

DX1700  No active entries
Explanation: You have not selected any job, address space (STC name or TSO user ID), or DEXAN slot number, for DEXAN analysis.
System Action: None.
User Response: None.

DX1800  Entry added
Explanation: You have selected a job, address space (STC name or TSO user ID), or DEXAN slot number, for DEXAN analysis.
System Action: None.
User Response: None.

DX1900  COMMAND NOT APPLICABLE IN GOAL MODE
Explanation: The system is currently running in Work Load Manager goal mode and the entered command is a compatibility mode oriented command and therefore not applicable to goal mode. Generally, DEXAN does not support Workload Manager goal mode.
System Action: The command terminates completely.
User Response: None.
DX2000  Command valid only when collector not running
Explanation: You have issued a command that is not valid while the collector is running.
System Action: None.
User Response: Either stop the collector or issue a command that is valid while the collector is running.

DX2010  Entry busy; retry later
Explanation: You have tried to delete from analysis a job or address space (STC name or TSO user ID) for which DEXAN is processing an earlier request.
System Action: None.
User Response: Try deleting the job or address space later.

DX2020  Entry already exists in table
Explanation: You have tried to select a job or address space (STC name or TSO user ID) that DEXAN is already analyzing.
System Action: None.
User Response: Select a different job or address space.

DX2040  No room in table to add entry
Explanation: You have tried to select a new address space (STC name or TSO user ID) for analysis while DEXAN is already monitoring its maximum specified number of address spaces.
System Action: None.
User Response: After stopping the collector, specify a larger maximum by using one of the following commands:
- NUMAnnn for more address spaces
- NUMFnnnn for more period one performance groups
- NUMPnnnn for more performance groups
For more information, see the OMEGAMON Command Language Reference Manual.

DX2050  Period one monitoring inactive
Explanation: You have set NUMF to zero.
System Action: None.
User Response: None.

DX2060  Entry inactive
Explanation: You have tried to display a job in a job table for which no job has been selected.
System Action: None.
User Response: None.
DX2065  Performance group not selected for collection
   Explanation: You have tried to display or plot wait reasons for a performance
                group that DEXAN has not selected for data collection.
   System Action: None.
   User Response: Use the PONnnnn command to force DEXAN to select a
                   performance group for collection. Collection starts at the next interval. If you want
                   collection to start immediately, issue the CLR command. For more information,

DX2070  Address space monitoring inactive
   Explanation: You have set NUMA to zero.
   System Action: None.
   User Response: None.

DX2080  Valid range for period one entry number is 1 thru nn
   Explanation: You have tried to display a period one table entry that is greater
                than NUMF.
   System Action: None.
   User Response: Plot a valid performance group.

DX2090  Valid range for address space entry is 1 thru nn
   Explanation: You have tried to display a period one table entry that is greater
                than NUMA.
   System Action: None.
   User Response: Plot a valid job.

DX2100  Value cannot be 0
   Explanation: You have tried to enter zero where DEXAN prohibits it.
   System Action: None.
   User Response: Enter a non-zero operand.

DX2110  Operand must be numeric
   Explanation: You have entered a non-numeric operand.
   System Action: None.
   User Response: Enter a numeric operand.

DX2120  Operand must be "on," "off," or "null"
   Explanation: You have entered an operand that is not on, off, or null.
   System Action: None.
   User Response: Enter an on, off, or null operand.

DX3000  Collection counters will be cleared
   Explanation: You have requested that DEXAN clear its data collection counters.
   System Action: None.
   User Response: None.
| DX3001 | The collection counter for *aaa* is now on |
| Explanation: | You have added a collection counter to the displayed list of collection counters. |
| System Action: | None. |
| User Response: | None. |
| DX3002 | The collection counter for *aaa* is now off |
| Explanation: | You have removed a collection counter from the displayed list of collection counters. |
| System Action: | None. |
| User Response: | None. |
| DX3003 | Invalid counter ID (see BLST help for valid IDs) |
| Explanation: | You have used an invalid collection counter ID while trying to add a counter to or remove a counter from the displayed list of collection counters. |
| System Action: | None. |
| User Response: | Use a valid collection counter ID. For more information, see the `OMEGAMON Command Language Reference Manual`. |
| DX4000 | Enqueue data collection enabled, CYCLE= *nn* |
| Explanation: | You have enabled enqueue wait collection to take samples every *nn* cycles. |
| System Action: | None. |
| User Response: | None. |
| DX4001 | Enqueue data collection disabled |
| Explanation: | You have disabled enqueue wait collection. |
| System Action: | None. |
| User Response: | None. |
| DX4002 | Value must be between 0 and 10 |
| Explanation: | You cannot specify taking enqueue samples less often than every 10 sampling cycles. |
| System Action: | None. |
| User Response: | Enter an *nn* value between 1 and 10. |
| DX4100 | Reserve data collection disabled/enabled |
| Explanation: | You have enabled or disabled reserve data collection on a pre-SP2 system. |
| System Action: | None. |
| User Response: | None. |
| DX5000 | Offset table *cccccccc* loaded |
| Explanation: | You have loaded JES2 offset table *cccccccc*. |
| System Action: | None. |
| User Response: | None. |
DX5001 Offset table cccccc has invalid format
Explanation: You have tried to load a JES2 offset table that has an invalid format.
System Action: None.
User Response: Use the J2LD command to load an offset table that has a valid format. For more information, see the OMEGAMON Command Language Reference Manual.

DX5002 Offset table cccccc initialization failed
Explanation: You have loaded a JES2 offset table that could not initialize.
System Action: None.
User Response: Use the J2LD command to load an offset table that can initialize. For more information, see the OMEGAMON Command Language Reference Manual.

DX5003 Offset table cccccc not available
Explanation: You have tried to load a JES2 offset table that has not been installed at your site.
System Action: None.
User Response: Install the JES2 offset table at your site, then use the J2LD command to load that offset table. For more information, see the OMEGAMON Command Language Reference Manual.

DX5100 JES2 service analysis active suppressed
Explanation: You have turned off JES2 service analysis.
System Action: None.
User Response: None.

DX5200 JES2 analysis active, offset table – cccccc
Explanation: You have requested JES2 service status while it is on.
System Action: None.
User Response: None.

DX5201 JES2 analysis inactive
Explanation: You have turned off JES2 analysis.
System Action: None.
User Response: None.

DX6001 Performance groups for forced selection
Explanation: DEXAN will start analyzing the displayed performance groups at the next collection interval.
System Action: None.
User Response: None.

DX6002 Performance groups for forced rejection
Explanation: DEXAN will not analyze the displayed performance groups at the next collection interval.
System Action: None.
User Response: None.
Performance groups for first period forced rejection

Explanation: DEXAN will not analyze the displayed period one performance groups at the next collection interval.

System Action: None.
User Response: None.

Performance groups for first period forced selection

Explanation: DEXAN will start analyzing the displayed period one performance groups at the next collection interval.

System Action: None.
User Response: None.

Performance groups for inclusion in cross-system table

Explanation: You have displayed a list of performance groups for forced inclusion in the cross-system table by doing either of the following:

- adding a performance group to the cross-system table
- removing a performance group from the cross-system table

System Action: None.
User Response: None.

Forced selections exceed available entries

Explanation: You have not defined enough table space for all period one performance groups that you have identified for analysis.

System Action: None.
User Response: Use the NUMFnnn command to specify a larger maximum number of period one performance groups. For more information, see the OMEGAMON Command Language Reference Manual.

Forced selections exceed available entries

Explanation: You have not defined enough table space for all performance groups that you have identified for analysis.

System Action: None.
User Response: Use the NUMPnnn command to specify a larger maximum number of performance groups. For more information, see the OMEGAMON Command Language Reference Manual.

Performance groups selected:

Explanation: This is the list of performance groups that DEXAN is monitoring currently.

System Action: None.
User Response: None.

Performance groups for inclusion in cross-system table

Explanation: This is the list of performance groups that appear in the XPG display.

System Action: None.
User Response: None.
**DX7000** Collection counter clearing interval is every \( \text{n} \text{nn} \text{ minutes} \\ Explanation: You have displayed the DEXAN data collector clear interval. \\ System Action: None. \\ User Response: None.

**DX7001** Sync with RMF collection is turned on \\ Explanation: You have synchronized the DEXAN data collector clear interval with the RMF interval. \\ System Action: None. \\ User Response: None.

**DX7002** Sync with RMF collection is turned off \\ Explanation: You have turned off the synchronization between the DEXAN data collector clear interval and the RMF interval, and reset the DEXAN data collector clear interval to 30 minutes. \\ System Action: None. \\ User Response: None.

**DX7003** Collection counters will be cleared at every RMF interval \\ Explanation: You have synchronized the DEXAN data collector clear interval with the RMF interval. \\ System Action: None. \\ User Response: None.

**DX7004** No clearing interval in effect \\ Explanation: You have tried to reset the DEXAN data collector clear interval without first turning off the synchronization between the DEXAN data collector clear interval and the RMF interval. \\ System Action: None. \\ User Response: None.

**DX7100** The data collector sample time = \( \text{n.n} \) \\ Explanation: You have done either of the following: \\ - displayed the current DEXAN data collector sample time \\ - reset the DEXAN data collector sample time \\ System Action: None. \\ User Response: None.

**DX7200** Plot percentage threshold is \( \text{n} \% \) \\ Explanation: The DEXAN plot percentage threshold limits plot output to the most important wait reasons. You have done either of the following: \\ - displayed the current threshold \\ - reset the threshold \\ System Action: None. \\ User Response: None.
DX9000  Collector has terminated. Completion code = cxxx
Explanation: The collector has failed.
System Action: None.
User Response: Issue ABND to log the problem, then issue END and BEGN to restart DEXAN.

DX9002  Request ignored — suspend operation pending
Explanation: You have tried to suspend or resume data collection after DEXAN has already suspended data collection.
System Action: None.
User Response: None.

DX9003  Request ignored — resume operation pending
Explanation: You have tried to resume or suspend data collection while DEXAN is already waiting to resume data collection.
System Action: None.
User Response: None.

DX9005  Request ignored — collector has terminated. Completion code = cxxx
Explanation: You have tried to suspend or resume data collection after DEXAN has failed.
System Action: None.
User Response: None.

DX9800  Collector has not abended (ABND)
Explanation: You can issue ABND only after DEXAN has abended.
System Action: None.
User Response: For more information, see the OMEGAMON Command Language Reference Manual.

DX9999  The data collector ended
Explanation: You have stopped DEXAN data collection.
System Action: None.
User Response: None.

EA1511  VARIABLE XXXXXXXX NOT FOUND OR INVALID TYPE
Explanation: The job terminates.
System Action: None.
User Response: Verify that the valid input parameters have been specified in the input file. The most frequent cause of this error is attempting to run the OMIIBATR procedure as a stand-alone batch job. This procedure is meant to be used by OMEGAMON II for MVS only. To run standard EPILOG batch reports, use the procedure KEPPROC.
EB010  PLEASE ENTER EPILOG REPORTER COMMAND OR END
Explanation: This message is issued when running the EPILOG for IMS reporter in foreground mode (TSO without full-screen processing) as a prompt for the user to begin command input.
System Action: EPILOG waits for the next command.
User Response: Enter an EPILOG command, or END to terminate the EPILOG reporter.

EB0130  INVALID KEYWORD
Explanation: An unrecognizable keyword parameter has been found on an input command either because it is invalid or because of some prior input error.
System Action: OMEGAMON II by passes the command and continues scanning the statement.
User Response: Correct the invalid parameter.

EB0140  DUPLICATE OR CONFLICTING PARAMETER
Explanation: The parameter indicated is invalid because it does not apply to the current command, has already been given, or conflicts with other parameters already entered.
System Action: OMEGAMON II bypasses the command and continues scanning the statement.
User Response: Correct the invalid parameter.

EB0150  INVALID COMMAND IDENTIFIER
Explanation: The command entered is invalid or is not available for the processor being used.
System Action: OMEGAMON II bypasses the statement.
User Response: Correct the invalid parameter.

EB020  PLEASE CONTINUE CURRENT COMMAND
Explanation: This message is issued when running the EPILOG reporter in foreground mode (TSO without full-screen processing) as a prompt for you to continue the current command. EPILOG continues prompting for command continuations until you enter a segment which does not end in a hyphen (-).
System Action: EPILOG waits for the next command segment.
User Response: Continue entering the current command; the continuation character is a hyphen. Remember that the last command segment entered must not end with a hyphen.

EB0200  UNBALANCED QUOTES OR PARENTHESES
Explanation: A string is not quoted properly, which means that it does not lie entirely on one input line or it is missing a beginning or ending quote, or it is missing a left or right parenthesis.
System Action: OMEGAMON II bypasses the statement.
User Response: Correct the invalid parameter.
EB0230    INVALID KEYWORD FOR THIS COMMAND
Explanation: The keyword is not valid with this command.
System Action: OMEGAMON II bypasses the command and continues scanning the statement.
User Response: Correct the invalid keyword.

EB0240    END OF INPUT, CONTINUATION EXPECTED
Explanation: The last line entered indicated that there would be more data but the end of input was found instead.
System Action: OMEGAMON II bypasses the statement.
User Response: Supply the continuation character or correct the prior statement.

EB0250    EXCESSIVE PARAMETER(S) IN PARENTHESES
Explanation: There were additional parameters within a set of parentheses which were not processed by the historical reporter. They were considered extraneous because they were not within the syntax of the keyword parameter or because of prior errors encountered while scanning the statement.
System Action: OMEGAMON II bypasses the statement.
User Response: Correct the prior statement by removing extraneous parameters.

EB0299    UNKNOWN ERROR HAS OCCURRED DURING PARSE
Explanation: The parse scanner has failed. No reason code was returned.
System Action: OMEGAMON II bypasses the statement.
User Response: Examine the input statement carefully. If no errors are found, contact Candle Customer Support.

EB030     A-MATRIX NAME MISSING
Explanation: You must supply a 1- to 7-character A-matrix name.
System Action: EPILOG waits for the command to be corrected and reissued.

EB0300    PARAMETER NOT NUMERIC
Explanation: A numeric parameter is required.
System Action: OMEGAMON II bypasses the command and continues scanning the statement.
User Response: Correct the invalid parameter. Supply a valid A-matrix name and reissue the command.

EB031     SUMWAIT MEMBER NAME MISSING
Explanation: The SUMDEF keyword requires a member name as an operand.
System Action: The command is bypassed and EPILOG processing continues.
User Response: Correct and re-enter the command.

EB0310    INVALID DATE
Explanation: A date parameter has either an invalid format or is logically incorrect.
System Action: OMEGAMON II bypasses the command and continues scanning the statement.
User Response: Correct the invalid parameter.
EB032  PRDX MEMBER NAME MISSING
Explanation: The PRDXDEF keyword requires a member name as an operand.
System Action: The command is bypassed and EPILOG processing continues.
User Response: Correct and re-enter the command.

EB0320  INVALID TIME
Explanation: A time parameter has either an invalid format or is logically incorrect.
System Action: OMEGAMON II bypasses the command and continues scanning the statement.
User Response: Correct the invalid parameter.

EB0340  MISSING LAST SUBPARAMETER
Explanation: The last keyword entered required a subparameter that was not furnished. This message sometimes results from mismatched or missing parentheses.
System Action: OMEGAMON II bypasses the previous keyword.
User Response: Supply the missing subparameter, or correct the mismatched or missing parentheses.

EB0350  MISSING REQUIRED PARAMETER
Explanation: This command or keyword has a required operand that was not entered.
System Action: OMEGAMON II bypasses the previous keyword.
User Response: Examine the command and supply the required parameters.

EB0400  INVALID PARAMETER LENGTH OR VALUE
Explanation: The parameter is too long, too short, or has a value outside the required range.
System Action: OMEGAMON II bypasses the command and continues scanning the statement.
User Response: Correct the invalid parameter.

EB0410  PARAMETER AT INCORRECT LEVEL
Explanation: The indicated parameter was not contained in the correct set of parentheses. The use of parentheses was ambiguous.
System Action: OMEGAMON II bypasses the command and continues scanning the statement.
User Response: Correct the invalid use of parentheses. Make sure all parentheses are matched pairs.

EB0486  BAND AND RANGE ARE MUTUALLY EXCLUSIVE
Explanation: The BAND and RANGE keywords imply two different mutually exclusive interpretations of the start time and end time specification (BAND is the default).
System Action: OMEGAMON II bypasses the command and continues scanning the statement.
User Response: Remove either BAND or RANGE and resubmit.
SUMMARY AND DETAIL ARE MUTUALLY EXCLUSIVE
Explanation:  SUMMARY and DETAIL are two different report types; only one report type is allowed per request.
System Action:  OMEGAMON II bypasses the command and continues scanning the statement.
User Response:  Remove either the SUMMARY or DETAIL keywords and resubmit.

NO INFORMATION AVAILABLE
Explanation:  You entered a plus (+) sign, requesting more information from the TSO command you issued, but none was available.
System Action:  Processing continues.
User Response:  None.

INVALID EXCEPTION LIMIT PARAMETER
Explanation:  The exception limit parameter has an incorrect format.
System Action:  OMEGAMON II bypasses the command and continues scanning the statement.
User Response:  Correct the invalid parameter.

INVALID DAY VALUE
Explanation:  The parameter is not a valid operand of the DAY keyword.
System Action:  OMEGAMON II bypasses the command and continues scanning the statement.
User Response:  Correct the invalid parameter.

INVALID TSO COMMAND SYNTAX
Explanation:  The TSO command you entered had an invalid syntax.
System Action:  The command is ignored.
User Response:  Correct the TSO command syntax.

TSO COMMAND NOT FOUND
Explanation:  You did not enter a valid TSO command.
System Action:  The command is ignored.
User Response:  Enter a valid TSO command.

EPILOG REPORTER NOT RUNNING UNDER TSO
Explanation:  EPILOG is running in batch mode, so it cannot accept TSO commands.
System Action:  The command is ignored.
User Response:  If you want to issue TSO commands, bring EPILOG up in TSO mode.

TEST COMMAND NOT SUPPORTED
Explanation:  The TSO TEST command is not supported.
System Action:  The command is ignored.
User Response:  None.
EB060  PURGE COMPLETED, NUMBER OF POINTERS DELETED = nnn
Explanation: This status message is issued by KEBMAINT at the end of PURGE command processing. The variable nnn is a count of the total number of pointer records deleted. (This message is always followed by EB061.)
System Action: KEBMAINT continues processing the next command.
User Response: None.

EB061  DATA RECORDS DELETED = nnn
Explanation: This status message is issued by KEBMAINT at the end of PURGE command processing. The variable nnn is a count of the total number of data records deleted. (This message is always preceded by EB060.)
System Action: KEBMAINT continues processing the next command.
User Response: None.

EB062  LOAD COMPLETED, NUMBER OF POINTER RECORDS = nnn
Explanation: This status message is issued by KEBMAINT at the end of LOAD command processing. The variable nnn is a count of the total number of pointer records that have been written into the EDS. (This message is always followed by EB064.)
System Action: KEBMAINT continues termination processing. All LOADs are processed at the end of command input.
User Response: None.

EB064  NUMBER OF DATA RECORDS = nnn
Explanation: This status message is issued by KEBMAINT at the end of LOAD command processing. The variable nnn is a count of the total number of data records that have been written into the EDS. (This message is always preceded by EB062.)
System Action: KEBMAINT continues termination processing. All LOADs are processed at the end of command input.
User Response: None.

EB066  NO RECORDS LOADED TO EDS DATASET
Explanation: This status message is issued by KEBMAINT at the end of LOAD command processing. No SMF records met the specified criteria, so none were written to the EDS.
System Action: KEBMAINT continues termination processing. All LOADs are processed at the end of command input.
User Response: Review selection criteria on LOAD commands.

EB068  DATASTORE SUCCESSFULLY INITIALIZED
Explanation: The EPILOG (or DLTAMON®) datastore was successfully initialized.
System Action: None.
User Response: None.
EB069  RKM2PRDS SUCCESSFULLY INITIALIZED
Explanation: The profile datastore was successfully initialized.
System Action: None.
User Response: None.

EB070  EXCLUDE COMPLETE, RECORDS READ = nnn
Explanation: This status message is issued by KEBUTIL at the end of
EXCLUDE command processing. The variable nnn is the number of records read
from the RKEPIN or UEIIN dataset. (This message is always followed by EB071.)
System Action: KEBUTIL continues termination processing. All EXCLUDEs
are processed at the end of command input.
User Response: None.

EB071  EXCLUDE COMPLETE, RECORDS WRITTEN = nnn
Explanation: This status message is issued by KEBUTIL at the end of
EXCLUDE command processing. The variable nnn is the number of records
written to the EDS. (This message is always preceded by EB070.)
System Action: KEBUTIL continues termination processing. All EXCLUDEs
are processed at the end of command input.
User Response: None.

EB074  EXCLUDE COMPLETE, POINTER RECORDS DELETED = nnn
Explanation: This status message is issued by KEBUTIL at the end of
EXCLUDE command processing. The variable nnn is the number of pointer
records read from RKEPIN or UEIIN, which were not written to the EDS because
of EXCLUDE criteria. (This message is always followed by EB075.)
System Action: KEBUTIL continues termination processing. All EXCLUDEs
are processed at the end of command input.
User Response: None.

EB075  EXCLUDE COMPLETE, DATA RECORDS DELETED = nnn
Explanation: This status message is issued by KEBUTIL at the end of
EXCLUDE command processing. The variable nnn is the number of data records
read from RKEPIN or UEIIN, which were not written to the EDS because of
EXCLUDE criteria. (This message is always preceded by EB074.)
System Action: KEBUTIL continues termination processing. All EXCLUDEs
are processed at the end of command input.
User Response: None.

EB076  NO RECORDS DELETED, ALL FAILED EXCLUSION TESTS
Explanation: This status message is issued by KEBUTIL at the end of
EXCLUDE command processing; no records were excluded from being written.
That is, no records were within the range of the EXCLUDE criteria.
System Action: KEBUTIL continues termination processing. All EXCLUDEs
are processed at the end of command input.
User Response: Review selection criteria on EXCLUDE commands.
EB077

EXCLUDE COMPLETE, RECORDS FAILED VALIDATION TESTS = nnn
Explanation: An internal record validation test failed during EXCLUDE processing.
System Action: The invalid records are not loaded into the datastore.
User Response: Investigate the cause of the bad records. One reason may be that the SMF input file was not sorted in ascending time sequence. Invalid records can also result from abnormal collector termination. If this occurred during the time period being loaded, this message should be ignored. If you cannot account for the invalid records, contact Candle Customer Support for further assistance.

EB080

XXXXXXXX OPEN FAILURE
Explanation: The xxxxxxxx DD statement is not present or the dataset failed to open properly. This message should only appear when the EPILOG reporter is running in batch.
System Action: The EPILOG reporter terminates.
User Response: Provide the required DD statement and rerun the job.

EB082

EPSMF OPEN FAILURE
Explanation: This is a status message issued by KEBMAINT during LOAD command processing. The EPSMF DD statement was not present or the dataset failed to open properly.
System Action: KEBMAINT terminates and the LOAD command is aborted.
User Response: Provide the required DD statement and rerun the job.

EB084

HELP DATASET NOT AVAILABLE
Explanation: User issued a HELP command, and the xxxxxxxx DD statement was missing or the dataset failed to open properly.
System Action: No help is displayed; EPILOG waits for the next command.
User Response: Allocate the xxxxxxxx DD statement to the EPILOG HELP partitioned dataset and rerun the job.

EB085

EPREPT OPEN FAILURE
Explanation: The EPREPT DD statement was not present or the dataset failed to open properly. This message should only appear when the EPILOG reporter is running in batch. (EPREPT usually points to a SYSOUT dataset.)
System Action: EPILOG terminates.
User Response: Provide the required DD statement and rerun the job.

EB087

RKEPIN OPEN FAILURE
Explanation: This is a status message issued by KEBUTIL at the end of EXCLUDE command processing. The RKEPIN DD statement is either missing or the dataset failed to open properly. RKEPIN should point to an unloaded EPILOG datastore VSAM cluster (created by IDCAMS REPRO).
System Action: KEBUTIL continues termination processing. (All EXCLUDEs are processed at the end of the command input.)
User Response: Review the selection criteria on EXCLUDE commands.
EB088  xxxxxxxx DD STATEMENT MISSING
Explanation: The xxxxxxxx DD statement was required for the current EPILOG operation, but it was not supplied.
System Action: EPILOG operation is terminated.
User Response: Provide the required DD statement and rerun the job.

EB089  DATASET NOT AVAILABLE
Explanation: The RKANPAR DD statement was missing or the dataset associated with the RKANPAR DD statement failed to open properly.
System Action: Various functions are not available (A-matrix, utilities, AUTO processing, user-defined PFKs, and so on).
User Response: Allocate the RKANPAR DD statement to the EPILOG PARM partitioned dataset and rerun.

EB090  ESTAE CREATION FAILED, NO ESTAE ENVIRONMENT \( nn \)
Explanation: The ESTAE environment could not be established during KEBMAINT initialization because a non-zero return code \( (nn) \) was received during ESTAE creation. The EDS VSAM cluster will not be closed properly if KEBMAINT abnormally terminates.
System Action: KEBMAINT continues without the ESTAE environment.
User Response: If the return code \( (nn) \) was 20, then rerun KEBMAINT with more virtual storage. Otherwise, contact Candle Customer Support.

EB0998  INTERNAL ERROR IN MODULE cccccccc CODE = nnnn
Explanation: An internal error message occurred in the specified module. This is not a user problem.
System Action: The command is bypassed.
User Response: Contact Candle Customer Support and report the exact text of the message, including the module, code number, and command that was entered.

EB0999  UNABLE TO OPEN MESSAGE DATASET
Explanation: The message dataset did not open properly in batch mode. There is no way for OMEGAMON II to do logging and error reporting.
System Action: Processing terminates with an abend code of 999.
User Response: Make sure that the message dataset is allocated properly and retry.

EB100  INSUFFICIENT VIRTUAL STORAGE FOR DIRECTORY UPDATE
Explanation: There was not enough virtual memory available for the RKANPAR directory to be updated.
System Action: CMAT, DMAT, RMAT, or PFK SAVE aborts.
User Response: Increase region size available to EPILOG reporter and rerun.
EB105  PERMANENT I/O ERROR ON DATASET
Explanation: A permanent I/O error was discovered when reading or writing to the RKANPAR dataset.
System Action: Operation did not complete successfully.
User Response: Examine RKANPAR dataset and its directory for damage. It may be necessary to restore or rebuild the dataset.

EB110  PARM DATASET DIRECTOY FULL
Explanation: There is not enough space in the RKANPAR dataset directory to add another member.
System Action: A new A-matrix or PFK member cannot be created.
User Response: Reallocate the RKANPAR dataset with more directory blocks.

EB120  MEMBER ALREADY EXISTS IN PARM DATASET
Explanation: The member you are trying to create with CMAT already exists in RKANPAR.
System Action: CMAT is aborted.
User Response: Choose a different A-matrix name or use RMAT to replace the existing member.

EB130  INVALID KEYWORD
Explanation: An unrecognizable keyword parameter was found on an input command. Either the keyword parameter was invalid or there was some prior input error.
System Action: EPILOG bypasses the command and continues scanning the statement.
User Response: Correct the invalid parameter.

EB131  AMBIGUOUS KEYWORD IN COLUMN nn
Explanation: An unrecognizable keyword parameter has been found on an input command either because it is not valid or because of some prior input error.
System Action: The reporter bypasses the command and continues scanning the statement.
User Response: Correct the invalid parameter.

EB140  DUPLICATE OR CONFLICTING PARAMETER
Explanation: The parameter indicated is invalid for one of three reasons: it does not apply to the current command, it has already been given, or it conflicts with other parameters already entered.
System Action: EPILOG bypasses the command and continues scanning the statement.
User Response: Correct the invalid parameter.

EB150  INVALID COMMAND IDENTIFIER
Explanation: The command entered is invalid or is not available for the processor being used.
System Action: EPILOG bypasses the statement.
User Response: Correct the invalid parameter.
EB160  MISSING DATE/TIME PARAMETERS
Explanation: The command entered was incomplete. The command requires a time, a date, or a day parameter.
System Action: KEBUTIL bypasses the statement.
User Response: Add the required data to the command.

EB180  MEMBER NOT FOUND
Explanation: The member does not exist in the RKANPAR dataset.
System Action: The member is not read.
User Response: Correct the member name and try again.

EB188  J, P, OR V ONLY VALID FOR RDAS AND DEGRADATION PANELS
Explanation: An attempt was made to use the J, P, or V navigation codes from a panel other than an RDAS or Degradation panel.
System Action: The reporter waits for the next command.
User Response: None. You can enter any valid command after encountering this warning.

EB189  ONLY D SELECTION VALID FROM INQUIRE SUMMARY PANEL
Explanation: An attempt was made to use a navigation code other than D from an INQUIRE SUMMARY panel.
System Action: The reporter waits for the next command.
User Response: None. You can enter any valid command after encountering this warning.

EB190  S, D, OR R NOT ALLOWED ON COMMAND INPUT LINE
Explanation: The S, D, or R selection commands were entered from the command input line at the top of the screen. The S, D, or R selection commands can only be entered from the data area of a full-screen display.
System Action: The selection is ignored.
User Response: Press Enter to return to the previous display.

EB191  S SELECTION INVALID WITH SINGLE INTERVALS
Explanation: The user asked for a single interval breakdown on a summary report when the display was already at the single interval level. S is only valid from a SUMMARY report where COMBINE has been used.
System Action: The selection ignored.
User Response: Press Enter to return to the previous display.

EB192  INTERNAL ERROR: D PROCESS FAILURE
Explanation: An internal error occurred while processing the user’s request.
System Action: The request is aborted.
User Response: This is an internal software error and not a user problem; contact Candle Customer Support.
EB193  D SELECTION INVALID FROM A DETAIL DISPLAY
Explanation: The user asked for a detailed degradation breakdown while already on a DETAIL display. D is only valid from a SUMMARY report.
System Action: The selection is ignored.
User Response: Press Enter to return to the previous display.

EB194  S SELECTION INVALID FROM A DETAIL DISPLAY
Explanation: The user tried to use S from a detailed degradation display; this is not allowed. Use the S selection command on a COMBINEd SUMMARY display to ask for a single interval breakdown of the selected time period.
System Action: The selection is ignored.
User Response: Press Enter to return to the previous display.

EB197  ISPF INTERFACE ERROR. ERR CODE EB197nnnn.
Explanation: An internal processing error occurred during the translation of EPILOG output to ISPF display format.
System Action: EPILOG abends with user abend code of 197.
User Response: The message includes a reason code number (nnnn). The user should contact Candle Customer Support with: (1) the error and reason code numbers (2) the text of the command entered, and (3) the display terminal type being used (for example, 3278-4, 3279-3b, and so on).

EB200  UNBALANCED QUOTES OR PARENTHESSES
Explanation: Either (1) a string is not quoted properly; that is, it does not lie entirely on one input line or it is missing a beginning or ending quote, or (2) it is missing a left or right parenthesis.
System Action: EPILOG bypasses the statement.
User Response: Correct the invalid parameter.

EB210  INVALID COMMAND FOR THIS PRODUCT ENVIRONMENT
Explanation: The specified EPILOG command is invalid for the current EPILOG API (Candle internal development interface).
System Action: The reporter stops processing the current command and starts processing the next command.
User Response: Contact Candle Customer Support.

EB220  INVALID RESOURCE PANEL TYPE FROM A-MATRIX
Explanation: An invalid resource panel name was found in the Automatic Analysis matrix specification.
System Action: Processing continues.
User Response: Correct the resource panel name and try again.

EB230  INVALID KEYWORD FOR THIS COMMAND
Explanation: The keyword is not valid with this command.
System Action: EPILOG bypasses the command and continues scanning the statement.
User Response: Correct the invalid keyword.
END OF INPUT, CONTINUATION EXPECTED
Explanation: The last line entered indicated that there would be more data but, in fact, the input ended.
System Action: EPILOG bypasses the statement.
User Response: Supply the remaining data or correct the last line entered.

EXCESSIVE PARAMETER(S) IN PARENTHESES
Explanation: There were additional parameters within a set of parentheses which were not processed by EPILOG. They were considered as extraneous because either they were not within the syntax of the keyword parameter or because errors were encountered when the statement was scanned.
System Action: EPILOG bypasses the statement.
User Response: Correct the prior statement by deleting extraneous parameters.

INVALID WAIT REASON FOR A-MATRIX
Explanation: The wait reason name specified in the A-matrix command is not valid. Please refer to the OMEGAMON II for IMS Realtime Commands Reference Manual, for valid wait reasons.
System Action: The command is ignored.
User Response: Correct the wait reason name and repeat the command.

INVALID COMPARATOR IN RIF EXPRESSION
Explanation: An invalid symbol for the comparator in the REPORTIF expression was entered.
System Action: The reporter waits for the next command.
User Response: Correct the comparator and resubmit the command.

INVALID VALUE IN RIF EXPRESSION
Explanation: An invalid value in the REPORTIF expression was entered.
System Action: The reporter waits for the next command.
User Response: Correct the value and resubmit the command.

INVALID UNIT IN RIF EXPRESSION
Explanation: An invalid unit in the REPORTIF expression was entered.
System Action: The reporter waits for the next command.
User Response: Correct the unit and resubmit the command.

DATA DICTIONARY CALL FAILURE
Explanation: An internal processing error has occurred while processing the REPORTIF expression on the command.
System Action: The reporter waits for the next command.
User Response: Contact Candle Customer Support.

RESOURCE TYPE NOT FOUND IN TABLE
Explanation: An internal processing error has occurred while processing the REPORTIF expression on the command.
System Action: The reporter waits for the next command.
User Response: Contact Candle Customer Support.
EB276  INVALID PRECISION IN RIF VALUE
Explanation: A value was entered in the RIF expression that was too precise for the data value in the resource record.
System Action: The reporter waits for the next command.
User Response: Reduce the precision of the value in the RIF expression.

EB277  INVALID COMPARATOR WITH CHARACTER MASK
Explanation: When a character string is specified using a mask, only the EQUAL and NOTEQUAL operators are supported.
System Action: None.
User Response: Correct the command input and continue.

EB278  INCOMPLETE RIF EXPRESSION
Explanation: A RIF expression requires a keyword, a comparator, and a value.
System Action: None.
User Response: Correct the command input and continue.

EB279  INVALID VALUE LENGTH IN RIF EXPRESSION
Explanation: The length of the input value exceeds the defined length for the value being tested by the RIF expression.
System Action: None.
User Response: Correct the command input and continue.

EB299  UNKNOWN ERROR HAS OCCURRED DURING PARSE
Explanation: The parse scanner has failed. No reason code was returned.
System Action: EPILOG bypasses the statement.
User Response: Examine the input statement carefully. If there does not appear to be any errors, call Candle Customer Support.

EB300  PARAMETER NOT NUMERIC
Explanation: A parameter that was required to be numeric was not.
System Action: EPILOG bypasses the command and continues scanning the statement.
User Response: Correct the invalid parameter.

EB310  INVALID DATE
Explanation: A date parameter has either an invalid format or is logically incorrect.
System Action: EPILOG bypasses the command and continues scanning the statement.
User Response: Correct the invalid parameter.

EB320  INVALID TIME
Explanation: A time parameter has either an invalid format or is logically incorrect.
System Action: EPILOG bypasses the command and continues scanning the statement.
User Response: Correct the invalid parameter.
EB330  MISSING WORKLOAD DEFINITION
Explanation: The user entered a command that required a workload but none was given.
System Action: EPILOG bypasses the previous statement.
User Response: Supply the missing workload type keyword to the command.

EB340  MISSING LAST SUBPARAMETER
Explanation: The last keyword entered required a subparameter but none was given. (This message sometimes results when you have mismatched or missing parentheses.)
System Action: EPILOG bypasses the previous keyword.
User Response: Supply the missing subparameter.

EB350  MISSING REQUIRED PARAMETER
Explanation: This command or keyword has a required operand, which was not entered.
System Action: EPILOG bypasses the previous keyword.
User Response: Examine the command and supply the required parameters.

EB400  INVALID PARAMETER LENGTH OR VALUE
Explanation: The parameter was either too long or too short or it had a value outside the required range.
System Action: EPILOG bypasses the command and continues scanning the statement.
User Response: Correct the invalid parameter.

EB410  PARAMETER AT INCORRECT LEVEL
Explanation: The indicated parameter was not contained in the correct set of parentheses. The use of parentheses was ambiguous.
System Action: EPILOG bypasses the command and continues scanning the statement.
User Response: Correct the invalid use of parentheses. Make sure all parentheses are matched pairs.

EB460  TITLE PARAMETER TOO LONG
Explanation: The string is longer than allowed for a title. The maximum number of characters for a title is 80.
System Action: EPILOG bypasses the command and continues scanning the statement.
User Response: Correct the invalid parameter.

EB470  WORKLOADS AND XPG ARE MUTUALLY EXCLUSIVE
Explanation: The user may not enter workload parameters if the cross performance group (XPG) report has been requested.
System Action: EPILOG bypasses the command and continues scanning the statement.
User Response: Determine which should be entered, the workload or XPG, and correct the statement accordingly.
**EB471**  
**COMBINE IS NOT ALLOWED WITH INTERPERF (XPG)**  
**Explanation:** The cross performance group display (XPG) cannot be generated with COMBINEd intervals.  
**System Action:** EPILOG bypasses the command and continues scanning the statement.  
**User Response:** Remove the COMBINE keyword and try again.

**EB472**  
**RESOURCES AND XPG ARE MUTUALLY EXCLUSIVE**  
**Explanation:** The user asked for two display types at the same time; only one is allowed.  
**System Action:** EPILOG bypasses the command and continues scanning the statement.  
**User Response:** Remove either the resource panel names or the XPG keyword from the command and try again.

**EB473**  
**SUMMARY AND XPG ARE MUTUALLY EXCLUSIVE**  
**Explanation:** The user asked for two display types at the same time; only one is allowed.  
**System Action:** EPILOG bypasses the command and continues scanning the statement.  
**User Response:** Remove either the SUMMARY or the XPG keyword from the command and try again.

**EB474**  
**DETAIL AND XPG ARE MUTUALLY EXCLUSIVE**  
**Explanation:** The user asked for two display types at the same time; only one is allowed.  
**System Action:** EPILOG bypasses the command and continues scanning the statement.  
**User Response:** Remove either the DETAIL or the XPG keyword from the command and try again.

**EB481**  
**COMBINE AND SINGLE ARE MUTUALLY EXCLUSIVE**  
**Explanation:** The user’s command included both combined intervals and single intervals. A display cannot use both combined intervals and single intervals at the same time.  
**System Action:** EPILOG bypasses the command and continues scanning the statement.  
**User Response:** Remove either the COMBINE or SINGLE keyword and try again.

**EB482**  
**AVERAGE AND TOTAL ARE MUTUALLY EXCLUSIVE**  
**Explanation:** The user’s command included both average and total response time numbers. A combined interval display cannot produce both average and total response time numbers at the same time.  
**System Action:** EPILOG bypasses the command and continues scanning the statement.  
**User Response:** Remove either the AVERAGE or TOTAL keyword and try again.
EB483  AVERAGE AND TOTAL ARE INVALID WITH SINGLE
Explanation: The user’s command includes AVERAGE or TOTAL keyword and the SINGLE keyword. The AVERAGE and TOTAL keywords both imply combined-interval processing; a display cannot use both combined intervals and single intervals at the same time.
System Action: EPILOG bypasses the command and continues scanning the statement.
User Response: Remove either the AVERAGE, TOTAL, or SINGLE keyword and try again.

EB484  AVERAGE AND TOTAL ARE INVALID WITH RESOURCE DISPLAYS
Explanation: The user’s command includes a resource keyword and the AVERAGE or TOTAL keywords. The AVERAGE and TOTAL options are only valid with DETAIL and SUMMARY reports.
System Action: EPILOG bypasses the command and continues scanning the statement.
User Response: Remove the AVERAGE or TOTAL keyword and try again.

EB485  RESOURCE AND WORKLOAD TYPES ARE MUTUALLY EXCLUSIVE
Explanation: The user asked for a resource panel but also specified a workload, which implies a DETAIL or SUMMARY report. Since only one display type is allowed at a time, the request is invalid.
System Action: EPILOG bypasses the command and continues scanning the statement.
User Response: Remove either the resource panel names or the workload specification and try again.

EB486  BAND AND RANGE ARE MUTUALLY EXCLUSIVE
Explanation: The BAND and RANGE keywords imply two different mutually exclusive interpretations of the start time/end time specification (BAND is the default).
System Action: EPILOG bypasses the command and continues scanning the statement.
User Response: Remove either the BAND or RANGE keyword and try again.

EB487  PARM MUST BE RESOURCE PANEL TYPE OR A-MATRIX NAME
Explanation: The RESOURCE command accepts only resource panels and A-matrix names as valid arguments.
System Action: The RESOURCE request is ignored.
User Response: Press Enter to return to the previous display or re-enter RESOURCE command.

EB488  SUMMARY AND DETAIL ARE MUTUALLY EXCLUSIVE
Explanation: The user requested both SUMMARY and DETAIL, which are two different report types. Only one report type is allowed per request.
System Action: EPILOG bypasses the command and continues scanning the statement.
User Response: Remove either the SUMMARY or DETAIL keyword and try again.
**EB489 INTERVAL INVALID WITH BATCH WORKLOAD**

**Explanation:** The user tried to COMBINE batch job workload data and supplied a multi-interval length. This is invalid since batch jobs do not directly relate to collection intervals.

**System Action:** EPILOG bypasses the command and continues scanning the statement.

**User Response:** Remove the interval length subparameter from COMBINE and try again.

**EB490 NO WORKLOAD, RESOURCE, OR DISPLAY TYPE WAS SUPPLIED**

**Explanation:** Every DISPLAY command must include a report type, either DETAIL, SUMMARY, Resource panel, XPE—in the DISPLAY command, or GROUPSUM. (You may also specify just a workload, for which the default is DETAIL.)

**System Action:** EPILOG bypasses the command and continues scanning the statement.

**User Response:** Supply a report type keyword and try again.

**EB491 RESOURCES AND SUMMARY ARE MUTUALLY EXCLUSIVE**

**Explanation:** The user requested both resource panels and SUMMARY, which are two different report types. Only one report type is allowed per request.

**System Action:** EPILOG bypasses the command and continues scanning the statement.

**User Response:** Remove either the resource panel or SUMMARY keyword and try again.

**EB492 RESOURCES AND DETAIL ARE MUTUALLY EXCLUSIVE**

**Explanation:** The user requested both resource panels and DETAIL, which are two different report types. Only one report type is allowed per request.

**System Action:** EPILOG bypasses the command and continues scanning the statement.

**User Response:** Remove either the resource panel or DETAIL keyword and try again.

**EB493 STEP AND COMBINE ARE MUTUALLY EXCLUSIVE**

**Explanation:** The user requested both STEP and COMBINE; only one kind of analysis is possible on a given display. STEP breaks down analysis of a job into its steps, while COMBINE combines information about several jobs or steps.

**System Action:** EPILOG bypasses the command and processing continues.

**User Response:** Remove either the COMBINE or STEP keyword from the command.

**EB494 INTERVAL AND COMBINE ARE MUTUALLY EXCLUSIVE**

**Explanation:** The user requested both INTERVAL and COMBINE. The INTERVAL keyword may not be used with the COMBINE keyword.

**System Action:** EPILOG bypasses the command and continues processing.

**User Response:** Remove either the INTERVAL or COMBINE keyword from the command.
EB496  INTERVAL KEYWORD INVALID WITH COMPARE COMMAND
Explanation: The INTERVAL keyword was used with the COMPARE command and therefore was invalidated.
System Action: None.
User Response: Correct and resubmit the command.

EB498  ADD, DROP, AND USE ARE MUTUALLY EXCLUSIVE KEYWORDS
Explanation: More than one of the ADD, DROP, or USE keywords were entered in the same DATASTOR command.
System Action: The reporter waits for the next command.
User Response: Eliminate the conflicting keywords and retry the operation.

EB499  EDS, DDS, AND RKM2PRDS ARE MUTUALLY EXCLUSIVE KEYWORDS
Explanation: More than one of the EDS, DDS, or RKM2PRDS keywords were entered in the same DATASTOR command.
System Action: The reporter waits for the next command.
User Response: Eliminate the conflicting keywords and retry the operation.

EB500  INVALID EXCEPTION LIMIT PARAMETER
Explanation: The exception limit parameter had an incorrect format.
System Action: EPILOG bypasses the command and continues scanning the statement.
User Response: Correct the invalid parameter.

EB510  INVALID UNIT OF TIME FOR EXCEPTION LIMIT
Explanation: The exception limit subparameter format was invalid.
System Action: EPILOG bypasses the command and continues scanning the statement.
User Response: Correct the invalid parameter.

EB520  INVALID DAY VALUE
Explanation: The parameter was not a valid operand of the DAY keyword.
System Action: EPILOG bypasses the command and continues scanning the statement.
User Response: Correct the invalid parameter.

EB530  SYSTEM IDENTIFICATION TOO LONG (MAX=4)
Explanation: The SYSID parameter exceeded the 1- to 4-characters in length limit.
System Action: EPILOG bypasses the command and continues scanning the statement.
User Response: Correct the invalid parameter.

EB531  MERGE ONLY ALLOWED ON DISPLAY AND SET COMMANDS
Explanation: The MERGE keyword was specified with the SYSID keyword in other than a DISPLAY or a SET command.
System Action: The reporter waits for the next command.
User Response: Eliminate the MERGE keyword from the SYSID keyword and retry the operation.
EB532 NO EDS ALLOCATED TO THIS REPORTER SESSION
Explanation: See message EB533 (IMS).
System Action: See message EB533 (IMS).
User Response: See message EB533 (IMS).

EB533 USE DATASTOR COMMAND TO ALLOCATE REQUIRED EDS
Explanation: A command requiring an EDS was issued while no EDS was available for processing.
System Action: The command terminates.
User Response: Use the DATASTOR command to allocate an EDS for the original command to process. Reissue the original command.

EB540 INVALID SMF RECORD VALUE (MAX=255)
Explanation: The SMF record number was larger than 255.
System Action: EPILOG bypasses the command and continues scanning the statement.
User Response: Correct the invalid parameter.

EB550 INVALID THRESHOLD VALUE (MAX=99)
Explanation: The user requested a value larger than 99 percent.
System Action: EPILOG bypasses the command and continues scanning the statement.
User Response: Correct the invalid parameter.

EB560 A-MATRIX NAME TOO LONG (MAX=7)
Explanation: The user requested an Automatic Analysis matrix (A-matrix) member name which exceeded seven alphanumeric characters. (EPILOG prefixes the member name with @ in the RKANPAR dataset.)
System Action: The request is aborted.
User Response: Correct the A-matrix name and try again.

EB561 SUMWAIT NAME TOO LONG (MAX=8)
Explanation: The member name specified contained more than 8 characters.
System Action: EPILOG bypasses the command and continues processing.
User Response: Correct the SUMWAIT name and reenter the command.

EB562 PRDX NAME TOO LONG (MAX=8)
Explanation: The member name specified contained more than 8 characters.
System Action: EPILOG bypasses the command and continues processing.
User Response: Correct the PDRX name and reenter the command.

EB570 PFK MEMBER NAME TOO LONG (MAX=7)
Explanation: A PFK definition member name can only be seven alphanumeric characters long. (This is because EPILOG prefixes the member name with $ in the RKANPAR dataset.)
System Action: The request is aborted.
User Response: Correct the PFK member name and try again.
EB580  ENTER PARMS FOR CREATING A-MATRIX
Explanation: When using CMAT or RMAT you must supply not only an
A-matrix name but also at least one wait reason and its associated resource panels
(such as PAG RPAG RPDS).
System Action: The CMAT or RMAT command is ignored.
User Response: Supply an appropriate automatic analysis specification (a wait
reason name followed by a string of resource panel names in parentheses).

EB590  CANNOT DELETE OR REPLACE LAST WAIT WITH RMAT
Explanation: When the user utilizes RMAT and specifies a wait reason with no
resource panels, the wait reason is deleted from the A-matrix. The wait reason
cannot be deleted if it is the only wait reason defined in the A-matrix.
System Action: The command is ignored.
User Response: Use two commands: one to delete the A-matrix (DMAT) and
the other to add a new A-matrix with the desired wait reason.

EB595  CANNOT DELETE AND ADD/REPLACE A WAIT IN THE SAME COMMAND
Explanation: When the user utilizes RMAT and specifies a wait reason with no
resource panels, the wait reason is deleted from the matrix. The user cannot
specify a wait reason to be added or replaced in the same command.
System Action: The command is ignored.
User Response: Use two commands; one to delete a wait reason, and the
other to add or replace a wait reason.

EB600  EDS DATASET OPEN ERROR nnn
Explanation: The EPILOG xxxxxxxx dataset did not open properly.
System Action: KEBMAINT or KEBUTIL terminates. The EPILOG reporter
continues if the return code is less than 128.
User Response: Determine how severe the error is and correct the xxxxxxxx
dataset accordingly. Note that in a multiple system environment it is normal to
receive error code 116 when the EPILOG datastore is currently open on another
system.

EB601  OPEN FAILED FOR EDS CODE = nn
Explanation: An attempt to open an EDS failed. nn is the VSAM error code
from OPEN; see the IBM VSAM administration documentation for more
information. Normally, this message will be followed by message EB930, which
identifies the dataset name of the EDS to which this message applies.
System Action: The issuing program continues normally.
User Response: None, unless additional error messages signal a problem; in
that case, respond as specified in the additional messages.
EB602 EDS OPENED WITH WARNING CODE = \text{nn}
Explanation: An EDS was successfully opened for input but VSAM issued a warning message. \text{nn} is the VSAM reason code associated with the warning; see the IBM VSAM administration documentation for more information. This message should be followed by message EB930, which identifies the dataset name of the EDS to which this message applies.
System Action: The issuing program continues normally.
User Response: Take appropriate action for the VSAM reason code specified.

EB605 RKM2PRDS DATASET OPEN ERROR
Explanation: EPILOG attempted to open the RKM2PRDS but the open failed.
System Action: The EPILOG function (RKM2PRDS initialization, reporter, or maintenance) is terminated.
User Response: Check or add a DD statement for the RKM2PRDS.

EB606 RKM2PRDS DATASET NOT OPEN FOR OUTPUT
Explanation: During the execution of the PROFILE command, EPILOG was not able to write to the Profile datastore. This error occurs if you submit the PROFILE command as input to the reporter.
System Action: EPILOG terminates the current command.
User Response: Do not submit the PROFILE command as input to the reporter.

EB607 KEYWORD PNAME MISSING
Explanation: The PROFNAME (PNAME) keyword was not supplied on the PROFILE command.
System Action: EPILOG terminates the current command.
User Response: Supply the PNAME keyword on the PROFILE command.

EB610 EDS DATASET READ ERROR CODE = \text{nnn}
Explanation: A read against an EPILOG datastore failed.
System Action: The command or command section is terminated. If possible, the command continues with another workload.
User Response: This problem was caused by either an I/O error on the dataset or an internal error within EPILOG. If the error code does not indicate an I/O error, contact Candle Customer Support for assistance.

EB611 LSR INDEX BUFFERS OBTAINED = \text{nnn}
Explanation: This is a normal initialization message that indicates the number of index LSR buffers obtained during initialization.
System Action: Processing continues.
User Response: None.

EB612 LSR DATA BUFFERS OBTAINED = \text{nnn}
Explanation: This is a normal initialization message that indicates the number of data LSR buffers obtained during initialization.
System Action: Processing continues.
User Response: None.
EB615  RKM2PRDS DATASET I/O ERROR
Explanation: During the execution of the PROFILE command, EPILOG encountered an error while reading/writing to the Profile datastore.
System Action: EPILOG terminates the current command.
User Response: There is a problem with the Profile datastore that might require datastore maintenance. Other messages preceding this one should help you pinpoint the problem. If you need further assistance, contact Candle Customer Support.

EB620  NO EPILOG RECORDS MATCHED SELECTION CRITERIA
Explanation: The EPILOG datastore was searched and no records were found which matched the user’s request. At least 10 samples must be taken before data for a batch job step is written to an EDS. If SAMPTIME is set in KEPOPTN to 2.3, the minimum elapsed time for a job step is 23 seconds. There will be no data on the EDS for job steps shorter than 23 seconds.
System Action: Processing continues with the next command.
User Response: None.

EB630  EDS DATASET ERASE ERROR nnn
Explanation: An error occurred while erasing an EPILOG xxxxxxxx dataset record.
System Action: Processing continues with another workload or the next command.
User Response: This problem could be caused by either an I/O error on the dataset or an internal error within EPILOG. If the error code does not indicate an I/O error, call Candle Customer Support for assistance.

EB640  EDS DATASET WRITE ERROR nnn
Explanation: An error occurred while a WRITE was issued to the EPILOG xxxxxxxx dataset.
System Action: Processing continues with another workload or the next command.
User Response: This problem could be caused by either an I/O error on the dataset or an internal error within EPILOG. If the error code does not indicate an I/O error, call Candle Customer Support for assistance.

EB650  MODCB/SHOWCB/TESTCB ERROR
Explanation: A control block manipulation request failed with the indicated return code.
System Action: The command processing terminates and the next command is processed.
User Response: This is an internal software error and not a user problem; call Candle Customer Support.
EB660  **EDS DATASET CLOSE ERROR nnn**  
**Explanation:** An error occurred while a CLOSE was issued to the VSAM cluster.  
**System Action:** EPILOG processor terminates.  
**User Response:** This problem could be caused by either an I/O error on the dataset or an internal error within EPILOG. If the error code does not indicate an I/O error, call Candle Customer Support for assistance.

EB670  **EDS DATASET POINT ERROR nnn**  
**Explanation:** An error occurred while a POINT was issued to the VSAM cluster.  
**System Action:** The command initiating the POINT request terminates.  
**User Response:** This problem could be caused by either an I/O error on the dataset or an internal error within EPILOG. If the error code does not indicate an I/O error, call Candle Customer Support for assistance.

EB680  **EDS DATASET ENDRQ ERROR**  
**Explanation:** An error occurred while an ENDRQ was issued to the VSAM cluster.  
**System Action:** EPILOG operation is terminated.  
**User Response:** This problem was caused by either an I/O error on the dataset or an internal error within EPILOG. If the error code does not indicate an I/O error, call Candle Customer Support.

EB690  **RECSIZE GREATER THAN 32767. COLLECTOR TERMINATING.**  
**Explanation:** The maximum record size (RECSIZE) for the EPILOG datastore is 32767.  
**System Action:** Collector initialization stops and data collection does not begin.  
**User Response:** Define a new cluster for the EPILOG datastore with a record size of 32767 or less.

EB691  **KEYSIZE OF EDS INCORRECT. EPILOG TERMINATING.**  
**Explanation:** An incorrect keysize was entered. The EPILOG datastore requires a VSAM key that is 32 bytes in length.  
**System Action:** None.  
**User Response:** Verify that EDSLIST or the RKM2EDS ddname specifies the correct VSAM clusters. If necessary, redefine the datastore.

EB692  **KEYSIZE OF RKM2PRDS INCORRECT. EPILOG TERMINATING.**  
**Explanation:** An incorrect keysize was entered. The Profile datastore requires a VSAM key that is 80 bytes in length.  
**System Action:** None.  
**User Response:** Correct the DD statement or redefine the cluster. Check the RKM2PRDS DD statement to be sure that it points to the correct cluster and dataset.
EB693 INVALID OR MISSING INITIALIZATION RECORD
Explanation: An EDS that had successfully been opened for input did not contain a valid initialization record. If the issuing program supports multiple datastores, this message will be followed by message EB930, which identifies the dataset name of the EDS to which this message applies.
System Action: The issuing program terminates, continues without the EDS, or continues with restricted use of the EDS.
User Response: You may have failed to properly initialize the EDS. If you determine that the EDS is empty, initialize the EDS using the KEBINIT utility. However, this message may also be the result of inappropriate use of VSAM utilities to alter EDS content, or of specification of a VSAM cluster that is not a valid EDS. If you are unable to resolve this problem, contact Candle Customer Support for assistance.

EB695 EDS SUCCESSFULLY RESET
Explanation: The KEBRSET utility successfully reset the collection status of an EDS to AVAILABLE.
System Action: KEBRSET terminates normally.
User Response: None.

EB700 WAIT REASON NOT FOUND IN TABLE
Explanation: This was an internal processing error.
System Action: The command is terminated.
User Response: This is an internal software error and not a user problem; contact Candle Customer Support.

EB720 INTERNAL ERROR: INVALID REPORT TYPE
Explanation: This was an internal processing error.
System Action: The command is terminated.
User Response: This is an internal software error and not a user problem; contact Candle Customer Support.

EB760 MISSING QUOTE IN SUMWAIT MEMBER IN LINE nn
Explanation: There were unbalanced quotes in the specified line of the SUMWAIT member being processed.
System Action: Syntax checking is discontinued and SUMWAIT defaults are put in effect.
User Response: Correct the error in the SUMWAIT specification.

EB761 MISSING QUOTE IN PRDX MEMBER IN LINE nn
Explanation: There were unbalanced quotes in the specified line of the productivity index definition member being processed.
System Action: Syntax checking is discontinued and productivity index defaults are put in effect.
User Response: Correct the error in the rhilev.REDPARM member containing the productivity index definitions.
EB762 DUPLICATE SHORT SUMWAIT NAMES IN LINE nn
Explanation: Two different summary wait names have the same 4-character abbreviation specified. The 4-character abbreviations must be unique.
System Action: SUMWAIT defaults are put in effect.
User Response: Correct the error in the SUMWAIT specification.

EB763 CONFLICTING SHORT SUMWAIT NAMES IN LINE nn
Explanation: The user specified two different 4-character abbreviations for the same summary wait reason; only one is permitted.
System Action: SUMWAIT defaults are put in effect.
User Response: Correct the error in the SUMWAIT specification.

EB764 INVALID DETAIL WAIT IN SUMWAIT MEMBER IN LINE nn
Explanation: The detailed wait reason specified as the first string in the summary wait specification is not a valid 3-character wait code.
System Action: SUMWAIT defaults are put in effect.
User Response: Correct the error in the SUMWAIT specification.

EB765 INVALID DETAIL WAIT IN PRDX MEMBER IN LINE nn
Explanation: The detailed wait reason specified as the first string in the PRDX wait specification is not a valid 3-character wait code.
System Action: PRDX defaults are put in effect.
User Response: Correct the error in the PRDX specification.

EB766 INVALID PRDX CATEGORY IN LINE nn
Explanation: Valid PRDX categories are PROD, NPROD, and IDLE. Others are flagged.
System Action: PRDX defaults are used.
User Response: Correct the error in the PRDX specification.

EB800 EXCLUDE INVALID WITH MULTIPLE DATA BASES
Explanation: EXCLUDE command cannot process EPILOG datastore and Profile datastore data in the same job.
System Action: EPILOG terminates the KEBUTIL program.
User Response: Check the EXCLUDE commands to insure that they contain only one datastore keyword: either EDS or RKM2PRDS. If no datastore keyword is specified, the default is EDS.

EB801 RKM2PRDS DDNAME MISSING FOR EXCLUDE RKM2PRDS
Explanation: To exclude Profile datastore data, the user’s job must have a RKM2PRDS DD statement with the ddname of the RKM2PRDS. The job cannot contain an RKM2EDS DD statement.
System Action: EPILOG terminates the KEBUTIL program.
User Response: Replace the RKM2EDS DD statement with a RKM2PRDS DD statement that contains the ddname for the Profile datastore.
EB802  RKM2EDS DDNAME MISSING FOR EXCLUDE EDS
Explanation: To exclude EPILOG datastore data, the user’s job must have an RKM2EDS DD statement with the ddname of the EDS. The job cannot contain a RKM2PRDS DD statement.
System Action: EPILOG terminates the KEBUTIL program.
User Response: Replace the RKM2PRDS DD statement with an RKM2EDS DD statement that contains the ddname for the EPILOG datastore.

EB900  TSO COMMAND SCHEDULING ERROR
Explanation: A severe error occurred when trying to issue a TSO command.
System Action: The request is aborted.
User Response: Issue the same command when not using EPILOG. If the problem still occurs, it was not due to EPILOG.

EB901  TSO COMMAND ENDED WITH NON-ZERO RETURN CODE = nnn
Explanation: An unusual condition occurred because of the TSO command.
System Action: The command is executed with return code nnn.
User Response: Consult the appropriate IBM documentation to determine the reason for the return code.

EB902  TSO COMMAND ABENDED xxxxxxxx
Explanation: A processing error xxxxxxxx occurred because of the TSO command.
System Action: The request is aborted.
User Response: Consult the appropriate IBM documentation to determine the reason for the return code.

EB910  INITIALIZATION ABORTED. EPPROD KEYWORD MISSING OR BAD PRODUCT CODE.
Explanation: EPPROD=xx (I2) was not specified or xx is an invalid product code.
System Action: Immediate termination.

EB911  INITIALIZATION ABORTED. PRODUCT VECTOR NOT USABLE REASON CODE= xx
Explanation: A zero (00) reason code indicates module KEPPVECT returned an invalid product vector address, or the address does not point to a valid product vector. A non-zero reason code indicates that a product component is either missing or invalid. Non-zero reason codes and meanings vary according to which product you are running.
For DELTAMON or EPILOG, a non-zero reason code can be any of the following:

08  Load modules KEPRPTR and KDMRPTR are missing from RKANMOD.
12  Both KEPRPTR and KDMRPTR are available in RKANMOD, but load module KEPRPTR is invalid.
EB920  **OBTAIN IS NOT SUPPORTED UNDER THIS OPERATING SYSTEM**

**Explanation:** The OBTAIN command currently is supported under the VM and MVS systems. An attempt was made to run the program on a system other than VM or MVS.

**System Action:** The OBTAIN command stops processing, and control is returned to the calling program.

**User Response:** Ensure that the proper operating system is running.

EB921  **OPEN FAILURE ON DATASET ddname**

**Explanation:** The OBTAIN command attempted to open a specified dataset and failed.

**System Action:** The OBTAIN command stops processing, and control is returned to the calling program.

**User Response:** Verify that the DCB parameters are specified as follows: DSORG=PS, RECFM=V, LRECL=4096 or DSORG=PS, RECFM=VB, LRECL=4096, BLKSIZE=n, where n is 4100 or greater.

EB922  **ALLOCATION FAILURE ON ddname, CODE: nn**

**Explanation:** The OBTAIN command attempted to allocate a new file and received error code nn.

**System Action:** The OBTAIN command stops processing, and control is returned to the calling program.

**User Response:** Determine the reason for allocation failure by examining the dataset name and the failure code (see the IBM MVS systems programmer’s documentation for more information). Correct the dataset specification, and resubmit the job.
EB923 WRITE FAILED TO DATASET NAME *ddname*
**Explanation:** A write error was received when attempting to write a new record to the output dataset or the message file.
**System Action:** The OBTAIN command stops processing, and control is returned to the calling program.
**User Response:** Determine the reason for the write error. Check that there is enough space on the output dataset, and that sufficient extents are allocated.

EB924 ILLEGAL COMBINATION OF REPORT NAMES
**Explanation:** An attempt was made to obtain data from more than one report, and the report names were not from the same report type group.
**System Action:** The OBTAIN command returns to process the next command in the input file.
**User Response:** Correct the combinations of report names being requested, and resubmit the job.

EB925 INVALID ELEMENT NAME *cccccccc*
**Explanation:** An element name has been specified that is not on the reports requested.
**System Action:** The issuing program continues.
**User Response:** Check the element name against the data dictionary for spelling and availability.

EB926 SYNTAX ERROR IN INPUT
**Explanation:** An error was encountered in the input command.
**System Action:** The command is bypassed.
**User Response:** Check the syntax of the command. There may be additional messages concerning this command.

EB927 DDNAME *aaaaaaa NOT FOUND. COMMAND NOT EXECUTED.*
**Explanation:** A ddname was entered that was not found in the OBTAIN JCL or CLIST.
**System Action:** Processing continues with the next command.
**User Response:** Resubmit the command with a ddname found in the JCL or CLIST. Or, revise the JCL or CLIST to include the desired ddname, then resubmit the command.

EB928 CURRENTLY USING DATASET *aaaa*
**Explanation:** A valid DD statement was encountered, and the dataset specified in *aaaa* is currently being written to.
**System Action:** Processing continues with the next command.
**User Response:** None, unless the dataset specified is not as expected. In that case, change the OBTAIN JCL or CLIST to reflect the desired dataset.
EB929  **OBTAINT** ness - nnnn
Explanation: An internal error occurred during OBTAINT processing.
System Action: The OBTAINT command will terminate and control will return
to the calling program.
User Response: Contact Candle Customer Support Services representative
with the information from the error message.

EB930  **EDS DSN =** datasetname
Explanation: This message identifies the EDS involved in an error described by
a previous message.
System Action: The system action depends on the previous message.
User Response: See the user response for the previous message.

EB940  **REOPEN ERROR. CONTINUING WITH OLD BUFFER VALUES.**
Explanation: A REOPEN command was issued with BUFNI and/or BUFND
specifications. The operation failed and the original BUFNI/BUFND values were
reinstated. A larger region size specification in subsequent reporter sessions will
probably allow the increased BUFNI/BUFND specifications.
System Action: The reporter session continues normally.
User Response: None.

EB945  **DYNAMIC ALLOCATION INFO. RETRIEVAL ERROR CODE =** xxxxxxxxxx
Explanation: An error occurred using SVC 99 to obtain dynamic allocation
status information. xxxxxxxxxx is a hexadecimal string containing the SVC 99 return
code (first four characters) and error reason code (last four characters). See the
IBM MVS systems programmer’s documentation for more information.
System Action: The issuing program terminates or attempts to continue
without the information.
User Response: Contact Candle Customer Support.

EB946  **EDS DYNAMIC ALLOCATION FAILED CODE =** nnnn
Explanation: An error occurred during an attempt to dynamically allocate an
EDS. Nnnn is the SVC 99 error reason code; see the IBM systems programmer’s
documentation for more information. If the issuing program supports multiple
datastores, this message will be followed by message EB930, which identifies the
dataset name of the EDS to which this message applies.
System Action: The issuing program terminates or continues without the EDS.
User Response: In a multiple datastore environment, it may be normal for
some of the datastores specified as input parameters to be unavailable. Usually,
the EPILOG reporter and collector will continue to run without the unavailable
EDS. If the EDS should have been available, determine why it could not be
allocated and take appropriate corrective action.
EB947 EDS DYNAMIC DEALLOCATION FAILED CODE = nnnn
Explanation: An error was encountered during an attempt to dynamically deallocate an EDS. nnnn is the SVC 99 error reason code; see the IBM system programmer’s documentation for more information. If the issuing program supports multiple datastores, this message will be followed by message EB930, which identifies the dataset name of the EDS to which this message applies.
System Action: The issuing program attempts to continue.
User Response: This message may indicate an internal error. If nnnn does not indicate a problem related to your installation, contact Candle Customer Support.

EB991 EDS HAS BECOME UNAVAILABLE, REPORTER ABORTING
Explanation: The REOPEN command was unable to complete successfully, and the reporter no longer has a valid open EPILOG datastore. (This message is usually accompanied by an EB600, EB650, or EB660 error message.)
System Action: The EPILOG reporter terminates.
User Response: Consult the accompanying error messages for possible responses.

EB997 INCOMPLETE RECORD SET DETECTED
Explanation: The EPILOG Reporter found a pointer record with no associated data record in the EDS.
System Action: The EPILOG Reporter skips to the next pointer record and continues.
User Response: This may indicate a VSAM problem; contact IBM. Also, contact any third party vendors of VSAM-related software to see if problems have been reported for which a fix is available. Unloading/reloading the EDS with KEBUTIL may resolve the broken EDS record.

EB998 INTERNAL ERROR IN MODULE cccccccc CODE = nnnn
Explanation: An internal error message occurred in the specified module. This is not a user problem.
System Action: The command is bypassed.
User Response: Contact Candle Customer Support and report the exact text of the message, including the module and code number and the command that was entered.

EB999 UNABLE TO OPEN MESSAGE DATASET
Explanation: The message dataset did not open properly in batch mode. Therefore, there is no way for EPILOG to do its logging and error reporting.
System Action: EPILOG does not log or report any information.
User Response: Verify that the start-up JCL is correct and restart EPILOG.

EB9850 VSAM aaaaaaaaaaaaaaaaaaaaa failed in module bbbbbbb
Explanation: There is a VSAM access error.
System Action: None.
User Response: Refer to your VSAM documentation. If this does not help, then call Candle Customer Support and provide all the information listed in messages EB9850, EB9851, EB9852, EB9853, EB9854, and EB9855.
EB9851  RPL Feedback Code  $nn (nn)
Explanation: There is a VSAM access error.
System Action: None.
User Response: Refer to your VSAM documentation. If this does not help, then call Candle Customer Support and provide all the information listed in messages EB9850, EB9851, EB9852, EB9853, EB9854, and EB9855.

EB9852  Feedback Reason  aaaaaaaaaaaaaaaaaaaaaa
Explanation: There is a VSAM access error.
System Action: None.
User Response: Refer to your VSAM documentation. If this does not help, then call Candle Customer Support and provide all the information listed in messages EB9850, EB9851, EB9852, EB9853, EB9854, and EB9855.

EB9853  Return Address  nnnnnnnn (xxxxxxx + nnnnnn)
Explanation: There is a VSAM access error.
System Action: None.
User Response: Refer to your VSAM documentation. If this does not help, then call Candle Customer Support and provide all the information listed in messages EB9850, EB9851, EB9852, EB9853, EB9854, and EB9855.

EB9854  DDNAME from ACB  aaaaaa
Explanation: There is a VSAM access error.
System Action: None.
User Response: Refer to your VSAM documentation. If this does not help, then call Candle Customer Support and provide all the information listed in messages EB9850, EB9851, EB9852, EB9853, EB9854, and EB9855.

EB9855  DSNAME from JFCB  aaaaaaaa
Explanation: There is a VSAM access error.
System Action: None.
User Response: Refer to your VSAM documentation. If this does not help, then call Candle Customer Support and provide all the information listed in messages EB9850, EB9851, EB9852, EB9853, EB9854, and EB9855.
EC081  RKM2DUMP OPEN FAILURE
Explanation:  The RKM2DUMP DD statement was not present or failed to open properly; RKM2DUMP must be present for the EPILOG collector to start up. (The RKM2DUMP SYSOUT file is used by the EPILOG collector for error diagnostics and only contains output in the event of an ABEND.)
System Action:  The collector does not initialize.
User Response:  Provide the required DD statement and restart the collector.

EC086  RKANPAR OPEN FAILURE
Explanation:  The RKANPAR DD statement was not present or failed to open properly; KEPOPTN must be present for the EPILOG collector to start up. (The KEPOPTN input file contains the EPILOG collector’s initialization options and parameters.)
System Action:  The collector will not start up.
User Response:  Provide the required DD statement and restart the collector.

EC091  IDENTIFY ERROR RC = nnn
Explanation:  The EPILOG collector was unable to successfully issue an IDENTIFY for the degradation analysis collection module; the IDENTIFY failed with the return code shown.
System Action:  The EPILOG collector does not start up.
User Response:  Refer to the IBM MVS Supervisor documentation for a description of return codes from the IDENTIFY macro. An error from IDENTIFY probably means that KEPCOLL has been incorrectly link-edited. Verify that the last APPLY job that affected this module was effective. If the problem persists, contact Candle Customer Support.

EC092  ATTACH ERROR RC = nnn
Explanation:  The EPILOG collector was unable to successfully ATTACH the degradation analysis collection subtask; the ATTACH failed with the return code shown.
System Action:  The collector does not start up.
User Response:  Refer to the IBM MVS Supervisor documentation for a description of return codes from the ATTACH macro. A return code of 8 means there was insufficient virtual memory, in which case the user should increase the region size and try again. Any other return code may indicate an internal software error, in which case the user should contact Candle Customer Support.
EC093  ESTAE CREATION FAILED, RC = nnn
Explanation: The EPILOG collector was unable to successfully issue an ESTAE to establish error recovery; the ESTAE failed with the return code shown.
System Action: The collector does not start up.
User Response: Refer to the IBM MVS Supervisor documentation for a description of return codes from the ESTAE macro. A return code of 20 means there was insufficient virtual memory, in which case the user should increase the region size and try again. Any other return code may indicate an internal software error, in which case the user should contact Candle Customer Support.

EC130  INVALID KEYWORD
Explanation: An unrecognizable keyword parameter has been found on an input command either because it is invalid or because of some prior input error.
System Action: The EPILOG collector bypasses the command and continues scanning the statement.
User Response: Correct the invalid parameter.

EC140  DUPLICATE OR CONFLICTING PARAMETER
Explanation: The parameter indicated is invalid for one of the following reasons: it is not available for the current command, it has already been given, or it conflicts with other parameters already entered.
System Action: The EPILOG collector bypasses the command and continues scanning the statement.
User Response: Correct the invalid parameter.

EC150  INVALID COMMAND IDENTIFIER
Explanation: The command entered is invalid or is not available for the processor being used.
System Action: The EPILOG collector bypasses the statement.
User Response: Correct the invalid parameter.

EC200  UNBALANCED QUOTES OR PARENTHESES
Explanation: Either a string is (1) not quoted properly, that is, it does not lie entirely on one input line or it is missing a beginning or ending quote, or (2) it is missing a left or right parenthesis.
System Action: The EPILOG collector bypasses the statement.
User Response: Correct the invalid parameter.

EC201  CT/DS DISCONNECT STARTED
Explanation: When the EPILOG collector terminates or experiences a CT/DS™ failure, the collector disconnects from the CMS™. This message indicates that the disconnect is taking place.
System Action: The EPILOG collector is disconnected from the CMS.
User Response: If this occurs during collector operation (i.e., not during termination), determine why the data server failure took place.
EC202  EXDC COLLECTION INACTIVE
Explanation: The EXDC collector in the CMS has been found to be inactive.
System Action: The EPILOG collector continues, but cannot collect any data produced by the EXDC component.
User Response: Examine the RKLVLOG of the CMS to determine why the EXDC component is not running.

EC203  EXDC COLLECTION STARTED
Explanation: The EXDC collector in the CMS has been started.
System Action: None.
User Response: None. This message is informational only.

EC204  NO CT/DS WLM DATA AVAILABLE THIS INTERVAL
Explanation: No data was returned by the CMS for the current interval.
System Action: None.
User Response: None. This message normally appears immediately after the collector start-up. However, if the message appears at other times, examine the CMS RKLVLOG to determine why WLM data is not available.

EC205  CT/DS SWITCHED TO PROXY, RECONNECT SCHEDULED
Explanation: The CMS has become the Sysplex proxy.
System Action: In order to start collecting Sysplex level data, the collector will disconnect and then reconnect to the CMS.
User Response: None.

EC206  CT/DS NO LONGER A PROXY, RECONNECT SCHEDULED
Explanation: The CMS has lost Sysplex proxy status.
System Action: In order to stop collecting Sysplex level data, the collector will disconnect and then reconnect to the CMS. If a backup Sysplex proxy has been defined, Sysplex level data collection will begin at the new Sysplex proxy location.
User Response: None.

EC211  SWITCH TO GOAL MODE COMPLETED SUCCESSFULLY
Explanation: The WLM was switched from compatibility mode to goal mode.
System Action: None.
User Response: None. This message is informational only.

EC212  SWITCH TO COMPATIBILITY MODE COMPLETED SUCCESSFULLY
Explanation: The WLM was switched from goal mode to compatibility mode.
System Action: None.
User Response: None. This message is informational only.

EC230  INVALID KEYWORD FOR THIS COMMAND
Explanation: The keyword is not valid with this command.
System Action: The EPILOG collector bypasses the command and continues scanning the statement.
User Response: Correct the invalid keyword.
EC239  IWMRCOLL DATA AREA ALLOCATED
Explanation: A data area was allocated for IWMRCOLL data calls.
System Action:  None.
User Response:  None. This message is informational only.

EC240  END OF INPUT, CONTINUATION EXPECTED
Explanation: The last line entered indicated that there would be more data but no additional data was supplied.
System Action: The EPILOG collector bypasses the statement.
User Response: Supply the additional data or correct the prior statement.

EC241  CT/DS RECONNECT STARTED
Explanation: When a data server call to the CMS fails, the EPILOG collector disconnects from the server, and then periodically attempts to reestablish the connection. This message indicates that a reconnect is being attempted.
System Action:  None.
User Response:  None. This message is informational only.

EC242  CT/DS RECONNECT NOT SUCCESSFUL
Explanation: The EPILOG collector was not able to reconnect to the CMS.
System Action:  None.
User Response: Examine the CMS task to determine why the collector is not able to reconnect.

EC243  SERVICE CLASS TABLE INITIALIZATION FAILED
Explanation: During collector initialization, or after a WLM switch from compatibility mode to goal mode, the EPILOG collector allocates a data area for monitoring service classes. This message indicates that the collector was not able to obtain space for that area.
System Action: The EPILOG collector terminates.
User Response: Restart the collector with a larger region size. If you are using the default size (or larger), contact Candle Customer Support.

EC299  UNKNOWN ERROR HAS OCCURRED DURING PARSE
Explanation: The parse scanner has failed. No reason code was returned.
System Action: The EPILOG collector bypasses the statement.
User Response: Examine the input statement carefully. If the user is unable to detect any errors, contact Candle Customer Support.

EC300  PARAMETER NOT NUMERIC
Explanation: A parameter that is required to be numeric was not.
System Action: The EPILOG collector bypasses the command and continues scanning the statement.
User Response: Correct the invalid parameter.
EC310 INVALID DATE
Explanation: A date parameter had either an invalid format or was logically incorrect.
System Action: The EPILOG collector bypasses the command and continues scanning the statement.
User Response: Correct the invalid parameter.

EC320 INVALID TIME
Explanation: A time parameter had either an invalid format or was logically incorrect.
System Action: The EPILOG collector bypasses the command and continues scanning the statement.
User Response: Correct the invalid parameter.

EC330 MISSING WORKLOAD DEFINITION
Explanation: The user entered a command which required a workload but none was given.
System Action: The EPILOG collector bypasses the previous statement.
User Response: Supply the missing workload type keyword to the command.

EC340 MISSING LAST SUBPARAMETER
Explanation: The last keyword entered required a subparameter and none was given.
System Action: The EPILOG collector bypasses the previous keyword.
User Response: Supply the missing subparameter.

EC350 MISSING REQUIRED PARAMETER
Explanation: This command or keyword has a required operand which was not entered.
System Action: The EPILOG collector bypasses the previous keyword.
User Response: Examine the command and supply the required parameters.

EC380 USER OPTIONS PREVENT PERSISTENT DATA COLLECTION
Explanation: User options request collection of persistent data but suppress the recording of this data.
System Action: If EDS collection was requested, the historical collector attempts to continue; otherwise, the collector terminates. In any event, the collector does not attempt to collect or record Candle Management Server persistent data.
User Response: Specify either PDSDATA or SMFDATA (or both) in RKANPAR to permit the collector to record persistent data to Candle Management Server, SMF, or both.
EC381  PATH TO CT/DS NOT AVAILABLE FOR PERSISTENT DATA
Explanation: The historical collector was unable to create a path to Candle Management Server™ for purposes of recording persistent data.
System Action: Persistent data for the current RMF interval is not written to Candle Management Server. If SMFDATA or SPILLSMFDATA was specified, the data is written to SMF. The historical collector continues executing.
User Response: If Candle Management Server is not running, start it (the collector will attempt to reconnect for the next RMF interval’s persistent data). If Candle Management Server is running and the cause and resolution of the problem are not obvious from other collector messages and Candle Management Server messages, contact Candle Customer Support.

EC382  REINITIALIZATION OF CT/PDS INTERFACE FAILED
Explanation: The historical collector was unable to reinitialize its interface to Candle Management Server for the purpose of recording persistent data.
System Action: Recording of persistent data to Candle Management Server is disabled. Persistent data will be written to SMF if SMFDATA or SPILLSMFDATA was specified and the collector cannot reestablish its PDS interface before interval data is ready for recording. The historical collector continues executing.
User Response: If Candle Management Server is not running, start it (the collector will attempt to reconnect for the next RMF interval’s persistent data). If Candle Management Server is running and the cause and resolution of the problem are not obvious from other collector messages and Candle Management Server messages, contact Candle Customer Support.

EC383  REQUESTED SWITCH COMPLETED SUCCESSFULLY
Explanation: This informational message confirms the successful completion of an operator-requested switch of media for recording persistent data. The switch is either to SMF or to Candle Management Server PDS.
System Action: The collector continues executing.
User Response: None.

EC384  CT/DS PERSISTENT DATA RECORDING IS ALREADY ACTIVE
Explanation: The historical collector was instructed by operator command to switch to persistent data recording, but persistent data recording is already in progress.
System Action: The collector ignores the operator command and continues executing.
User Response: None.

EC386  NOPDSDATA OPTION PREVENTS SWITCH TO PERSISTENT DATA
Explanation: The historical collector was instructed by operator command to switch to persistent data recording, but NOPDSDATA was specified in RKANPAR.
System Action: The collector ignores the operator command and continues executing.
User Response: If recording of persistent data to Candle Management Server is desired, specify PDSDATA in the RKANPAR file.
EC387  CT/DS PATH SUCCESSFULLY CREATED FOR PERSISTENT DATA
Explanation: This is an informational message issued whenever the collector (re)creates its Candle Management Server path for persistent data. The historical collector successfully created a path to Candle Management Server for purposes of recording persistent data.
System Action: The collector continues.
User Response: None.

EC388  SMF RECORDING OF PERSISTENT DATA IS ALREADY ACTIVE
Explanation: The historical collector was instructed by operator command to switch to SMF recording of persistent data. However, SMF recording of persistent data is already in progress.
System Action: The collector ignores the operator command and continues executing.
User Response: None.

EC389  NOSMFDATA OPTION PREVENTS SWITCH TO SMF RECORDING
Explanation: The historical collector was instructed by operator command to switch to SMF recording of persistent data, but NOSMFDATA was specified in RKANPAR.
System Action: The collector ignores the operator command and continues executing.
User Response: If recording of persistent data to SMF is desired, specify SMFDATA or SPILLSMFDATA in the RKANPAR file.

EC391  NO CT/DS PERSISTENT DATA AVAILABLE THIS INTERVAL
Explanation: The historical collector did not record any persistent data for the RMF interval that just ended because none was available from Candle Management Server during the interval. Data was recorded neither to CT/PDS nor to SMF.
System Action: The EPILOG collector continues.
User Response: If you instructed the historical collector to collect some form of persistent data (WLM, XCF, or XES) and you expected that data to be available during the RMF interval in question, this informational message may indicate problems with the Candle Management Server server task. Examine the Candle Management Server task’s RKLVLOG for messages indicating problems during the RMF interval in question. If you are unable to resolve the problem from information provided by the server task, contact Candle Customer Support.
EC392  SPILLING PERSISTENT DATA TO SMF
Explanation: The EPILOG collector is recording the persistent data for the current RMF interval to SMF because its attempt to record the data to Candle Management Server failed.
System Action: The collector continues.
User Response: There are various reasons that the collector’s attempts to write collected persistent data to Candle Management Server might fail. The most obvious is that the Candle Management Server data server task is not running. In this case, the collector will reconnect to Candle Management Server and resume Candle Management Server recording when you restart the Candle Management Server STC. Messages preceding this one in the Input/Error Log may help explain the reasons for the failure. Contact Candle Customer Support if you need further assistance.

EC400  INVALID PARAMETER LENGTH OR VALUE
Explanation: Either the parameter was too long or too short or it had a value outside the required range.
System Action: The EPILOG collector bypasses the command and continues scanning the statement.
User Response: Correct the invalid parameter.

EC410  PARAMETER AT INCORRECT LEVEL
Explanation: The indicated parameter either was not contained in the correct set of parentheses or the use of parentheses was ambiguous.
System Action: The EPILOG collector bypasses the command and continues scanning the statement.
User Response: Correct the invalid use of parentheses. Make sure all parentheses are matched pairs.

EC501  EPILOG SRB RETRY FAILED
Explanation: The SRB’s function recovery routine (FRR) has failed in its retry attempt.
System Action: The FRR retries again.
User Response: None.

EC520  INVALID DAY VALUE
Explanation: The parameter is not a valid operand of the DAY keyword.
System Action: The EPILOG collector bypasses the command and continues scanning the statement.
User Response: Correct the invalid parameter.

EC533  KEPDS AVERAGE PAGE FAULT OVERFLOW (S#PFLT)
Explanation: The accumulation of sampled page fault values for Epilog for MVS overflowed during this collection interval.
System Action: The Epilog Collector continues normally but the average page fault value as reported in the RSRM Epilog report will be set to the largest possible positive integer.
EC534 SQL1 ANC1 INITIALIZATION FAILURE
Explanation: This message is issued when the collector is unable to initialize the SQL1 interface to the data server.
System Action: Data collection for data that is obtained from the data server is discontinued.

EC535 SQL1 INITIALIZE FAILURE
Explanation: This message is issued when the collector is unable to initialize the SQL1 interface to the data server.
System Action: Data collection for data that is obtained from the data server is discontinued.

EC536 SQL1 CREATE PATH FAILURE
Explanation: This message is issued when the collector is unable to establish a connection to the data server.
System Action: Data collection for data that is obtained from the data server is discontinued.
User Response: Check to see that the data server is active, and that the input parms related to the data server connection are correct (e.g., LOCALID, REMOTEID, etc.). If the data server is active, and no input errors are evident, gather the message log from the data server (RKLVLOG), and report the problem to Candle Customer Support.

EC537 SQL1 STORAGE ALLOCATION FAILURE
Explanation: This message is issued when the collector is unable to acquire sufficient storage for the connection to the data server.
System Action: Data collection for data that is obtained from the data server is discontinued.
User Response: Stop and restart the collector with a larger region size.

EC538 SQL1 CREATE PLAN FAILURE
Explanation: This message is issued when the collector is unable to initialize the SQL1 interface to the data server.
System Action: Data collection for data that is obtained from the data server is discontinued.
User Response: Gather the message log from the data server (RKLVLOG), and report the problem to Candle Customer Support.

EC539 SQL1 CREATE REQUEST FAILURE
Explanation: This message is issued when the collector is unable to initialize the SQL1 interface to the data server.
System Action: Data collection for data that is obtained from the data server is discontinued.
User Response: Gather the message log from the data server (RKLVLOG), and report the problem to Candle Customer Support.
EC540  INVALID SMF RECORD VALUE (MAX=255)
Explanation: The SMF record number was larger than 255.
System Action: The EPILOG collector bypasses the command and continues scanning the statement.
User Response: Correct the invalid parameter.

EC541  SCT STORAGE ALLOCATION FAILURE
Explanation: This message is issued when the collector is unable to acquire sufficient storage for the Service Class Table.
System Action: Data collection for service classes is discontinued.
User Response: Stop and restart the collector with a larger region size.

EC542  SQL1 REQUEST TABLE INITIALIZATION FAILURE
Explanation: This message is issued when the collector is unable to initialize the SQL1 Request Table.
System Action: Data collection for data that is obtained from the data server is discontinued.
User Response: Gather the message log from the data server (RKLVLOG), and report the problem to Candle Customer Support.

EC543  SQL1 GET INPUT SQlda FAILURE
Explanation: This message is issued when the collector is unable to initialize the SQL1 Request Table.
System Action: Data collection for data that is obtained from the data server is discontinued.
User Response: Gather the message log from the data server (RKLVLOG), and report the problem to Candle Customer Support.

EC544  SQL1 DROP PATH FAILURE
Explanation: This message is issued when the collector is unable to cleanly terminate the SQL1 interface to the data server.
System Action: Termination processing continues.
User Response: Gather the message log from the data server (RKLVLOG), and report the problem to Candle Customer Support.

EC545  SQL1 TERMINATE FAILURE
Explanation: This message is issued when the collector is unable to cleanly terminate the SQL1 interface to the data server.
System Action: Termination processing continues.
User Response: Gather the message log from the data server (RKLVLOG), and report the problem to Candle Customer Support.

EC546  ANC1 TERMINATE FAILURE
Explanation: This message is issued when the collector is unable to cleanly terminate the SQL1 interface to the data server.
System Action: Termination processing continues.
User Response: Gather the message log from the data server (RKLVLOG), and report the problem to Candle Customer Support.
EC547  SQL1 REQUEST NOT FOUND  
**Explanation:** An internal error has occurred during SQL1 processing.  
**System Action:** Processing continues.  
**User Response:** Report this problem to Candle Customer Support.

EC548  SQL1 OPEN REQUEST FAILURE  
**Explanation:** An error has occurred in SQL1 processing.  
**System Action:** Processing continues.  
**User Response:** Gather the message log from the data server (RKLVLOG), and report the problem to Candle Customer Support.

EC549  SQL1 CLOSE REQUEST FAILURE  
**Explanation:** An error has occurred in SQL1 processing.  
**System Action:** Processing continues.  
**User Response:** Gather the message log from the data server (RKLVLOG), and report the problem to Candle Customer Support.

EC551  I/O WAIT TABLE EXTENSION FAILURE  
**Explanation:** This message is issued when the collector is unable to acquire sufficient storage to extend the I/O Wait Table.  
**System Action:** Data collection for service class data is discontinued.  
**User Response:** Stop and restart the collector with a larger region size.

EC552  I/O WAIT TABLE EXTENDED  
**Explanation:** This is an informatory message issued when the I/O Wait table is successfully extended.  
**System Action:** Processing continues.  
**User Response:** None.

EC553  ENQ WAIT TABLE EXTENSION FAILURE  
**Explanation:** This message is issued when the collector is unable to acquire sufficient storage to extend the ENQ Wait Table.  
**System Action:** Data collection for service class data is discontinued.  
**User Response:** Stop and restart the collector with a larger region size.

EC554  ENQ WAIT TABLE EXTENDED  
**Explanation:** This is an informatory message issued when the ENQ Wait table is successfully extended.  
**System Action:** Processing continues.  
**User Response:** None.

EC555  EPILOG COLLECTOR SWITCHING TO GOAL MODE  
**Explanation:** This is an informatory message issued when the collector detects a switch from compatibility to goal mode.  
**System Action:** Processing continues.  
**User Response:** None.

EC556  EPILOG COLLECTOR SWITCHING TO COMPATIBILITY MODE  
**Explanation:** This is an informatory message issued when the collector detects a switch from goal to compatibility mode.
**EC557 EPILOG COLLECTOR COMP. MODE INITIALIZATION FAILED**

**Explanation:** This message is issued when the collector is unable to process a switch from goal to compatibility mode.

**System Action:** The collector terminates.

**User Response:** Report the problem to Candle Customer Support.

**EC558 EPILOG COLLECTOR GOAL MODE INITIALIZATION FAILED**

**Explanation:** This message is issued when the collector is unable to process a switch from compatibility to goal mode.

**System Action:** The collector terminates.

**User Response:** Report the problem to Candle Customer Support.

**EC559 REATTACH OF EPILOG COLLECTOR SUBTASK FAILED**

**Explanation:** This message is issued when the collector is unable to process a mode switch.

**System Action:** The collector terminates.

**User Response:** Report the problem to Candle Customer Support.

**EC563 IWMRCOLL DATA AREA REALLOCATED**

**Explanation:** The system has either switched to compatibility mode, or the IPS or ICS has been reset, causing a larger collection area to be required. EPILOG was successful in reallocating the collection area.

**System Action:** A new collection area has been allocated.

**User Response:** None. This is an informational message.

**EC564 IWMRCOLL DATA AREA REALLOCATION FAILURE**

**Explanation:** The system has either switched to compatibility mode, or the IPS or ICS has been reset, causing a larger collection area to be required. EPILOG was not successful in reallocating the collection area.

**System Action:** Performance group data will not be collected until storage is available. The collector may abend with U518 if it is unable to stop.

**User Response:** If it is important to collect performance group data, stop the collector and restart it. You may need to increase the region size if you have a lot of performance groups defined.

**EC565 SQL1 INITIALIZATION COMPLETE**

**Explanation:** This is an informative message issued when the SQL1 interface to the data server is established.

**System Action:** Processing continues.

**User Response:** None.
EC566 UNABLE TO INITIALIZE CMS CONNECTION
Explanation: The historical collector encountered an error that prevented it from establishing a connection to the Candle Management Server.
System Action: The historical collector continues without attempting to collect data from the CMS. Historical collection will be limited to data that can be obtained without the CMS.
User Response: Examine the collector’s RKM2OUTM message file. It should contain additional messages providing further details about the error. A common cause of this problem is an incorrectly specified REMOTEID or LOCALID on the OPTIONS command in the RKANPAR file. For further assistance, contact Candle Customer Support.

EC568 FETCH ERROR
Explanation: This message is issued when the collector is unable to perform a fetch from the data server.
System Action: Data collection for data that is obtained from the data server is discontinued.
User Response: Gather the message log from the data server (RKLVLOG), and report the problem to Candle Customer Support.

EC569 EPILOG COLLECTOR MODE SWITCH COMPLETE
Explanation: This is an informatory message issued when the collector processes a mode switch.
System Action: Processing continues.
User Response: None.

EC571 CTDS DATA SERVICES DISCONNECTED
Explanation: This message is issued when a data services error has occurred.
System Action: Data collection for data that is obtained from the data server is discontinued.
User Response: Gather the message log from the data server (RKLVLOG), and report the problem to Candle Customer Support.

EC572 CTDS DATA SERVICES RECONNECTED
Explanation: This message is issued after a successful reconnect to the data server.
System Action: Data collection for data that is obtained from the data server is restored.
User Response: None.
EC581  CT/DS COLLECTION DISABLED--NO PATH TO SERVER
Explanation: The historical collector cannot collect data dependent upon Candle Management Server because a path to Candle Management Server is not available.
System Action: The collector continues executing but does not attempt to collect data that requires Candle Management Server.
User Response: If Candle Management Server is not running, start it (the collector will attempt to reconnect for the next RMF interval’s data). If Candle Management Server is running and the cause and resolution of the problem are not obvious from other collector messages and Candle Management Server messages, contact Candle Customer Support.

EC582  CT/DS SAMPLES LOST DUE TO INSUFFICIENT STORAGE
Explanation: The historical collector was unable to allocate enough virtual storage to accommodate all of the data being collected through Candle Management Server.
System Action: The data collected from Candle Management Server for the current interval will be recorded as usual but will be incomplete.
User Response: If possible, increase the amount of extended memory available to the collector.

EC583  1 PERSISTENT INTERVAL LOST--NO OUTPUT PATH
Explanation: Persistent data for the current interval could not be written to Candle Management Server because a path to Candle Management Server was unavailable.
System Action: If SMDATA or SPILLSMFDATA was specified, the interval data will be written to SMF. The collector continues executing.
User Response: If Candle Management Server is not running, start it (the collector will attempt to reconnect for the next RMF interval’s persistent data). If Candle Management Server is running and the cause and resolution of the problem are not obvious from other collector messages and Candle Management Server messages, contact Candle Customer Support.

EC584  FORCIBLY DETACHING UNENDING SUBTASK CCCCCCCC
Explanation: During termination processing, the historical collector must forcibly DETACH a subtask that had been started to record Candle Management Server persistent data. The subtask had failed to complete within the time period allotted by the collector.
System Action: The collector DETACHes the subtask and continues its termination.
User Response: The situation documented by this message may or may not be a problem. If this message is issued routinely during what are otherwise normal collector terminations, contact Candle Customer Support.
EC586  CT/DS ERROR ENCOUNTERED BY OUTPUT SUBTASK
Explanation: A subtask started by the historical collector to record Candle Management Server persistent data was unable to complete because of a Candle Management Server interface error.
System Action: If SMFDATA or SPILLSMFDATA was specified, the data for the interval is written to SMF. The collector continues executing.

EC588  1 PERSISTENT INTERVAL LOST--OUTPUT TASK STILL ACTIVE
Explanation: The historical collector is unable to record the Candle Management Server persistent data for an interval because the subtask that was started to record the previous interval’s data is still executing.
System Action: If SMFDATA or SPILLSMFDATA was specified, the data for the interval is written to SMF. The collector continues executing.
User Response: This message normally indicates that the collector does not have enough time to write an interval’s persistent data to Candle Management Server before the next interval’s data is ready to be written. This can happen if the RMF interval is extremely short and the system overhead is extremely high; in this case, lengthening the RMF interval will resolve the problem. If this message appears routinely in an unconstrained environment, it may indicate an internal error in the subtask that is preventing it from completing. Contact Candle Customer Support for assistance if necessary.

EC590  PERSISTENT OUTPUT SUBTASK FAILED, RC = (HEX) XX
Explanation: A subtask that was started to record Candle Management Server persistent data failed. XX is a hexadecimal return code from the subtask.
System Action: If SMFDATA or SPILLSMFDATA was specified, the data for the interval is written to SMF. The collector continues executing.
User Response: Contact Candle Customer Support.

EC591  CT/DS PD INSERT ERROR, PDS RECORDING STOPPED
Explanation: This information messages is issued to document that PDS recording has stopped because of a Candle Management Server error related to PDS maintenance.
System Action: Persistent Datastore (PDS) recording stops, but the historical collector continues to run.
User Response: Examine the CMS PDS log (RKPDPLOG) for errors related to PDS maintenance. Correct the errors and then restart the CMS. If there are no PDS maintenance errors, contact Candle Customer Support.

EC592  CT/DS PD INTERFACE WILL BE REINITIALIZED
Explanation: This information message is issued to document the collector’s attempt to recover from a Candle Management Server interface error. The historical collector will recreate the path to the Candle Management Server that is used for recording persistent data.
System Action: The collector continues executing.
User Response: None.
EC593  CT/DS PD OUTPUT SUBTASK ATTACH FAILED, CODE=XX
Explanation: The historical collector attempted to ATTACH a subtask to record
Candle Management Server persistent data, but the ATTACH failed. XX is the
return code from the ATTACH SVC.
System Action: Data for the current RMF interval is not written to Candle
Management Server. If SMFDATA or SPILLSMFDATA was specified, the data is
written to SMF. The historical collector continues executing.
User Response: If the cause and resolution of the ATTACH failure are not
obvious from other messages, contact Candle Customer Support.

EC594  WRITE TO SMF FAILED for Rxxx TABLE NO.nn
Explanation: The EPILOG collector attempted to record persistent data to SMF,
but the attempt failed. In the message, nn is a decimal number that uniquely
identifies the historical Candle Management Server table for which data was
being written to SMF, while xxx is the name of the EPILOG resource class (such as
XES or XCF) that comprises this Candle Management Server table. This message
is always immediately followed by message EC595, which provides further
details.
System Action: The collector disregards the error and continues.
User Response: Respond as indicated for message EC595.

EC595  RC FROM SMFWTM = nn
Explanation: This message identifies the nonzero return code from the
SMFWTM service that caused the EPILOG collector to issue the immediately
preceding EC594 message.
System Action: The collector disregards the error and continues.
User Response: Return codes from the SMFWTM service are documented in
IBM user documentation for SMF. Some of the return codes may indicate a
user-specific problem (for example, suppression by a user-written exit routine). If
you are unable to resolve the problem after consulting the IBM documentation,
contact Candle Customer Support.

EC598  FUNCTION=X, RC = (HEX) XX
Explanation: This message identifies a function code and return code for the
error documented in the immediately preceding message.
System Action: Depending upon the severity of the error, the historical
collector continues or terminates.
User Response: See the description for the message issued immediately before
this one.

EC599  TABLE=XXXX COLUMN=XXXX
Explanation: This message identifies the names of the Candle Management
Server table and column that were being processed when the error specified in
the preceding message occurred.
System Action: Depending upon the severity of the error, the historical
collector continues or terminates.
User Response: See the description for the message issued immediately before
this one.
EC600 RKM2EDS DATASET OPEN ERROR. CODE = nnn
Explanation: The EPILOG datastore RKM2EDS dataset did not open properly. nnn is the feedback code for the operation. Refer to the IBM VSAM programmer’s documentation.
System Action: The EPILOG collector terminates.
User Response: Determine how severe the error is and correct the RKM2EDS dataset accordingly.

EC601 RKM2EDS DDNAME MISSING
Explanation: The RKM2EDS DD statement was not found. The EPILOG collector will not start unless an RKM2EDS DD statement has been defined which points to an EPILOG datastore VSAM cluster.
System Action: The EPILOG collector terminates.
User Response: Add the appropriate DD statement and retry.

EC650 RKM2EDS MODCB/SHOWCB/TESTCB ERROR. CODE = nnn.
Explanation: A control block manipulation request failed with the indicated return code. nnn is the feedback code for the operation. Refer to the IBM VSAM programmer’s documentation.
System Action: The command processing is terminated, and the next command is processed.
User Response: This is an internal software error and not a user problem; contact Candle Customer Support.

EC660 RKM2EDS DATASET CLOSE ERROR. CODE = nnn.
Explanation: An error occurred while a CLOSE was issued to the VSAM cluster. nnn is the feedback code for the operation. Refer to the IBM VSAM programmer’s documentation.
System Action: The collector terminates.
User Response: This problem was caused by either an I/O error on the dataset or an internal error within the EPILOG collector. If the error code does not indicate an I/O error, contact Candle Customer Support for assistance.

EC815 MVS LEVEL INCOMPATIBLE WITH THIS EPILOG COLLECTOR
Explanation: The EPILOG collector the user is trying to run cannot be used with the level of MVS currently on the user’s system. This message is always followed by EC816.
System Action: The EPILOG collector does not start up.
User Response: Install the proper version of the EPILOG collector from the distribution tape and rerun.
**EC816**  
**RUNNING xxx EPILOG ON yyy SYSTEM**  
**Explanation:** This message is always preceded by EC815. The user’s system is currently at the yyy level of MVS (where yyy = NSE, SE2, SP3, or XA1) and the user is trying to run a version of the EPILOG collector intended for the level xxx. (Note that SE2 also includes SP1.1x.)  
**System Action:** The EPILOG collector does not start up.  
**User Response:** Install the proper version of the EPILOG collector from the distribution tape and rerun. Refer to this product’s Program Directory for more information.

**EC821**  
**EDSDATA REQUIRED FOR RMFDATA**  
**Explanation:** During its initialization, the EPILOG collector detected that RMFDATA and NOEDSDATA were both specified on the OPTIONS statement in the KEPOPTN parameter file. This is an error because EDS recording must be active if RMF data is to be collected.  
**System Action:** The collector terminates.  
**User Response:** Correct KEPOPTN. Either change NOEDSDATA to EDSDATA or change RMFDATA to NORMFDATA.

**EC822**  
**NEITHER EDS NOR SMF RECORDING SELECTED**  
**Explanation:** During its initialization, the EPILOG collector detected that NOEDSDATA and NOSMFDATA were both specified on the OPTIONS statement in the KEPOPTN parameter file. Either EDSDATA or SMFDATA must be specified so that the collector has somewhere to record collected data.  
**System Action:** The collector terminates since it has nothing to write to.  
**User Response:** Correct KEPOPTN. Specify EDSDATA, SMFDATA, or both.

**EC823**  
**NO EPILOG DATASTORES SPECIFIED**  
**Explanation:** EDSDATA was specified on the OPTIONS statement in the KEPOPTN parameter file but no EPILOG datastores were specified.  
**System Action:** The collector terminates.  
**User Response:** Correct KEPOPTN. Either turn off EDS recording by specifying NOEDSDATA or provide a list of EDS names using the EDSLIST keyword.

**EC824**  
**NOT EVERY EDS HAS THE SAME RECORD SIZE**  
**Explanation:** During its initialization, the EPILOG collector determined that not all of the EPILOG datastores specified in KEPOPTN have the same VSAM maximum record size.  
**System Action:** The collector terminates.  
**User Response:** Ensure that every EDS specified by the EDSLIST keyword of the OPTIONS statement has the same VSAM maximum record size. This will require changing KEPOPTN and/or redefining and reinitializing one or more datastores.
**EC825  EPILOGC IS NOT APF AUTHORIZED**

**Explanation:** The user requested that the EPILOG collector perform some function that requires APF authorization (such as write to SMF, gather RMF data, gather batch job data), but the collector was not authorized. The EPILOG collector is either not being loaded from an authorized library or the load module does not have the APF-authorized attribute.

**System Action:** The collector does not start up.

**User Response:** APF-authorize the KEPCOLL program. Make sure that the load library that contains KEPCOLL is APF authorized and that KEPCOLL has been marked AC=1 by the linkage editor. (A library is authorized by virtue of being in the IEAAPFx list in SYS1.PARMLIB. Remember that an IPL is required after a dataset has been added to the list.)

**EC826  NO EDS IS AVAILABLE**

**Explanation:** EDSDATA was specified in the KEPOPTN input parameter file, but no EDS was available for collection at the time that the EPILOG collector was started.

**System Action:** The collector terminates.

**User Response:** The collector requires that at least one of the datastores in the EDS queue be available at initialization if EDS recording is requested; therefore, make available at least the EDS to which collection should start. Check the Input/Error Message Log for more information in identifying the reasons for datastore unavailability. Some common reasons are:

- The datastores are full.
- The datastores do not exist.
- The datastores were already allocated to another job with DISP=OLD.
- The datastores have not been initialized using KEBINIT.
- The volumes on which the datastores are located are not available on the system on which the collector was run.
- The datastores contain another system’s data and SYSCHECK was specified in KEPOPTN.
- The EDS dataset names were misspelled in KEPOPTN.

**EC828  ERROR DURING COLLECTOR INITIALIZATION**

**Explanation:** An unexpected internal error occurred during EPILOG collector initialization.

**System Action:** The collector does not start.

**User Response:** This is an internal software error and not a user problem; contact Candle Customer Support.

**EC830  NON-COMPATIBLE COLLECTION ALREADY ACTIVE**

**Explanation:** Another EPILOG collector is already active in this system. Only one EPILOG collector is allowed to be active in the system at any given time.

**System Action:** The collector does not start.

**User Response:** Stop the current collector using the P OMIIHIST command from an OS console.
EC831  SMF RECORD ALREADY BEING COLLECTED  
**Explanation:** Another active EPILOG collector is already writing SMF records with the ID number the user has specified; there can only be one EPILOG collector running per SMF record ID number.  
**System Action:** The collector does not start.  
**User Response:** Stop the current collector using the P OMIIHIST command from an OS console, or select a different SMF record ID number with OPTIONS SMFNUM(nn).

EC832  JES2 OFFSET TABLE NOT FOUND  
**Explanation:** The appropriate JES2 offset table was not found by the collector.  
**System Action:** Collector initialization fails.  
**User Response:** Replace the appropriate JES2 offset table into the load module. See this product’s *OMEGAMON II for MVS Configuration and Customization Guide* for information about reassembling the JES2 offset table.

EC833  JES2 OFFSET TABLE HAS INCORRECT FORMAT  
**Explanation:** The JES2 offset table had an invalid internal format.  
**System Action:** Collector initialization fails.  
**User Response:** See this product’s *OMEGAMON II for MVS Configuration and Customization Guide* for information about reassembling the JES2 offset table.

EC834  JES2 OFFSET TABLE INITIALIZATION FAILED  
**Explanation:** The EPILOG collector’s JES2 table processor failed while attempting to read the JES2 offset table.  
**System Action:** Collector initialization fails.  
**User Response:** See this product’s *OMEGAMON II for MVS Configuration and Customization Guide* for information about reassembling the JES2 offset table.

EC839  INPUT PARAMETERS INVALID: CORRECT AND RERUN  
**Explanation:** The EPILOG collector discovered some invalid or inconsistent parameters in the KEPOPTN parm dataset.  
**System Action:** The collector does not start.  
**User Response:** Refer to the RKM2OUTM output for additional messages which will provide details concerning the error.

EC840  SMF INITIALIZATION FAILED, REASON CODE = nn  
**Explanation:** An internal processing error occurred during collector initialization. This message can also occur if the operator used the CANCEL command instead of the STOP command to terminate the collector, which can corrupt the write-to-SMF interface.  
**System Action:** Collector initialization fails.  
**User Response:** Contact Candle Customer Support and report the reason code. If the EPILOG collector was terminated with the CANCEL command instead of the STOP command, you must re-IPL the system.
EC841  SMF INITIALIZATION ERROR, REASON CODE = nn
Explanation: An internal processing error occurred during collector initialization. If you receive reason code 32, a CSA shortage may have occurred.
System Action: Collector initialization fails.
User Response: Contact Candle Customer Support and report the error code. If you receive reason code 32, you must re-IPL or free up CSA.

EC842  UNABLE TO SHARE COLLECTOR, LRECL MISMATCH
Explanation: While trying to start up, the EPILOG collector found that another EPILOG collector was already gathering resource data and tried to share the other collector’s SMF interface. This would have worked except that the two collectors were each using an EDS with a different LRECL. Because certain buffers in CSA would be shared, the LRECLs must match.
System Action: The collector the user is trying to start does not come up.
User Response: Stop the collector which is currently executing before starting a new one. The user could also re-define the clusters so that the LRECLs were the same.

EC843  SMF INITIALIZATION ABENDED, ABEND CODE = nn
Explanation: An internal processing error occurred during collector initialization.
System Action: Collector initialization fails. Diagnostic information about the ABEND is provided in message EC844, which is also issued.
User Response: Contact Candle Customer Support and report the ABEND code and the return value of register 1.

EC844  REGISTER 1 RETURN VALUE = xxxxxxxx.
Explanation: This value is the CSA address of the EPILOG hook routine. Message EC845 precedes message EC844.
System Action: None
User Response: None

EC845  SMF TERMINATION ENDED, REASON nn
Explanation: EPILOG can issue this message at either start-up or termination. Reason code nn indicates why EPILOG did not delete its SMF hook. Message EC845 precedes message EC844.
System Action: EPILOG start-up or termination processing continues.
User Response: If the reason code is 20, you need take no action. Reason code 20 indicates that EPILOG has not deleted its SMF hook because another address space is still using it (possibly another EPILOG collector).
If the reason code is not 20, or if you believe that EPILOG has issued reason code 20 erroneously, please contact Candle Customer Support.

EC850  INVALID PARAMETER LIST, INTERNAL ERROR
Explanation: An internal collector parameter list contained invalid or inconsistent data.
System Action: The collector terminates.
User Response: This is an internal software error and not a user problem; contact Candle Customer Support.
EC851 UNABLE TO LOCATE COLLECT CODE IN TABLE
Explanation: During termination, the EPILOG collector was unable to find a table entry describing the SMF record interception routine and data areas which were previously created.
System Action: The collector terminates; workareas in CSA will not be freed.
User Response: This is an internal software error and not a user problem; contact Candle Customer Support.

EC852 INVALID RETURN CODE, INTERNAL ERROR
Explanation: An invalid return code was returned from one of the EPILOG collector’s internal subroutines.
System Action: The collector terminates.
User Response: This is an internal software error and not a user problem; contact Candle Customer Support.

EC853 EPILOGC ACTIVE EDS = eds-dsname
Explanation: The EPILOG collector issues this message during initialization and after a successful EDS switch to identify the EDS to which collection is currently in progress.
System Action: The collector continues normally.
User Response: None.

EC854 EPILOGC EDS RECORDING INACTIVE
Explanation: No data is being written to any EDS because NOEDSDATA was specified in KEPOPTN.
System Action: The collector continues initialization.
User Response: None.

EC855 EPILOGC EDS RECORDING SUSPENDED
Explanation: The EPILOG collector is no longer writing collected data to EPILOG datastores because none of the datastores in its EDS queue are available for collection.
System Action: The collector continues or terminates depending upon the status of SMF recording. If the collector continues, operator intervention will be required to resume EDS recording.
User Response: Make an EDS available for collection on the basis of preceding messages. Once an EDS is available, restart the collector (if it terminated) or use the MVS MODIFY command to resume EDS recording to the available EDS.

EC856 EPILOGC SMF RECORDING IN PROGRESS
Explanation: The EPILOG collector issues this message during initialization and after an EDS switch to confirm that data is being written to SMF.
System Action: The collector continues normally.
User Response: None.
**EC857 EPILOGC SMF RECORDING IN PROGRESS (SPILL)**

**Explanation:** Collected data is being written to SMF because EDS recording has been suspended. This message is issued by the EPILOG collector after a switch to SMF-only recording.

**System Action:** The collector continues normally.

**User Response:** Make an EDS available for collection, then use the MVS MODIFY command to resume EDS recording and suspend SMF recording. After EDS recording has been resumed, you should arrange to reload the missing data from SMF into an EDS.

**EC858 EPILOGC SMF RECORDING INACTIVE**

**Explanation:** The EPILOG collector issues this message during initialization and after an EDS switch to confirm that data is not being written to SMF because NOSMFDATA was specified in KEPOPTN.

**System Action:** The collector continues normally.

**User Response:** None.

**EC859 EPILOGC SMF RECORDING SUSPENDED**

**Explanation:** The EPILOG collector issues this message during initialization and after an EDS switch to confirm that data is not currently being written to SMF because SPILLSMFDATA was specified in KEPOPTN and an EDS is currently active.

**System Action:** The collector continues normally.

**User Response:** None.

**EC860 GETMAIN FAILED FOR SRB AREA**

**Explanation:** SQA memory is full; the EPILOG collector was unable to get enough memory in SQA to establish a data area when trying to initialize batch data collection.

**System Action:** The collector terminates.

**User Response:** Increase the amount of SQA defined in the user’s system or try again later.

**EC861 LESS THAN OPTIMAL SQA ALLOCATED**

**System Action:** None. EPILOG for IMS may not be able to collect data on all address spaces.

**User Response:** Check RKM2OUTM for occurrences of message EC863. If EC863 is occurring, SQAMAX must be increased.

**EC862 NO SQA ALLOCATED. AS COLLECTION DISABLED.**

**System Action:** No data will be collected for batch jobs, started tasks, or TSO userids on an address space basis.

**User Response:** Increase SQAMAX to at least 2K.
EC863  NO PRIVATE AREA INFORMATION FOR jjjjjj

System Action: No record is being written for the job, STC, or user that is identified by jjjjjj even though a step has completed or an interval has ended.

User Response: If SQAMAX is less than this minimum, message EC861 is written to RKM2OUTM. If SQAMAX is set so low that EPILOG will not be able to get all the data it needs, message EC862 is written to RKM2OUTM. Message EC863 is written to RKM2OUTM whenever EPILOG is unable to write a data record due to missing data that SQA is needed to collect.

EC865 ‘MODIFY COMMAND PARAMETERS’

Explanation: An operator MODIFY command was issued at a console to communicate with the EPILOG collector. The text of this message shows the parameters specified on the command (up to 67 characters).

System Action: The collector continues.

User Response: None.

EC870  TIMEOUT WAITING FOR SUBTASK, DETACH ISSUED

Explanation: During shutdown, the collector’s main task signaled the degradation analysis subtask to terminate, and the subtask has not responded within 5 minutes. The subtask may have been hung in VSAM catalog processing while trying to CLOSE the EPILOG datastore. (For example, the catalog volume may have been locked out by a RESERVE from another system.)

System Action: After waiting 5 minutes with no response, the main task will destroy the subtask by forcibly DETACHing it. Collector termination continues.

User Response: No user action required. If the problem persists, contact Candle Customer Support.

EC871  EPILOGC ON xxxx ABENDING AT OPERATOR REQUEST

Explanation: The EPILOG collector has abnormally terminated in response to an operator MODIFY OMIIHIST,ABEND command. xxxx is the SMF ID of the system on which the collector is running.

System Action: The collector ABENDs as requested.

User Response: Proceed with error diagnosis.

EC873  EPILOGC UNABLE TO CONTINUE - NOTHING TO WRITE TO

Explanation: The EPILOG collector could not continue collection because no EDS was available, and SMF recording was prohibited by KEPOPTN.

System Action: The collector terminates.

User Response: This message usually indicates that the collector was unable to switch to the next EDS because no EDS was available and was also unable to switch to SMF-only recording because NOSMFDATA was specified in KEPOPTN. In this case, follow these steps:

1. Make available at least the EDS to which collection is to be resumed (see message EC826).

2. Change KEPOPTN to specify either SMFDATA or SPIIILSMFDATA (this prevents the collector from terminating when no EDS is available).

3. Restart the collector.
This message may also be issued during collector initialization if NOEDSDATA was specified in KEPOPTN together with either NOSMFDATA or SPILLSMFDATA. In this case, follow these steps:

1. Change KEPOPTN to specify either EDSDATA or SMFDATA, or both (note that when EDSDATA is specified, EDSLIST should also be specified).
2. Restart the collector.

EC874  **EPILOGC COLLECTOR ON xxxx TERMINATED DUE TO ERROR**

**Explanation:** The EPILOG collector has stopped because fatal errors were encountered. xxxx is the SMF ID of the system on which the collector was running. This message is normally preceded by more descriptive messages that identify the specific errors.

**System Action:** The collector terminates.

**User Response:** Examine the Input/Error Message Log and take the action prescribed for the immediately preceding messages. Retain the Log in the event that you must contact Candle Customer Support for details.

EC875  **COLLECTION SUBTSKk ABENDED yxxx**

**Explanation:** The bottleneck analysis collector ended with an Sxxx (for system) or Uxxx (for user) ABEND.

**System Action:** The collector terminates after dumping diagnostic information to the RKM2DUMP SYSOUT file.

**User Response:** Gather up problem diagnostics (RKM2OUTM, RKM2DUMP, SYSABEND, console logs, and so on) and contact Candle Customer Support.

EC876  **COLLECTION MAIN TASK ABENDED yxxx**

**Explanation:** The collector main task ended with an Sxxx (for system) or Uxxx (for user) ABEND.

**System Action:** The collector terminates after dumping diagnostic information to the RKM2DUMP SYSOUT file.

**User Response:** Gather up problem diagnostics (RKM2OUTM, RKM2DUMP, SYSABEND, console logs, and so on) and contact Candle Customer Support.

EC877  **EPILOGC COLLECTOR STARTED ON xxxx**

**Explanation:** The EPILOG collector has successfully initialized and data collection has begun. xxxx is the SMF ID of the system on which the collector is running.

**System Action:** Collector execution continues.

**User Response:** None.

EC878  **EPILOGC COLLECTOR ON xxxx HAS TERMINATED NORMALLY**

**Explanation:** The EPILOG collector has successfully terminated in response to an operator STOP command. xxxx is the SMF ID of the system on which the collector is running.

**System Action:** The collector terminates.

**User Response:** None.
EC879 EPILOGC COLLECTOR INITIALIZING ON xxxx
Explanation: The EPILOG collector has started its initialization processing. xxxx is the SMF ID of the system on which the collector is running.
System Action: The collector continues initialization.
User Response: None.

EC880 EPILOGC ON xxxx TERMINATING AT OPERATOR REQUEST
Explanation: The EPILOG collector has been ordered to terminate by an MVS STOP command entered at an operator console. xxxx is the SMF ID of the system on which the collector is running.
System Action: The collector terminates.
User Response: None.

EC881 USER ACCOUNTING INTERFACE LOADED
Explanation: The user-written EPUSRACT account field extraction exit has been successfully loaded.
System Action: Collector execution continues.
User Response: None.

EC882 BATCH TABLE OVERFLOW - DATA LOST
Explanation: The EPILOG collector could not collect degradation data for all active batch jobs because the BATCHNUM parameter was set to less than the total number of active initiators.
System Action: The collector does not record degradation data for all batch job steps; data on some job steps will be lost.
User Response: Use the BATCHNUM keyword of the OPTIONS command in the KEPOPTN initialization parameter member to increase the maximum number of concurrently active batch jobs.

EC883 EPILOGC COMMAND SYNTAX INVALID
Explanation: An MVS MODIFY command entered at an operator console to communicate with the EPILOG collector contained invalid syntax.
System Action: The collector continues normally.
User Response: Re-enter the MODIFY command correctly.

EC884 EPILOGC COMMAND PARAMETERS MISSING/INVALID
Explanation: An MVS MODIFY command entered at an operator console to communicate with the EPILOG collector contained invalid parameters or omitted required parameters.
System Action: The collector continues normally.
User Response: Re-enter the MODIFY command correctly.

EC885 EPRMFC PROGRAM CHECK RETRY SUCCESSFUL
Explanation: The collector’s front end to the IEFU83 SMF exit routine encountered a program check and successfully recovered.
System Action: Collector execution continues.
User Response: If five program checks are encountered, the IEFU83 exit disables itself (see EC886); otherwise, no action is required. If this message occurs, contact Candle Customer Support.
EC886 PGM CHECK LIMIT EXCEEDED - EPRMFC DISABLED

Explanation: The collector’s front end to the IEFU83 SMF exit routine encountered five program checks and successfully recovered.

System Action: The IEFU83 exit routine seems to be program checking excessively. Collector execution continues, but all further RMF data collection will be disabled.

User Response: If five program checks are encountered, the IEFU83 exit disables itself (see EC885). If this message occurs, contact Candle Customer Support.

EC887 COLLECTOR MONITORING DEVICES DEFINED AS DYNAMIC

Explanation: This informational message, after initialization or an I/O configuration change, indicates that the Candle subsystem is monitoring dynamic I/O devices.

System Action: Collector execution continues normally.

User Response: None.

EC888 WARNING: POINTER DATA LOST DUE TO VSAM ERROR

Explanation: The active EDS ran out of space before all of the workload or resource data for the current reporting interval had been written. The collector unsuccessfully attempted to remove the incomplete set of records from the EDS so that they could be rewritten to the next EDS. Messages EC895 and EC896 should precede this message.

System Action: The collector continues, provided that an EDS is available or SMF recording is allowed. However, to avoid duplicate records on different datastores, no attempt is made to rewrite the affected workload or resource data for this interval to the next EDS. Therefore, one interval’s data for a particular resource or workload is probably inaccessible for reporting purposes.

User Response: The collector should recover fully from this situation and resume normal collection. In addition to the unavailability of an interval’s data for reporting, there may be other problems associated with the EDS that suffered the error. Check the preceding messages (EC895 and EC896) and respond accordingly. If you are unable to resolve this problem from the information available and/or you suspect an internal error, forward the Input/Error Message Log and a tape backup (REPRO) of the problem EDS to Candle Customer Support.

EC889 CLEANUP SUCCESSFUL. RECORDS ERASED = nn

Explanation: The active EDS ran out of space before all of the workload or resource data for the current reporting interval had been written, but the collector successfully removed the incomplete set of records from the EDS. nn is the decimal number of records erased from the EDS.

System Action: The collector continues normally, provided that an EDS is available or SMF recording is allowed. The affected workload or resource data for this reporting interval is rewritten to the next EDS and/or SMF.

User Response: None.
364 Candle Products Messages Manual (AOP-ETX)

EC890 CLEANUP ABORTED. RECORDS ERASED = nn

Explanation: The collector abandoned its attempt to remove an incomplete set of records from the EDS that ran out of space. nn is the decimal number of records that were erased from the EDS before a VSAM ERASE error was encountered. This message normally follows EC888.

System Action: The collector continues normally, as long as an EDS is available or SMF recording is allowed.

User Response: See message EC888.

EC891 EPILOG COLLECTOR DETECTED I/O CONFIGURATION CHANGE

Explanation: This informational message indicates an I/O configuration change that includes I/O devices monitored by the Candle subsystem.

System Action: Collector execution continues normally.

User Response: None.

EC892 EPILOGC STATUS FOR xxxx:

Explanation: The EPILOG collector issues this message during initialization, after an EDS switch, and in response to a request for status using the MVS MODIFY command. xxxx is the SMF ID of the system on which the collector is running.

System Action: The collector continues normally.

User Response: None.

EC893 EPILOGC HELP DISPLAY

Explanation: The EPILOG collector issues this message in response to a request for help using the MVS MODIFY command.

System Action: The collector continues normally.

User Response: None.

EC894 COLLECTION NOT BASED ON LATEST I/O CONFIGURATION

Explanation: An I/O configuration change may have occurred, but the Candle subsystem is not running, so information about the changed device is not available.

System Action: The collector continues normally.

User Response: If dynamic reconfiguration is being done, then start the Candle subsystem. If not, then this message can be ignored.

EC895 VSAM ERROR IN EDS: OPERATION = aaaaaa bbbbbbb

Explanation: An error occurred during the EPILOG collector’s attempt to use an EPILOG datastore. aaaaaa indicates the failing VSAM operation (GET, PUT, MODCB, and so on) and bbbbbbb indicates the type of EPILOG record involved (DATA or POINTER). This message is always followed by EC896.

System Action: The collector continues or terminates, depending upon the severity of the error and the availability of other recording media.

User Response: See message EC896.
EC896  VSAM ERROR IN EDS: RC = nnn  FNCN = nnn  FDBK = nnn

**Explanation:** An error occurred during the EPILOG collector’s attempt to use an EPILOG datastore. The three values of nnn represent the VSAM return, function, and feedback codes from the failing operation, respectively. This message is always preceded by message EC895, which identifies the failing VSAM operation and the EPILOG record type.

**System Action:** The collector continues or terminates, depending upon the severity of the error and the availability of other recording media.

**User Response:** Consult appropriate IBM VSAM reference documentation to determine the cause and severity of the error and take appropriate corrective action. If you are unable to fix the problem, call Candle Customer Support.

EC897  EDS OUT OF SPACE: RECTYP = x  LENGTH = nnnnnnn

**Explanation:** The active EDS ran out of space. x and nnnnnnn are the type and length of the record that the EPILOG collector was attempting to write at the time that the EDS ran out of space.

**System Action:** The collector attempts to switch to another EDS. If no other EDS is available, the collector switches to SMF-only recording (if writing to SMF is permitted) or terminates (if writing to SMF is prohibited).

**User Response:** None.

EC899  EPILOGC/xxxx ACTIVE EDS nnn% FULL IN pppp EXTENT(S)

**Explanation:** The active EDS has used nnn percent of the space available in its current pppp dataset extents. The threshold for this message (that is, the nnn% at which the message is first issued) is specified by the WARNING keyword of the OPTIONS command. xxxx is the SMF ID of the system on which the collector is running. The percent full is calculated as ending RBA divided by high-allocated RBA, which is equivalent to used Control Areas divided by allocated Control Areas; therefore, the percent full is actually the percent of allocated Control Areas of the VSAM KSDS that are in use. This figure may appear to be inordinately high for a small EDS because of the manner in which the figure is calculated; however, this calculation provides the most reliable indicator of an impending VSAM out-of-space condition.

**System Action:** The collector continues. When the EDS becomes 100% full and no additional extents can be obtained, the collector will attempt to switch to the next EDS in its queue (if one is available) or to SMF-only recording. Failing both, the collector terminates. Note that when an additional extent is obtained, the percent full figure goes down; if it falls below the warning threshold, a considerable period of time may elapse before this message is reissued.

**User Response:** None, unless this message is followed immediately by message EC941. In that case, respond as specified for EC941.
EC915  EPILOGC CANNOT HONOR REQUEST TO ADD/DROP EDS
Explanation: An MVS MODIFY command entered at an operator console specified that an EDS should be added to or dropped from the EPILOG collector’s EDS queue, but the collector could not honor the request. The reason that the request was not honored is given in subsequent messages.
System Action: The collector continues normally.
User Response: Examine the subsequent messages issued by the collector and take appropriate action.

EC916  INVALID EDS SEQUENCE NUMBER SPECIFIED
Explanation: An MVS MODIFY command entered at an operator console specified an invalid EDS sequence number.
System Action: The collector continues normally.
User Response: If necessary, request a status display using the MODIFY command to display the EDS sequence numbers. Then re-enter the original command specifying the correct EDS sequence number.

EC917  SPECIFIED EDS IS ALREADY IN QUEUE
Explanation: An MVS MODIFY command entered at an operator console specified that a new EDS should be added to the EPILOG collector’s EDS queue, but the dataset name specified is already in the queue.
System Action: The collector continues normally.
User Response: Re-enter the command specifying a different EDS dsname.

EC918  THE ACTIVE EDS CANNOT BE DROPPED
Explanation: An MVS MODIFY command entered at an operator console specified that the currently-active EDS should be dropped. An EDS cannot be dropped while it is active.
System Action: The collector continues normally.
User Response: Reissue the command, specifying an EDS that is not active.

EC920  EPILOGC CANNOT HONOR REQUEST FOR SWITCH
Explanation: An MVS MODIFY command entered at an operator console specified that the EPILOG collector should switch to another EDS or to SMF, but the collector could not honor the request. The reason that the request was not honored is given in subsequent messages.
System Action: The collector continues normally.
User Response: Examine the subsequent messages issued by the collector and take appropriate action.

EC921  EDS RECORDING DISALLOWED BY RKANPAR
Explanation: An MVS MODIFY command entered at an operator console specified that the EPILOG collector should switch to EDS recording, but NOEDSDATA was specified in the KEPOPTN parameter file.
System Action: The collector ignores the request and continues normally.
User Response: To activate EDS recording, stop the collector and change KEPOPTN to specify EDSDATA and EDSSLIST. Then restart the collector.
EC922  EDS RECORDING NOT CURRENTLY IN PROGRESS
Explanation: An MVS MODIFY command entered at an operator console requested a function that is meaningful only when EDS recording is in progress; however, EDS recording is currently suspended.
System Action: The collector ignores the request and continues normally.
User Response: None.

EC923  NO EDS IS AVAILABLE FOR COLLECTION
Explanation: The EPILOG collector attempted to switch to another EDS but none of the other datastores in the EDS queue were available for collection.
System Action: If SMF recording is permitted, the collector continues writing collected data to SMF; otherwise, the collector terminates.
User Response: Make available to the collector at least the EDS to which collection should be resumed. Then, if the collector terminated, restart it. Or, if the collector continued to write to SMF, use the MVS MODIFY command to resume EDS recording. See message EC826 for additional details about EDS availability.

EC924  SMF RECORDING DISALLOWED BY RKANPAR
Explanation: The EPILOG collector could not switch to SMF-only recording because NOSMFDATA was specified on the OPTIONS command in the KEPOPTN input parameter file.
System Action: If this message is issued in response to an operator-requested switch to SMF, the collector ignores the request and continues. Otherwise, the collector terminates because SMF recording is prohibited and no EDS is available for collection.
User Response: To permit SMF recording, stop the collector and change KEPOPTN to specify SMFDATA or SPILLSMFDATA. Then restart the collector. If necessary, arrange to make at least one EDS available for collection prior to restarting the collector.

EC926  EDS SPECIFIED IS SWITCHED
Explanation: An MVS MODIFY command entered at an operator console specified that the EPILOG collector should switch to an EDS that is not available for collection because it is SWITCHED.
System Action: The collector ignores the request and continues normally.
User Response: Maintain the EDS and retry the command or re-enter the command specifying a different, available EDS.

EC927  EDS SPECIFIED IS INVALID
Explanation: An MVS MODIFY command entered at an operator console specified that the EPILOG collector should switch to a dataset that is not a valid EDS.
System Action: The collector ignores the request and continues normally.
User Response: Re-enter the MODIFY command, specifying a valid, available EDS. The invalid EDS should either be dropped from the EDS queue or redefined and initialized as a valid EDS.
EC928 EDS SPECIFIED HAS INCOMPATIBLE LRECL
Explanation: An MVS MODIFY command entered at an operator console specified that the EPILOG collector should switch to an EDS whose VSAM maximum record size is different from that of the original datastores in the EDS queue.
System Action: The collector ignores the request and continues normally.
User Response: Re-enter the MODIFY command, specifying a valid, available EDS. The invalid EDS should either be dropped from the EDS queue or redefined with the same VSAM maximum record size as that of the original EDSLST.

EC929 EDS SPECIFIED CONTAINS DATA FROM ANOTHER SYSTEM
Explanation: An MVS MODIFY command entered at an operator console specified that the EPILOG collector should switch to an EDS that already contains another system’s data, but SYSCHECK was specified in KEPOPTN.
System Action: The collector ignores the request and continues normally.
User Response: Re-enter the MODIFY command, specifying a valid, available EDS. The EDS containing another system’s data should either be maintained or dropped from the EDS queue. Alternatively, to permit the collector to write to such an EDS, stop the collector and change KEPOPTN to specify NOSYSCHECK, then restart the collector.

EC930 EDS SPECIFIED CANNOT BE ALLOCATED
Explanation: An MVS MODIFY command entered at an operator console specified that the EPILOG collector should switch to another EDS, but the collector was unable to allocate the EDS.
System Action: The collector ignores the request and continues normally.
User Response: Determine the reason that the EDS could not be allocated and take appropriate action to make it available. Alternatively, re-enter the command, specifying a different, available EDS.

EC931 EDS SPECIFIED CANNOT BE OPENED
Explanation: An MVS MODIFY command entered at an operator console specified that the EPILOG collector should switch to another EDS, but the collector was unable to open the EDS.
System Action: The collector ignores the request and continues normally.
User Response: Determine the reason that the EDS could not be opened and take appropriate action to make it available. Alternatively, re-enter the command, specifying a different, available EDS.

EC934 EPILOGC MANUAL SWITCH TO SMF COMPLETED ON xxxx
Explanation: The EPILOG collector completed an operator-requested switch to SMF-only recording. xxxx is the SMF ID of the system on which the collector is running.
System Action: The collector continues normally.
User Response: None.
EC935  EPILOGC ON xxxx STARTING SWITCH TO NEXT EDS
   Explanation: The EPILOG collector has initiated a switch to the next available
               EDS in the EDS queue (either at operator request or because the active EDS ran
               out of space). xxxx is the SMF ID of the system on which the collector is running.
   System Action: The collector continues normally.
   User Response:  None.

EC936  WARNING: EPILOGC SKIPPING UNUSABLE EDS
   Explanation: During a switch to the next available EDS, the EPILOG collector
               skipped an EDS because it was not available for collection.
   System Action: The collector continues searching the queue for an available
               EDS. If one is found, the collector starts writing to it; if none is found, the collector
               terminates or starts SMF-only recording, depending upon the parameters
               specified in KEPOPTN.
   User Response:  Make the skipped EDS available for collection. The collector
               status display, obtained by issuing an operator MODIFY command, will identify
               the reason that the EDS was unusable. This exception condition may result in
               disruption of the normal sequence of automatic EDS selection; to restore
               the normal sequence, you may need to temporarily stop EDS recording by stopping
               the collector or manually switching to SMF-only recording. See EC943 for
               additional details.

EC937  EPILOGC SWITCHING TO SMF-ONLY RECORDING
   Explanation: The EPILOG collector suspended EDS recording because no EDS
               is available for collection.
   System Action: The collector continues writing to SMF.
   User Response:  Make at least one datastore available to the collector, then use
               the MODIFY command to resume EDS recording. The Input/Error Message Log
               and/or the collector status display provides additional information identifying the
               reasons for EDS unavailability. After resuming EDS recording, you may arrange
               for reloading of the missing data from the SMF datasets to an appropriate EDS.

EC938  EPILOGC AUTOMATIC EDS SWITCH COMPLETED ON xxxx
   Explanation: The EPILOG collector completed an automatic switch from a full
               EDS to a subsequent EDS in the queue or to SMF-only recording (if no other EDS
               was available and SMF recording is permitted). xxxx is the SMF ID of the system
               on which the collector is running.
   System Action: The collector continues normally.
   User Response:  None.

EC939  EPILOGC MANUAL EDS SWITCH COMPLETED ON xxxx
   Explanation: The EPILOG collector completed an operator-requested switch to
               another EDS. xxxx is the SMF ID of the system on which the collector is running.
   System Action: The collector continues normally.
   User Response:  None.
**EC940 WARNING: EDS SWITCHED DUE TO OLD DATA**

**Explanation:** During an automatic EDS switch triggered by a change of month, week or day, the EPILOG collector detected that an available EDS contained collected data for a previous month, week or day. The collector changed the collection status of the EDS from AVAILABLE to SWITCHED, making it unavailable for collection until maintained. This message will be followed by message EB930, which identifies the EDS dataset name. This condition can occur only when switching by month, week or day has been specified in KEPOPTN using the EDSSWITCH keyword of the OPTIONS statement; monthly, weekly and daily switching implies isolation of EDS data by time period, which prevents the recording of data to an EDS which already contains data for a previous time period.

**System Action:** The collector continues normally.

**User Response:** Maintain the EDS to make it available for collection.

**EC941 WARNING: NEXT EDS IS NOT AVAILABLE**

**Explanation:** The EDS that follows the active EDS in the queue is not currently available for collection. The EPILOG collector issues this message at the conclusion of an EDS switch and in conjunction with warnings about EDS space utilization (see EC899).

**System Action:** The collector continues normally.

**User Response:** This message is a warning that the EDS following the currently-active EDS must be maintained before the next EDS switch occurs so that the collector will be able to switch to it. It may signal that EDS maintenance procedures were unsuccessful. If appropriate, check the results of the last-started maintenance job/task. This message should be interpreted in the context of concurrent events and messages but usually implies that manual intervention is required to make an EDS available to the collector.

**EC942 WARNING: MAINTPROC NOT STARTED**

**Explanation:** The EPILOG collector completed an EDS switch, but did not start the EDS maintenance procedure specified in KEPOPTN because of exceptional circumstances.

**System Action:** The collector continues normally.

**User Response:** A subsequent message will identify the reason that the collector failed to initiate automatic maintenance. Manually-initiated EDS maintenance is usually required.
EC943  ACTIVE EDS WAS SELECTED OUT-OF-ORDER

Explanation: The EPILOG collector attempted to switch to the next EDS but it was not available. It switched instead to a subsequent available EDS in the queue.

System Action: The collector bypasses automatic EDS maintenance and continues.

User Response: Although the collector switched to the first available EDS that it found to avoid interrupting data collection, the normal sequence of automatic EDS selection has been disrupted. In this situation, the collector bypasses automatic EDS maintenance (does not start the user-specified maintenance PROC) to avoid prematurely destroying or archiving previously-collected data. The corrective action required depends on the status of the collector’s EDS queue, which may be displayed by issuing an operator MODIFY command. Usually, manual intervention is required to make at least one unavailable EDS available for collection and to initiate EDS maintenance. You may also need to stop the collector or to temporarily switch to SMF-only recording in order to reorganize the EDS queue and re-establish the proper sequence of automatic EDS selection. This is a particularly important consideration if you have specified monthly, daily or weekly EDS switching.

EC944  NEXT EDS IS UNAVAILABLE

Explanation: At the conclusion of an EDS switch, the EPILOG collector attempted to determine whether the EDS following the active EDS was available for collection. However, the EDS was unavailable (it could not be allocated or opened, or it was not a valid EDS.) and the collector was unable to determine whether it required maintenance.

System Action: The collector bypasses automatic maintenance but otherwise continues normally.

User Response: Determine the reason that the next EDS is unavailable and arrange to make it available before the next EDS switch. See the Input/Error Message Log and the collector status display for additional information about the reasons for the unavailability of the EDS.

EC945  NEXT EDS IS AVAILABLE

Explanation: The next EDS in the EDS queue (the EDS following the one that is currently active) is available to the EPILOG collector for data recording.

System Action: The collector continues normally.

User Response: None. This message is usually issued to confirm that EDS maintenance is not required since the collector will have an EDS to write to when the next switch occurs.
EC946 MAINTPROC STARTED CODE = nn
Explanation: At the conclusion of an automatic EDS switch, the EPILOG collector attempted to start the EDS maintenance PROC specified in KEPOPTN to maintain the EDS that follows the one just activated. nn is the decimal completion code from the internal execution of the MVS START command. (It does not indicate whether the maintenance task successfully completed.)
System Action: The collector continues collection to the currently-active EDS (and to SMF, if requested) regardless of the success of the START command and the outcome of EDS maintenance.
User Response: If nn is 0, the maintenance PROC was started successfully and no action is required unless it fails. A value of nn other than 0 indicates a START command processing error and may signal an internal EPILOG error. Contact Candle Customer Support for assistance. In the event of any error that prevents maintenance from being completed, manual intervention is required to make the next EDS available for collection before the next EDS switch occurs. JCL errors in the procedure must also be corrected prior to the next EDS switch to prevent a recurrence of this problem. Note that while the collector does not directly monitor the started maintenance task, it will issue a message describing the status of the next EDS at the time that space utilization in the currently-active EDS attains the threshold specified by the WARNING keyword in KEPOPTN; if this message indicates that the next EDS is not available, a maintenance task failure may be assumed when automatic maintenance is in effect.

EC947 EDS ADDED, DSN=eds-dsname
Explanation: The specified dataset name was successfully added to the EPILOG collector’s EDS queue. This message is usually issued in response to an operator MODIFY command requesting dynamic addition of a dataset name to the collector’s EDS queue.
System Action: The collector continues normally.
User Response: None.

EC948 EDS DROPPED, DSN=eds-dsname
Explanation: The specified dataset name was successfully removed from the EPILOG collector’s EDS queue. This message is issued in response to an operator MODIFY command requesting dynamic removal of a dataset name from the collector’s EDS queue.
System Action: The collector continues normally.
User Response: None.

EC980 EPILOGC CACHE SERVICE ERROR DETECTED
Explanation: An error has been detected during cache processing.
System Action: None.
User Response: Contact Candle Customer Support.

EC981 EPILOGC CACHE INITIALIZATION GETMAIN FAILURE
Explanation: There was not enough storage for cache statistics collection.
System Action: Same as message 982.
User Response: If cache statistics are desired, you must restart the collector with a larger region size.
EC982  EPILOGC ERROR LOADING CACHE SERVICE MODULE
Explanation: The EPILOG collector was unable to access the Cache Information Services (CIS) module needed for cache statistics collection.
System Action: The collector processing continues; however, cache statistics will not be collected.
User Response: The cache service functions are contained in a separate load module in the target load library. Ensure that EPILOG has been installed correctly.

EC990  APF AUTHORIZATION REQUIRED
Explanation: The collector is unable to continue because it is not APF authorized. This message is issued by the collector router module, KEPCOLL, when it detects that APF authorization is lacking.
System Action: The collector terminates without starting data collection.
User Response: Verify that the load library from which the collector is being run (normally the SMP target library RKANMOD) is APF authorized. If not, add the appropriate information to SYS1.PARMLIB(EAAPFx); if so, verify that the correct load library is specified by the STEPLIB DD statement in the JCL that is used to run the collector. Restart the collector after making the necessary adjustments.

EC991  UNABLE TO LOCATE MVS-RELEASE-DEPENDENT COLLECTOR MODULE
Explanation: The collector is unable to continue because it is unable to load the collection service module (xxxxxx) for the release of MVS under which it is being executed.
System Action: The collector terminates without starting data collection.
User Response: In the message, xxxxxx is the PDS member name of the missing load module. Normally, this module resides in the SMP target load library RKANMOD. If it is missing, a likely reason is that the FMID that distributes it has not been installed properly. Verify that all EPILOG FMIDs have been installed successfully through SMP APPLY. SMP reporting facilities may be used to ascertain the status of load module xxxxxx. Contact Candle Customer Support for assistance if necessary. Restart the collector after correcting the problem. Note that this message is normal if you attempted to run the collector under a release of MVS under which you are not licensed to run it.

EC992  LOADING MVS-RELEASE-DEPENDENT COLL MODULE
Explanation: The collector has successfully loaded the collection service module (xxxxxx) for the release of MVS under which it is running.
System Action: The collector continues normally.
User Response: None. This is an informational message.
ECD000  EPILOG IMS WILL NOT COLLECT IMS SYSTEM DATASET STATISTICS: GETMAIN FAILED, MODE=UNCOND
Explanation: EPILOG does not have enough memory to create the dataset work area.
System Action: EPILOG does not collect statistics for the DIS RDAS panel.
User Response: See the Configuration and Customization Guide for region size needed. If the region size is sufficient and the problem persists, call Candle Customer Support.

ECF000  EPILOG IMS WILL NOT COLLECT FIXED BUFFER POOL STATISTICS
Explanation: A GETMAIN for the combined fixed pool statistics work area failed.
System Action: EPILOG will not collect the combined fixed pool statistics.
User Response: Increase the region size.

ECV000  EPILOG/IMS WILL NOT COLLECT FAST PATH VSO STATS: GETMAIN FAILED
Explanation:
System Action: EPILOG cannot collect Fast Path VSO statistics.
User Response: Bring OMEGAMON down and back up. Recycle with a larger region size.

ECV001  EPILOG/IMS WILL NOT COLLECT FAST PATH VSO STATS: NO VSO AREAS
Explanation: EPILOG did not find any VSO control blocks.
System Action: EPILOG cannot collect Fast Path VSO statistics.
User Response: None.

ECV002  EPILOG/IMS WILL COLLECT FAST PATH VSO STATISTICS AS THERE ARE NOW VSO AREAS
Explanation: EPILOG found VSO control blocks.
System Action: EPILOG will collect Fast Path VSO statistics.
User Response: None.

ECW000  EPILOG/IMS WRITE TASK INITIALIZATION COMPLETED
Explanation: The task that writes the EPILOG data to the EDS has been successfully initialized.
System Action: Information can now be written to the EPILOG datastore (EDS).
User Response: None.

ECW002  IMS GROUP DEFINITION WRITTEN TO EPILOG/IMS EDS
Explanation: The IMS group definition has been written to the EDS for this collection interval.
System Action: The data is now available for display by the EPILOG reporter.
User Response: None.
ECW004  IMS RESOURCE DATA WRITTEN TO EPILOG/IMS EDS
Explanation: The IMS resource data record has been written to the EDS for this collection interval.
System Action: The data is now available for display by the EPILOG reporter.
User Response: None.

ECW005  EPILOG/IMS DB I/O STATISTICS FOR PREVIOUS INTERVAL WERE ONLY PARTIAL DUE TO INSUFFICIENT STORAGE IN THE REGION. THIS MAY AFFECT ANALYSIS.
Explanation: The EPILOG write task tried to write out inactive database I/O data, because the previous I/O for the name data area had not completed.
System Action: The EPILOG write task terminates.
User Response: Call Candle Customer Support.

ECW006  IMS WORKLOAD DATA WRITTEN TO EPILOG/IMS EDS
Explanation: The IMS workload data record has been written to the EDS for this collection interval.
System Action: The data is now available for display by the EPILOG reporter.
User Response: None.

ECW007  EPILOG/IMS WRITE TASK TERMINATING
Explanation: The task that writes the EPILOG data to the EDS has been terminated normally.
Message Type: Data collection is terminated.
User Response: None.

ECW903  EPILOG/IMS WRITE TASK FAILED OBTAINING TASK WORK AREA
Explanation: An error occurred trying to GETMAIN a work area for the EPILOG write subtask.
System Action: The writer subtask terminates.
User Response: See the Configuration and Customization Guide for region size needed. If the region size is sufficient and the problem persists, call Candle Customer Support.

ECW905  EPILOG/IMS WRITE TASK FAILED OBTAINING STACK AREA
Explanation: An error occurred during EPILOG write subtask save area processing.
System Action: The EPILOG write subtask terminates. A U0302 abend follows this message.
User Response: See the Configuration and Customization Guide, for region size needed. If the region size is sufficient and the problem persists, call Candle Customer Support.
ECW907  EPILOG/IMS WRITE TASK ESTAE FAILURE - ABENDING
Explanation: An error occurred while the EPILOG write subtask was establishing its ESTAE environment.
System Action: The EPILOG write subtask terminates. A user abend with the ESTAE return code accompanies this message.
User Response: This is an internal software error and not a user problem. Call Candle Customer Support.

ECW913  EPILOG/IMS WRITE TASK FAILED TO LOCATE GLOBAL VECTOR TABLE - ABENDING
Explanation: An error occurred when the EPILOG write subtask tried to access the global vector table (an EPILOG internal control block).
System Action: The EPILOG write subtask terminates. This message is accompanied with a U0304 abend.
User Response: This is an internal software error and not a user problem. Call Candle Customer Support.

ECW915  EPILOG/IMS COMMON WRITE TASK FAILED TO LOCATE IMS SCD - TERMINATING
Explanation: An error occurred when the EPILOG write subtask tried to reference the IMS SCD.
System Action: The EPILOG write subtask terminates.
User Response: This is an internal software error and not a user problem. Call Candle Customer Support.

ECW917  EPILOG/IMS WRITE TASK UNABLE TO LOCATE IMS COLLECTOR - TERMINATING
Explanation: An error occurred when the EPILOG write subtask tried to load module KEIICxy.
System Action: The EPILOG write subtask terminates. A U0307 abend follows this message.
User Response: This is an internal software error and not a user problem. Call Candle Customer Support.

ECW919  EPILOG/IMS WRITE TASK FAILED RELEASING WORK STACK
Explanation: An error occurred during EPILOG write subtask save area processing.
System Action: The EPILOG write subtask terminates. A U0302 abend follows this message.
User Response: This is an internal software error and not a user problem. Call Candle Customer Support.

ECW921  EPILOG/IMS WRITE TASK ABENDING AT TASK TERMINATION
Explanation: This message is issued whenever EPILOG write task has abended.
System Action: EPILOG write task continues termination.
User Response: Call Candle Customer Support with appropriate abend code.
ECW923  EPILOG/IMS QUICK CELL AND HASH TABLE ENTRIES NOT IN SYNC - KEICWxy TERMINATING
Explanation: The count of storage cells used to keep track of database I/O does not agree with the count of hash table entries used for database lookup.
System Action: The EPILOG write task terminates. A U0365 abend follows this message.
User Response: Call Candle Customer Support with appropriate abend code. Save the dump for them to use in determining the problem.

ECW925  EPILOG/IMS DB/IO FREE CELL ERROR - EPILOG/IMS WRITE TASK TERMINATING
Explanation: An error occurred when the system tried to free one of the storage cells used to keep track of database I/O.
System Action: The EPILOG write task terminates. This message is followed by a U0366 abend.
User Response: Check the device on which EDS is located; problems such as contention can prevent the writes to EDS from completing within the specified interval.

ECW927  EPILOG/IMS DB/IO QUICK CELLS NOT ALL FREED - EPILOG/IMS WRITE TASK TERMINATING
Explanation: An error occurred when the system tried to free all of the storage cells used to keep track of database I/O. All storage cells were not freed.
System Action: The EPILOG write task terminates. This message is followed by a U0367 abend.
User Response: Check the device on which EDS is located; problems such as contention can prevent the writes to EDS from completing within the specified interval.

ECW929  EPILOG/IMS WRITE TASK ESTAE ENTERED WITH AN INVALID WORK AREA
Explanation: An error occurred when EPILOG write subtask ESTAE routine received control.
System Action: The EPILOG write subtask continues termination without cleanup. An U0303 abend accompanies this message.
User Response: This is an internal software error and not a user problem. Call Candle Customer Support.

EDT001  EPILOG/IMS CYCLE TASK INITIALIZATION COMPLETE
Explanation: This message is displayed when EPILOG has begun collecting bottleneck analysis information.
System Action: The bottleneck analysis collector is started.
User Response: None.

EDT005  EPILOG/IMS CYCLE TASK TERMINATING
Explanation: This message is displayed when EPILOG has stopped collecting bottleneck analysis information.
System Action: The bottleneck analysis collector terminates.
User Response: None.
EDT903  EPILOG/IMS CYCLE TIMER TASK FAILED TO OBTAIN TASK WORK AREA - TERMINATING
Explanation: The bottleneck analysis collector cycle task for EPILOG was unable to GETMAIN storage for a workarea.
System Action: The EPILOG task that coordinates bottleneck analysis information terminates.
User Response: Stop the EPILOG address space and restart it with a larger region size.

EDT905  EPILOG/IMS CYCLE TIMER TASK UNABLE TO ESTABLISH ESTAE - ABENDING
Explanation: The bottleneck analysis collector cycle task for EPILOG was unable to establish an ESTAE for error recovery purposes.
System Action: The EPILOG task that coordinates bottleneck analysis information abends.
User Response: Call Candle Customer Support.

EDT907  ESTAE ENTERED WITH INVALID WORK AREA
Explanation: The error recovery routine (ESTAE) for the EPILOG bottleneck analysis cycle collection task was entered with the address of an invalid work area.
System Action: The EPILOG task that coordinates bottleneck analysis information abends.
User Response: Call Candle Customer Support.

EDV905  EPILOG/IMS COLLECTOR FAILED ALLOCATING DEVICE ADDRESS TABLE
Explanation: The EPILOG collector task that gathers information about the DASD devices allocated to IMS was unable to GETMAIN one of its tables.
System Action: No DASD device information is collected during this EPILOG collection cycle.
User Response: Stop the EPILOG address space and restart it using a larger region size. If this message persists, call Candle Customer Support.

EDV920  EPILOG/IMS FAILED TO ALLOCATE DASD STATISTICS TABLE
Explanation: See message EDV905.
System Action: See message EDV905.
User Response: See message EDV905.

EDV925  EPILOG/IMS FAILED TO LOCATE DEVICE EVENT DATA TABLE
Explanation: The EPILOG collector task that gathers information about the DASD devices allocated to IMS was unable to locate the RMF device event data table.
System Action: No RMF device information is collected during this EPILOG collection cycle.
User Response: Check to see if RMF is active and monitoring DASD devices. If so, call Candle Customer Support.
EDV935  EPILOG/IMS FAILED TO LOCATE THE TARGET DEVICE CLASS
Explanation: The EPILOG collector task that gathers information about the
DASD devices allocated to IMS was unable to locate the RMF data for DASD
devices.
System Action: No RMF device information is collected during this EPILOG
collection cycle.
User Response: Check to see if RMF is active and monitoring DASD devices. If
so, call Candle Customer Support.

EDV940  EPILOG/IMS DEVICE STATISTICS RECORD IS TRUNCATED
Explanation: There is more data for DASD devices allocated to IMS than can fit
in the largest EPILOG VSAM record allowed.
System Action: The EPILOG VSAM record truncates and statistics for one or
more DASD devices are lost.
User Response: The LRECL of the EPILOG Datastore (EDS) needs to be
increased. This may require that the CISIZE be enlarged, or that spanned records
be specified. You can define a new EDS, and then REPRO the old EDS data into
the new EDS.

EIL010  cccc - PST TABLE ADDRESS EQUAL TO ZERO
Explanation: cccc is the module that issued the message. The EPILOG collector
was not able to locate its internal control tables. This is an internal error.
System Action: Information about Fast Path region sync points are not being
collected. A dump may be generated.
User Response: If the message persists, gather any related messages and
dumps and call Candle Customer Support.

EIL020  cccc - CURRENT BUCKET ADDRESS EQUAL TO ZERO
Explanation: cccc is the module that issued the message. The EPILOG collector
was not able to locate one of its internal control tables. This is an internal error.
System Action: EPILOG does not collect information about Fast Path region
sync points. A dump may also be generated.
User Response: If the message persists, gather any related messages and
dumps and call Candle Customer Support.

EIL030  cccc - CURRENT BUCKET IS LOCKED
Explanation: cccc is the module issuing the message. An EPILOG collector
internal control block was locked.
System Action: EPILOG does not collect information about Fast Path region
sync points for that collect cycle. A dump may be generated if the buckets remain
locked.
User Response: If the message persists, gather any related messages and
dumps and call Candle Customer Support.
EIL040  cccc - REGION ID TABLE ADDRESS EQUAL TO ZERO

Explanation:  cccc is the module that issued the message. The EPILOG collector was not able to locate one of its internal control tables. This is an internal error.

System Action:  EPILOG does not collect information about Fast Path region sync points. A dump may also be generated.

User Response:  If the message persists, gather any related messages and dumps and call Candle Customer Support.

EIL050  cccc - IMS SCD ADDRESS EQUAL TO ZERO

Explanation:  cccc is the module that issued the message. The EPILOG collector was not able to locate IMS SCD.

System Action:  EPILOG does not collect information about Fast Path region sync points. A dump may be generated.

User Response:  If the message persists, gather any related messages and dumps and call Candle Customer Support.

EIL060  cccc - VALID SCD NOT FOUND

Explanation:  cccc is the module that issued the message. The EPILOG collector was not able to locate valid IMS SCD.

System Action:  EPILOG does not collect information about Fast Path region sync points. A dump may also be generated.

User Response:  If the message persists, gather any related messages and dumps and call Candle Customer Support.

EIL070  cccc - IMS ESCD ADDRESS EQUAL TO ZERO

Explanation:  cccc is the module that issued the message. The EPILOG collector was not able to locate IMS ESCD.

System Action:  EPILOG does not collect information about Fast Path region sync points. A dump may also be generated.

User Response:  If the message persists, gather any related messages and dumps and call Candle Customer Support.

EIL080  cccc - VALID ESCD NOT FOUND

Explanation:  cccc is the module that issued the message. The EPILOG collector was not able to locate a valid IMS ESCD.

System Action:  EPILOG does not collect information about Fast Path region sync points. A dump may also be generated.

User Response:  If the message persists, gather any related messages and dumps and call Candle Customer Support.

EIL090  cccc - UNABLE TO OBTAIN RSA

Explanation:  cccc is the module that issued the message. The EPILOG collector was not able to obtain the register save area (RSA).

System Action:  EPILOG does not collect information about Fast Path region sync points. A dump may also be generated.

User Response:  If the message persists, gather any related messages and dumps and call Candle Customer Support.
**EIL100**  
*cccc - EMDA ADDRESS EQUAL TO ZERO*  
**Explanation:** *cccc* is the module that issued the message. The EPILOG collector was not able to locate an internal control block.  
**System Action:** EPILOG will not collect information about Fast Path region sync points. A dump may also be generated.  
**User Response:** If the message persists, gather any related messages and dumps and call Candle Customer Support.

**EIL110**  
*cccc - GVT ADDRESS EQUAL TO ZERO*  
**Explanation:** *cccc* is the module that issued the message. The EPILOG collector was not able to locate an internal control block.  
**System Action:** EPILOG does not collect information about Fast Path region sync points. A dump may also be generated.  
**User Response:** If the message persists, gather any related messages and dumps and call Candle Customer Support.

**EIL120**  
*cccc - LOG RECORD ADDRESS EQUAL TO ZERO*  
**Explanation:** *cccc* is the module that issued the message. The EPILOG collector was not able to locate an internal control block.  
**Message Type:** EPILOG does not collect information about Fast Path region sync points. A dump may also be generated.  
**User Response:** If the message persists, gather any related messages and dumps and call Candle Customer Support.

**EIL130**  
*cccc - EI DEFINITION AREA ADDRESS EQUAL TO ZERO*  
**Explanation:** *cccc* is the module that issued the message. The EPILOG collector was not able to locate an internal control block.  
**System Action:** EPILOG does not collect information about Fast Path region sync points. A dump may also be generated.  
**User Response:** If the message persists, gather any related messages and dumps and call Candle Customer Support.

**EIL140**  
*cccc - EI DEFINITION AREA POINTER EQUAL TO ZERO*  
**Explanation:** *cccc* is the module that issued the message. The EPILOG collector was not able to locate an internal control block.  
**System Action:** EPILOG does not collect information about Fast Path region sync points. A dump may also be generated.  
**User Response:** If the message persists, gather any related messages and dumps and call Candle Customer Support.

**EIL150**  
*cccc - PST TABLE POINTER EQUAL TO ZERO*  
**Explanation:** *cccc* is the module that issued the message. The EPILOG collector was not able to locate an internal control block.  
**System Action:** EPILOG does not collect information about Fast Path region sync points. A dump may also be generated.  
**User Response:** If the message persists, gather any related messages and dumps and call Candle Customer Support.
EIL160  cccc - CURRENT BUCKET POINTER EQUAL TO ZERO
Explanation:  cccc is the module that issued the message. The EPILOG collector was not able to locate an internal control block.
System Action:  EPILOG does not collect information about Fast Path region sync points. A dump may also be generated.
User Response:  If the message persists, gather any related messages and dumps and call Candle Customer Support.

EIL170  cccc - REGION ID IS TOO LARGE
Explanation:  cccc is the module that issued the message. EPILOG found a region ID greater than 255 in a ‘5937’ log record.
System Action:  EPILOG does not collect information about Fast Path region sync points. A dump may also be generated.
User Response:  If the message persists, gather any related messages and dumps and call Candle Customer Support.

EIL180  cccc - REGION ID IS TOO SMALL
Explanation:  cccc is the module that issued the message. EPILOG found a region ID less than 0 in a ‘5937’ log record.
System Action:  EPILOG does not collect information about Fast Path region sync points. A dump may also be generated.
User Response:  If the message persists, gather any related messages and dumps and call Candle Customer Support.

EIL190  cccc- CBTA POINTER IS EQUAL TO ZERO
Explanation:  cccc is the module that issued the message. The EPILOG collector could not locate the CBTA pointer.
System Action:  EPILOG does not collect information about Fast Path region sync points. A dump may also be generated.
User Response:  If the message persists, gather any related messages and dumps and call Candle Customer Support.

EIL200  cccc - CBTA DIRECTORY INVALID
Explanation:  cccc is the module that issued the message. The EPILOG collector could not locate a value in the CBTA directory.
System Action:  EPILOG does not collect information about Fast Path region sync points. A dump may also be generated.
User Response:  If the message persists, gather any related messages and dumps and call Candle Customer Support.

EIL210  cccc - NO CBTA TABLE ENTRIES
Explanation:  cccc is the module that issued the message. The EPILOG collector could not locate any CBTA entries.
System Action:  EPILOG does not collect information about Fast Path region sync points. A dump may also be generated.
User Response:  If the message persists, gather any related messages and dumps and call Candle Customer Support.
EIL220  
**cccc - CBTA ENTRY NOT FOUND**

**Explanation:** cccc is the module that issued the message. The EPILOG collector could not locate any CBTA entries.

**System Action:** EPILOG does not collect information about Fast Path region sync points. A dump may also be generated.

**User Response:** If the message persists, gather any related messages and dumps and call Candle Customer Support.

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EIL230  
**cccc - CBT IPAGE POINTER EQUAL TO ZERO**

**Explanation:** cccc is the module that issued the message. The EPILOG collector could not locate a pointer to an IPAGE.

**System Action:** EPILOG does not collect information about Fast Path region sync points. A dump may also be generated.

**User Response:** If the message persists, gather any related messages and dumps and call Candle Customer Support.

---

EIL240  
**cccc - INVALID DPST FOUND**

**Explanation:** cccc is the module that issued the message. The EPILOG collector could not locate a valid DPST.

**System Action:** EPILOG does not collect information about Fast Path region sync points. A dump may also be generated.

**User Response:** If the message persists, gather any related messages and dumps and call Candle Customer Support.

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EIL250  
**cccc - FIRST PST POINTER IS ZERO**

**Explanation:** cccc is the module that issued the message. The EPILOG collector could not locate an internal control block.

**System Action:** EPILOG does not collect information about Fast Path region sync points. A dump may also be generated.

**User Response:** If the message persists, gather any related messages and dumps and call Candle Customer Support.

---

EIL260  
**cccc - NUMBER OF PSTS GREATER THEN 255**

**Explanation:** cccc is the module that issued the message. The EPILOG collector determined that the number of PSTs is greater than 255.

**System Action:** EPILOG does not collect information about Fast Path region sync points. A dump may also be generated.

**User Response:** If the message persists, gather any related messages and dumps and call Candle Customer Support.

---

EIL270  
**cccc - NUMBER OF PSTS EQUALS ZERO**

**Explanation:** cccc is the module that issued the message. The EPILOG collector determined that the number of PSTs equals 0.

**System Action:** EPILOG does not collect information about Fast Path region sync points. A dump may also be generated.

**User Response:** If the message persists, gather any related messages and dumps and call Candle Customer Support.
EIL280  cccc - REGION ID NOT FOUND IN PST TBL
Explanation:  cccc is the module that issued the message. The EPILOG collector could not locate a region ID in an internal table.
System Action:  EPILOG does not collect information about Fast Path region sync points. A dump may also be generated.
User Response:  If the message persists, gather any related messages and dumps and call Candle Customer Support.

EIL290  cccc - REGION ID MATCH NOT FOUND
Explanation:  cccc is the module that issued the message. The EPILOG collector could not locate a region ID in an internal table.
System Action:  EPILOG does not collect information about Fast Path region sync points. A dump may also be generated.
User Response:  If the message persists, gather any related messages and dumps and call Candle Customer Support.

EIL300  cccc - CELL NOT AVAILABLE
Explanation:  cccc is the module that issued the message. The EPILOG collector could not obtain a memory cell.
System Action:  EPILOG does not collect information about Fast Path region sync points. A dump may also be generated.
User Response:  If the message persists, gather any related messages and dumps and call Candle Customer Support.

EIL310  cccc - EPILOG/IMS FAST PATH SYNC RECORD IS TRUNCATED
Explanation:  cccc is the module that issued the message. The EPILOG collector truncated an EPILOG record.
System Action:  Information about Fast Path region sync points will not be complete.
User Response:  If the message persists, call Candle Customer Support.

EIL320  cccc - FREE CELL ERROR
Explanation:  cccc is the module that issued the message. The EPILOG collector encountered an error condition when attempting to free a memory cell.
System Action:  Information about Fast Path region sync points will not be complete. A user abend 500 will be produced.
User Response:  If the message persists, gather any related messages and dumps and call Candle Customer Support.

EI800  LOOP DETECTED IN KEYWORD TABLE SEARCH
Explanation:  An internal error has occurred while processing the keyword table.
System Action:  The EPILOG command terminates.
User Response:  Re-enter the command; if the problem persists, call Candle Customer Support.
EI810 **OPTION IS NOT A VALID DEXAN REASON**

**Explanation:** A DISPLAY command with the ON keyword was entered to request a summary display of a specific bottleneck reason, but the name which was entered is not a valid DEXAN reason name.

**System Action:** The display command is rejected.

**User Response:** Enter a valid DEXAN reason name.

EI820 **KEYWORDS ON AND DATABASE ARE MUTUALLY EXCLUSIVE**

**Explanation:** The ON keyword requests a summary display for a specific bottleneck reason (for trend analysis), while the DATABASE keyword requests a summary display for a specific database. Only one of these can be requested at a time.

**System Action:** The display command is rejected.

**User Response:** Choose only one of the above keywords.

EI830 **DEGRADATION REASON ID TRANSLATION HAS FAILED**

**Explanation:** EPILOG was unable to translate the bottleneck reason ID in an EPILOG data record.

**System Action:** The bottleneck analysis display truncates.

**User Response:** Call Candle Customer Support.

EI835 **PLOTPCT VALID ONLY WITH SUMMARY KEYWORD**

**Explanation:** The PLOTPCT keyword requests that a trending plot of percent bottleneck over time be displayed. This request is only valid on a summary display.

**System Action:** The display command is rejected.

**User Response:** Add the SUMMARY keyword to the display command.

EI836 **PLOTPCT AND PLOTTIME ARE MUTUALLY EXCLUSIVE**

**Explanation:** The PLOTPCT keywords requests the plotting of degradation wait reason percentages, while the PLOTTIME keyword requests the plotting of degradation wait reason times. Only one keyword can be specified at a time.

**System Action:** The command is rejected.

**User Response:** Choose one of the two keywords and repeat the command.

EI850 **ONLY ONE SET OF RANGE PARMS ALLOWED**

**Explanation:** The resource type keyword contained an operand that included more than one range (for example, 1:3 5:8). Only one set of range parameters can be specified at a time.

**System Action:** The command is rejected.

**User Response:** Remove one of the ranges and repeat the command.

EI851 **MISSING END OF RANGE**

**Explanation:** The resource type keyword included an operand that did not contain the end of range value (for example, 1:).

**System Action:** The command is rejected.

**User Response:** Correct the command and rerun it.
EI852 RANGE START NOT LESS THAN RANGE END
Explanation: The resource type keyword included an operand that specified a range-end value which was less than the start-of-range value (for example, 3:1).
System Action: The command is rejected.
User Response: Correct the command and rerun it.

EI853 MAXIMUM OF 10 PARMS ALLOWED
Explanation: The resource type keyword included an operand that specified more than 10 parameters. A maximum of 10 are allowed.
Message Type: The command is rejected.
User Response: Correct the command and rerun it.

EI855 ONLY 1 DATABASE NAME ALLOWED
Explanation: The command specified multiple database names with the CATEGORY/DBS keywords. Only one database name can be specified at a time.
System Action: The command is rejected.
User Response: Correct the command and rerun it.

EI856 WILD CARD CHARACTER (*) ONLY VALID AT END OF PARM
Explanation: A wild card (*) was specified in a location other than the end of the keyword parameter. The wild card character can only be specified in the last position of operand value; for example, RDBE(IM*).
System Action: The command is rejected.
User Response: Correct the command and rerun it.

EI857 INVALID TRANSACTION GROUP NUMBER
Explanation: An invalid number was specified with the GRP keyword. The GRP keyword operand must be a number between 1–30 or a symbolic group name.
System Action: The command is rejected.
User Response: Correct the command and rerun it.

EI858 ON KEYWORD ONLY VALID WITH SUMMARY DISPLAY
Explanation: The ON keyword requests a summary display for a specific degradation wait reason. It is only valid with SUMMARY displays.
System Action: The command is rejected.
User Response: Correct the command and rerun it.

EI859 CATEGORY ONLY VALID WITH SUMMARY DISPLAY
Explanation: The CATEGORY keyword was specified for a DETAIL display. It is only valid for SUMMARY displays.
System Action: The command is rejected.
User Response: Correct the command and rerun it.

EI860 MAXSCALE OF ZERO NOT ALLOWED
Explanation: The MAXSCALE operand value was zero. The MAXSCALE operand value should be a valid time value; for example, MAXSCALE(1M).
Message Type: The command is rejected.
User Response: Correct the command and rerun it.
EI861  INVALID OPERAND VALUE SPECIFIED WITH GSUM KEYWORD
Explanation: The operand value specified with the GSUM keyword was not valid. Valid values are R0, R1, OQ, IQ, PI, and PR.
System Action: The command is rejected.
User Response: Correct the command and rerun it.

EI862  DATA LINE BUILD ERROR. AUTO OPTION TERMINATED.
Explanation: EPILOG attempted to build an output print line due to a DISPLAY command with the AUTO option specified.
System Action: The AUTO option terminates; DISPLAY processing continues.
User Response: This problem may occur because of insufficient storage. Increase your region parameter on your JOB or EXEC statement. If the problem continues, contact Candle Customer Support.

EI952  DATASTOR REQUIRES USE OR DROP KEYWORD
Explanation: The DATASTOR command requires the USE or DROP keyword to direct its action against the available EDS.
System Action: The command terminates.
User Response: Specify DROP to unallocate the current EDS, or USE to make a new EDS available.

EI953  DATASTOR REQUIRES EDS KEYWORD
Explanation: The DATASTOR command requires the EDS keyword to identify the EDS to process.
System Action: The command terminates.
User Response: Issue the EDS keyword and provide the name of the EDS to be processed.

EI956  SEVERE ERROR ENCOUNTERED IN EBETBAD
Explanation: The EBETBAD routine encountered a severe error while processing an EDS-related command.
System Action: The command terminates.
User Response: Call Candle Customer Support.

EI960  EDS dsname HAS INVALID FORMAT - NOT ADDED
Explanation: The dataset name specified in the EDS keyword of the DATASTOR command had an invalid format.
System Action: The command terminates.
User Response: Make sure the dataset name has eight or fewer characters in a single qualifier and that only one period is used between qualifiers. Correct the dataset name and reissue the command.

EI961  INVALID VALUE FOR DROP KEYWORD
Explanation: The value of the EDS keyword of the DATASTOR DROP command was invalid. The value should be either the number ‘1’ or the word ‘ALL’. The ‘EDS’ keyword itself is optional for the DATASTOR DROP command.
System Action: The command terminates.
User Response: Correct the EDS keyword’s value and reissue the command.
EOS000  EPILOG/IMS WILL NOT COLLECT ISAM/OSAM SUBPOOL STATISTICS
Explanation: EPILOG found that no ISAM/OSAM subpools were defined to the IMS system.
System Action: EPILOG does not collect ISAM/OSAM subpool statistics.
User Response: None. This may be normal if no ISAM/OSAM subpools are defined in your IMS system.

EOS900  EPILOG/IMS COLLECTOR FAILED TO OBTAIN ISAM/OSAM SUBPOOL STATISTICS AREA
Explanation: The task that collects statistics on the ISAM/OSAM subpool was unable to GETMAIN sufficient storage for a work area.
System Action: The task terminates with an abend.
User Response: Allocate a larger region size for the EPILOG address space.

EP400  GENERIC PROFNAME IS INVALID WITH COMPARE
Explanation: The COMPARE command does not accept an asterisk (*) with PNAME as a generic profile name.
System Action: EPILOG bypasses this command.
User Response: Specify a 1–6 character profile name or accept the PNAME default.

EP402  MULTIPLE WORKLOADS INVALID WITH SETP COMMAND
Explanation: The SETP command does not support multiple workloads.
System Action: EPILOG SETP bypasses the workload specification, and continues processing the other keywords.
User Response: Specify only one workload in SETP command.

EP403  SUMMARY INVALID WITH DISPLAY PNAME
Explanation: SUMMARY and PNAME are mutually exclusive on the DISPLAY command.
System Action: EPILOG terminates the command.
User Response: If you want a Profile Report, eliminate the SUMMARY keyword.

EP404  MERGE INVALID WITH RESOURCE/WORKLOAD REQUESTED
Explanation: MERGE as a sub-parameter of the SYSID keyword is currently only valid for the DISPLAY RDAS command.
System Action: The reporter is ready for the next command input.
User Response: None.

EP405  COMBINE NOT ALLOWED WITH JDAS/PDAS KEYWORDS
Explanation: Use of the COMBINE keyword is not valid when entering the DISPLAY JDAS or DISPLAY PDAS commands.
System Action: The reporter is ready for the next command input.
User Response: None.
EP406  TOTAL NOT ALLOWED WITH JDAS/PDAS KEYWORDS
Explanation: Use of the TOTAL keyword is not valid when entering the DISPLAY JDAS or DISPLAY PDAS commands.
System Action: The reporter is ready for the next command input.
User Response: None.

EP407  RIF PARAMETER INVALID FOR REQUESTED RESOURCE REPORT
Explanation: The RIF parameter supplied on a DISPLAY, EXTRACT or OBTAIN command was not valid for the one or more report types requested. The message is accompanied by a second line which identifies the parameter and the related report type.
System Action: The reporter waits for the next command.
User Response: Eliminate the invalid parameter or report request and retry the command.

EP408  RIF FOR RESOURCES NOT ALLOWED ON WORKLOAD REQUEST
Explanation: The RIF parameter supplied on a DISPLAY, EXTRACT or OBTAIN command is valid for resource reports, but a workload report has been requested.
System Action: The reporter waits for the next command.
User Response: Eliminate the invalid parameter and retry the command.

EP409  SIF KEYWORD INVALID FOR RESOURCE REPORTS
Explanation: The SIF keyword was supplied on a DISPLAY, EXTRACT or OBTAIN command requesting a resource report.
System Action: The reporter waits for the next command.
User Response: Eliminate the SIF parameter, or substitute a workload report request for the resource report request and retry the command.

EP410  RIF FOR WORKLOADS NOT ALLOWED ON RESOURCE REQUEST
Explanation: The RIF parameter supplied on a DISPLAY, EXTRACT or OBTAIN command is valid for workload reports, but a resource report has been requested.
System Action: The reporter waits for the next command.
User Response: Eliminate the invalid parameter and retry the command.

EP411  XPG INVALID WITH PNAME
Explanation: The PNAME and XPG keywords are mutually exclusive.
System Action: EPILOG bypasses the command and continues scanning the statement.
User Response: Remove either the XPG or the PNAME and try again.

EP412  AVERAGE INVALID WITH PNAME
Explanation: The AVERAGE and PNAME keywords are mutually exclusive.
System Action: EPILOG bypasses the command and continues scanning the statement.
User Response: Remove either the AVERAGE or the PNAME and try again.
EP413 TOTAL INVALID WITH PNAME
Explanation: The TOTAL and PNAME keywords are mutually exclusive.
System Action: EPILOG bypasses the command and continues scanning the statement.
User Response: Remove either the TOTAL or the PNAME and try again.

EP414 STEP INVALID WITH PNAME
Explanation: The STEP and PNAME keywords are mutually exclusive.
System Action: EPILOG bypasses the command and continues scanning the statement.
User Response: Remove either the STEP or the PNAME and try again.

EP415 COMBINE INVALID WITH PNAME
Explanation: The COMBINE and PNAME keywords are mutually exclusive.
System Action: EPILOG bypasses the command and continues scanning the statement.
User Response: Remove either the COMBINE or the PNAME and try again.

EP416 SINGLE INVALID WITH PNAME
Explanation: The SINGLE and PNAME keywords are mutually exclusive.
System Action: EPILOG bypasses the command and continues scanning the statement.
User Response: Remove either the SINGLE or the PNAME and try again.

EP417 DETAIL INVALID WITH PNAME
Explanation: The DETAIL and PNAME keywords are mutually exclusive.
System Action: EPILOG bypasses the command and continues scanning the statement.
User Response: Remove either the DETAIL or the PNAME and try again.

EP418 RESOURCE INVALID WITH PNAME
Explanation: The RESOURCE and PNAME keywords are mutually exclusive.
System Action: EPILOG bypasses the command and continues scanning the statement.
User Response: Remove either the RESOURCE or the PNAME and try again.

EP419 MAXSCALE INVALID WITH PNAME
Explanation: The MAXSCALE keyword is only supported for SUMMARY displays.
System Action: EPILOG bypasses the command and continues scanning the statement.
User Response: Remove either the MAXSCALE or the PNAME and try again.
EP420  NO WORKLOAD OR PROFILE NAME SPECIFIED
Explanation: A workload must be specified if PNAME is coded without an operand.
System Action: EPILOG bypasses the command and continues scanning the statement.
User Response: Include a workload or a profile name and re-submit the command.

EP421  SIF INVALID WITH PNAME
Explanation: SELECTIF exceptions are not allowed on the DISPLAY command when a profile name has been specified.
System Action: EPILOG bypasses the command and continues scanning the statement.
User Response: Replace the SELECTIF keyword with REPORTIF.

EP422  EXW INVALID WITH PNAME
Explanation: Excluded waits are not allowed on the DISPLAY command when a profile name has been specified.
System Action: EPILOG bypasses the command and continues scanning the statement.
User Response: Remove the excluded wait and try again.

EP423  AUTO INVALID WITH PNAME
Explanation: The AUTOMATIC keyword is not allowed on the DISPLAY command when a profile name has been specified.
System Action: EPILOG bypasses the command and continues scanning the statement.
User Response: Remove the AUTOMATIC keyword and try again.

EP424  PGN OR RPGN IS REQUIRED FOR THE PGP SELECTION
Explanation: The user must specify a performance group identifier with the PGN or RPGN keyword when requesting performance group period selection with the PGP keyword.
System Action: EPILOG bypasses the current command.
User Response: Include the PGN or RPGN keyword with the PGP keyword.

EP425  SUMMARY INVALID WITH COMPEXT
Explanation: The SUMMARY keyword cannot be used with the COMPEXT command.
System Action: EPILOG bypasses the current command.
User Response: Reissue the command without the SUMMARY keyword.

EP426  INTERVAL NOT ALLOWED WITH JDAS/PDAS KEYWORDS
Explanation: You cannot specify an INTERVAL keyword with the JDAS or PDAS display command.
System Action: EPILOG bypasses the current command.
User Response: Reissue the command without the INTERVAL keyword.
EP430  DISPLAY OF RSCL RESOURCE NOT SUPPORTED
Explanation: The RSCL resource data is only available through the OBTAIN and EXTRACT commands.
System Action: None.
User Response: Use the OBTAIN or EXTRACT command to get RSCL resource data.

EP431  EDSLRECL TOO SMALL TO ACCOMMODATE AVAILABLE EPILOG DATA
Explanation: The EDS record length was insufficient to accommodate the WLM Goal Mode data gathered from SMF type 72 subtype 3 records.
System Action: As much data as can be accommodated is written to the EDS and an indication and count of data sections missing are maintained in the record.
User Response: If the EDS is defined at less than the maximum LRECL of 32K, increase the LRECL on the EDS definition. If required, the SMF type 72 subtype 3 records can be used as input to the EPILOG maintenance utility which can be run against the EDS with the increased LRECL to recover all or part of the data that was truncated.

EP432  DISPLAY OF SCL, RCL, and WKL NOT SUPPORTED
Explanation: An attempt was made to issue the DISPLAY command specifying the WLM workload keywords.
System Action: None.
User Response: Use OBTAIN or EXTRACT to get this report information.

EP433  PER(IOD) CAN ONLY BE SPECIFIED WITH SERVCLAS
Explanation: An attempt was made to use the PER(IOD) keyword on a report type other than SERVCLAS.
System Action: None.
User Response: Remove the PER(IOD) keyword and issue the command or change the report type to SERVCLAS and reissue the command.

EP500  EXCLUDE INVALID WITH MULTIPLE DATASTORES
Explanation: The EXCLUDE command can only be used for one datastore per job.
System Action: EPILOG bypasses the command and terminates the job.
User Response: Use separate jobs for each datastore.

EP600  DATA RECORD MISSING
Explanation: EPILOG was unable to find a data record during processing.
System Action: EPILOG bypasses the current command.
User Response: This is an internal processing error relating to the Profile datastore; it is not a user problem. Contact Candle Customer Support.

EP610  POINTER RECORD MISSING
Explanation: EPILOG was unable to find a pointer record during processing.
System Action: EPILOG bypasses the current command.
User Response: This is an internal processing error relating to the Profile datastore; it is not a user problem. Contact Candle Customer Support.
EP620 VSAM I/O ERROR
Explanation: EPILOG was unable to complete the VSAM I/O successfully during processing.
System Action: EPILOG bypasses the current command.
User Response: This is an internal processing error relating to the Profile datastore; it is not a user problem. Contact Candle Customer Support.

EP630 NO PROFILE RECORDS MATCHED SELECTION CRITERIA
Explanation: EPILOG was unable to find a Profile datastore record that matched the user’s selection criteria.
System Action: None.
User Response: None.

EP640 NO EDS RECORDS MATCHED SELECTION CRITERIA
Explanation: EPILOG was unable to find an EPILOG datastore record that matched the user’s selection criteria.
System Action: None.
User Response: None.

EP641 CANNOT COMBINE RPGN PREV290 AND POSTV290 RECORDS
Explanation: The records format of RPGN records changed in Version 290 of EPILOG, and EPILOG cannot combine RPGN records with different formats.
System Action: EPILOG skips over the combined interval that contains mixed record formats.
User Response: Correct the time range to combine the pre-Version 290 and post-Version 290 records separately.

EP650 NO EDS ALLOCATED TO THE REPORTER. PLEASE USE THE DATASTOR ADD COMMAND TO DEFINE ANY EDSS REQUIRED.
Explanation: A command requesting EDS data has been entered, but no EDSs were allocated at initialization or all EDSs allocated to the reporter session have been dropped via the DATASTOR command.
System Action: The reporter waits for a user response.
User Response: Allocate any required EDSs via the DATASTOR ADD command.

EP651 DUPLICATE PROFILE RECORD ON PRDS
Explanation: EPILOG found a duplicate profile in the Profile datastore. The new profile is ignored.
System Action: None.
User Response: None.

EP655 TEST PROFILE - NOT WRITTEN TO PRDS
Explanation: The keyword TEST has been specified on the PROFILE command. As a result, the profile has not been written to the Profile datastore.
System Action: None.
User Response: None.
EP657  **ONLY ONE EDS RECORD FOUND. NO PLOT GENERATED**

**Explanation:** Because there was only a single EPILOG datastore record for the workload specified, no plot was generated.

**System Action:** None.

**User Response:** None.

EP660  **PROFILE NOT GENERATED. NO COMPLETED PGN TRANSACTIONS.**

**Explanation:** A PROFILE command was issued for a PGN-type workload, but no transactions were completed within the time frame and the selection criteria specified.

**System Action:** The command is ignored, and no record is written to the Profile datastore.

**User Response:** None.

EP681  **EPVSAM OPEN/ALLOCATION FAILURE**

**Explanation:** Allocation of EPVSAM DD statement’s datastore failed during reporter initialization.

**System Action:** Reporter continues to initialize using EDSLIST defined in datastores.

**User Response:** If EDSLIST entries are required, delete the EPVSAM statement in the reporter JCL. Otherwise, correct the EPVSAM statement and do not specify any EDS in the EDSLIST.

EP721  **INVALID WORKLOAD TYPE FOR PROFILING**

**Explanation:** The workload type specified is not supported by the Workload Profiling Facility. WPF does not support the use of multiple workload keywords on the PROFILE command line.

**System Action:** EPILOG bypasses the current command.

**User Response:** Specify a valid workload type.

EP730  **MVS/370 + HIGHER LEVELS OF DATA CANNOT BE MERGED**

**Explanation:** An attempt has been made to MERGE data from the MVS/370 operating system and MVS/XA™ or MVS/ESA™ operating system in a DISPLAY RDAS command.

**System Action:** The reporter waits for user response.

**User Response:** Split the MVS/370 data using the SYSID keyword so that separate panels are generated for this operating system level. For example, if SYSA and SYSB are MVS/ESA and SYSX and SYSY are MVS/370, the data can be displayed in two panels by entering

```
DISPLAY RDAS...SYSID((SYSA,SYSB,MERGE),(SYSX,SYSY,MERGE))
```

**EP731** RECORDS WITH INCOMPATIBLE RMF INTERVALS ENCOUNTERED

**Explanation:** When merging RDAS data without the COMBINE keyword, records must contain data for intervals which are the same or multiples of each other within a tolerance limit of 10%.

**System Action:** The reporter waits for user response.

**User Response:** Split the data into groups of compatible intervals with the SYSID keyword. For example, if SYSA and SYSB have RMF intervals of 15 and 30 minutes respectively and SYSX has an RMF interval of 25 minutes, the following command will display the data in two separate panels:

```
DISPLAY RDAS...SYSID((SYSA,SYSB,MERGE),(SYSX)).
```

**EP750** PRO/MVS HAD AN INTERNAL PROCESSING ERROR, CODE xxx

**Explanation:** There was an internal error encountered in PMXCPRO or PMXWPRO.

**System Action:** Processing terminates.

**User Response:** Call Candle Customer Support for assistance.

**EP751** WORKLOAD REQUIRED FOR COMPARE COMMAND

**Explanation:** No workload was specified on the COMPARE command. The COMPARE command requires that the user specify a workload to be compared.

**System Action:** EPILOG bypasses the current command.

**User Response:** Specify a valid workload.

**EP752** PNAME REQUIRED FOR COMPARE COMMAND

**Explanation:** No PNAME was specified on the COMPARE command. The COMPARE command requires that the user specify a profile name.

**System Action:** EPILOG bypasses the current command.

**User Response:** Specify a valid profile name or accept PNAME default.

**EP800** SMF CONVERT ERROR, DATA INCORRECT

**Explanation:** The current SMF record does not match the EPILOG for MVS format.

**System Action:** The EPILOG datastore load is aborted.

**User Response:** Verify that the record is a valid record produced by the EPILOG collection routines. Contact Candle Customer Support for assistance.

**EP810** SMF CONVERT ERROR, DATA TOO LONG

**Explanation:** The EPILOG datastore record is not large enough to hold the converted SMF record.

**System Action:** The EDS load is aborted.

**User Response:** Change the logical record size of the EDS. Contact Candle Customer Support for assistance.
**EP895**

**VSAM ERROR IN EDS: OPERATION = aaaaaa bbbbbb**

**Explanation:** An error occurred during the EPILOG reporter’s attempt to use an EPILOG datastore. **aaaaaa** indicates the failing VSAM operation (GET, PUT, MODCB, etc.), and **bbbbbbb** indicates the type of EPILOG record involved (DATA or POINTER). This message is always followed by EP896.

**System Action:** The reporter terminates or continues depending upon the severity of the error.

**User Response:** See message EP896.

**EP896**

**VSAM ERROR IN EDS: RC = nnn FNCN = nnn FDBK = nnn**

**Explanation:** An error occurred during the EPILOG reporter’s attempt to use an EPILOG datastore. The three values of **nnn** represent the VSAM return, function, and feedback codes from the failing operation, respectively. This message is always preceded by EP895, which identifies the failing VSAM operation and the EPILOG record type.

**System Action:** The reporter terminates or continues depending upon the severity of the error.

**User Response:** Consult the appropriate IBM VSAM reference documentation to determine the cause and severity of the error and take appropriate corrective action. For RC=8 and FDBK=152, you can resolve the problem by increasing the BUFNI and/or BUFND values in the LSRBUFFS parm member. If you are unable to fix the problem, call Candle Customer Support for assistance.

**EP905**

**ERROR READING PRDS RECORD: TYPE=n**

**Explanation:** EPILOG was unable to read a PRDS record of type **n** during PRDS PURGE processing.

**System Action:** The current PURGE PRDS command is terminated.

**User Response:** This is an internal processing error and not a user problem; contact Candle Customer Support.

**EP910**

**ERROR DELETING PRDS RECORD: TYPE=n**

**Explanation:** EPILOG was unable to delete a PRDS record of type **n** during PRDS PURGE processing.

**System Action:** The current PURGE PRDS command is terminated.

**User Response:** This is an internal processing error and not a user problem; contact Candle Customer Support.

**EP950**

**DUPLICATE ENTRY NUMBERS FOUND IN EDS KEYWORD**

**Explanation:** In a DATASTOR DROP EDS() command the same entry number was found at least once in the EDS keyword parameters.

**System Action:** The reporter waits for user response.

**User Response:** Correct the duplicate entry numbers and retry the operation.
EP951  DATASTOR COMMAND INVALID FOR MAINTENANCE PROCESSING
Explanation: The DATASTOR command was entered during KEBMAINT processing.
System Action: The DATASTOR command is ignored; KEBMAINT processing continues.
User Response: Remove the DATASTOR command from the KEBMAINT command input if in batch mode.

EP952  DATASTOR REQUIRES USE, ADD OR DROP KEYWORD
Explanation: The DATASTOR command was entered without USE, ADD, or DROP being specified as a keyword.
System Action: The reporter waits for user response.
User Response: Enter the required parameters on the EDS keyword and retry the operation.

EP953  DATASTOR REQUIRES EDS KEYWORD
Explanation: The DATASTOR command was entered without EDS being specified as a keyword.
System Action: The reporter waits for user response.
User Response: Enter the required parameters on the EDS keyword and retry the operation.

EP954  NO DATASTORES SPECIFIED ON EDS KEYWORD
Explanation: The DATASTOR command was entered without any EDS dsnames or a sequence number from the INQUIRE SUMMARY panel (in conjunction with the DROP keyword).
System Action: The reporter waits for user response.
User Response: Enter the required parameters on the EDS keyword and retry the operation.

EP955  INVALID DSN LENGTH SUPPLIED
Explanation: A dname with an invalid length was supplied as a parameter to the EDS keyword on a DATASTOR command.
System Action: The reporter waits for user response.
User Response: Correct the DSN in error and retry the operation.

EP956  SEVERE ERROR ENCOUNTERED IN EBETBAD
Explanation: An internal error occurred while trying to add an EDS to the current reporter session.
System Action: The reporter waits for user response.
User Response: Contact Candle Customer Support.

EP957  NO EDSLIST PRESENT TO DROP ENTRIES FROM
Explanation: A DATASTOR DROP command was issued when no EDSs were allocated to the current reporter session.
System Action: The reporter waits for user response.
User Response: If access to EDS data is required, you must issue a DATASTOR ADD command; otherwise, no further action is necessary.
EP958  EDS KEYWORD PARMS MUST BE NUMERIC 1–999 USING DROP
Explanation: A DATASTOR DROP command was issued and one or more of
the parameters in the EDS keyword was either non-numeric or greater than 999.
System Action: The reporter waits for user response.
User Response: Correct the erroneous parameter in the EDS keyword and
retry the operation.

EP959  EDS KEYWORD PARM(S) BEYOND LAST ENTRY IN EDSLIST
Explanation: A DATASTOR DROP command was issued and one or more of
the parameters in the EDS keyword was greater than the number of entry
sequence numbers on the INQUIRE SUMMARY panel.
System Action: The reporter waits for user response.
User Response: Correct the erroneous parameters in the EDS keyword and
retry the operation.

ETE0001  COMMAND NOT RECOGNIZED
Explanation: ETE recognized the ETE command, but the argument following
the command was not valid.
System Action: The command is not processed.
User Response: Enter the ETE command followed by a valid ETE command
argument.

ETE0002  ETE Vvvrr #nn LOADLIB=loadlib
Explanation: This is a header line for the command output, identifying the ETE
version, where rr is a release identifier for versions that have more than one
release (for example, ETE101R2), vvv is the version number (for example,
Version 500), nn defaults to 0, loadlib specifies the load library from which the
ETE modules were loaded.
System Action: None.
User Response: None. This is an informational message only.

ETE0003  COMPLETE
Explanation: This is a trailer line for the command output, indicating that ETE
completed the processing of the command. Note that the command output lines
sometimes appear on the MVS system log in a different order than ETE generated
them. Even though this message is the last one produced by the ETE subsystem in
processing the command, other lines from the command output may appear after
it on the log.
System Action: None.
User Response: None. This is an informational message only.

ETE0004  SUBSYSTEM INACTIVE
Explanation: ETE is inactive as a result of an ETE QUIESCE command. Since
most of ETE’s storage was freed, most commands cannot be meaningfully
processed.
System Action: The command is not processed.
User Response: None. This is an informational message only.
ETE0005 COLLECTOR TRACE CAPTURE INSTALL FAILURE
Explanation: The installation of the ETE capture facility subtask which supports the ETE response time collector’s diagnostic trace function failed.
System Action: ETE subsystem initialization continues.
User Response: None. This is an informational message only.

ETE0010 CANDLE SCHEDULED CSA DUMP IN PROGRESS
Explanation: The ETE dump was started.
System Action: An SVC DUMP initiated.
User Response: Wait for the dump to complete.

ETE0011 CANDLE SCHEDULED CSA DUMP COMPLETE
Explanation: The ETE dump completed.
System Action: The SVC DUMP for the ETE subsystem storage completed.
User Response: Make a tape copy of the ETE dump from the SYS1.DUMPnn dataset and contact Candle Customer Support.

ETE0013 VERBOSE MODE IS ALREADY ON
Explanation: VERBOSE mode is already in effect; the VERBOSE argument of the ETE command that was entered is discarded.
System Action: None.
User Response: None. This is an informational message only.

ETE0014 VERBOSE MODE IN EFFECT
Explanation: VERBOSE mode is now in effect.
System Action: ETE sends additional Application Program Interface (API) request messages and status to the system console.
User Response: None. This is an informational message only.

ETE0015 VERBOSE MODE IS NOT ON
Explanation: VERBOSE mode is not in effect; the NONVERBOSE argument of the ETE command that was entered is discarded.
System Action: None.
User Response: None. This is an informational message only.

ETE0016 VERBOSE MODE IS OFF
Explanation: VERBOSE mode was turned off.
System Action: ETE operates in normal API mode.
User Response: None. This is an informational message only.

ETE0017 COMMAND BUFFER COULD NOT BE ACQUIRED
Explanation: A buffer in which to format an MVS MODIFY command to the ETE address space to start the ETE diagnostic trace was not acquired.
System Action: The ETE diagnostic trace is not started.
User Response: Increase the REGION= parameter on the EXEC JCL statement of the ETE address space JCL procedure. Then terminate and restart ETE with the larger region.
ETE0018  ETE ADDRESS SPACE IS NOT EXECUTING
Explanation: The MVS MODIFY command to the ETE address space to start the ETE diagnostic trace was not submitted because the ETE address space was not executing.
System Action: The ETE diagnostic trace is not started.
User Response: Restart the ETE address space. If the ETE address space abended, ensure that a dump was obtained by including a SYSMDUMP DD statement in the ETE address space JCL procedure before calling Candle Customer Support.

ETE0019  ADHT GETMAIN FAILURE
Explanation: A GETMAIN for common storage above 16M failed.
System Action: ETE address space and subsystem initialization is aborted.
User Response: Contact Candle Customer Support.

ETE0030  VERSION ## CMD PREF STATUS INST TYPE
Explanation: This is a header line for the ETE0041 messages that follow.
System Action: None.
User Response: None. This is an informational message only.

ETE0031  Vvvvn ETEvvvn status type
Explanation: This is a detail line showing ETE system information. This message repeats for each ETE subsystem installed in the MVS operating environment. For each system, it shows

| vvv  | Version number. |
| nn   | Unique identifier (defaults to 0). |
| vvvnn | Command suffix. |
| status | Status: |
| ACTIVE | ETE either currently has users or was installed statically. |
| INACTIVE | ETE currently has no users and has become dormant, freeing almost all storage and using almost no CPU cycles. |
| type | Install type: |
| DYNAMIC | ETE will become inactive when the last user product removes itself as an ETE user. |
| STATIC | ETE remains active until terminated with the ETE QUIESCE command. |

System Action: None.
User Response: None. This is an informational message only.
ETE0040  JOBNAME ASID TCB TYPE
Explanation: This is a header line for the ETE0041 messages that follow.
System Action: None.
User Response: None. This is an informational message only.

ETE0041 job_name asid tcb_address user_type
Explanation: This message repeats for each product using the ETE subsystem processing the command. For each product, it shows
- jobname or started task name
- ASID
- TCB address
- ETE user type (CAPTURE or RSPTIME)
System Action: None.
User Response: None. This is an informational message only.

ETE0042 NO USERS FOUND
Explanation: This message is a response to the ETE USERS command and indicates that ETE has no active request for product response time monitoring.
System Action: None.
User Response: None. This is an informational message only.

ETE0050 REMOVE REQUEST: RETURN CODE=nn, SENSE CODE=xxxxxxxx
Explanation: In processing an ETE QUIESCE command, a REMOVE request created
nn Non-zero return code. See the End-to-End Return Codes appendix.
xxxxxxxx Sense code. See "REMOVE request errors" in the End-to-End Sense Codes appendix.
System Action: The ETE quiesce process continues.
User Response: Submit a copy of the MVS system log with this message, and any associated SVC DUMP and LOGREC data, to Candle Customer Support.

ETE0051 QUIESCE COMPLETE
Explanation: ETE removes itself from the MVS operating environment.
System Action: None.
User Response: Perform the activities that necessitated the removal of ETE from the MVS operating environment.

ETE0052 QUIESCE ALREADY IN PROCESS
Explanation: An ETE QUIESCE command was received while processing of a prior QUIESCE command was still in progress.
System Action: The later ETE QUIESCE command is ignored.
User Response: Wait for the initial QUIESCE command to finish.
ETE0060  PRIVATE STORAGE GETMAIN FAILURE (CRWA)
Explanation: A GETMAIN for private area storage above 16M failed.
System Action: ETE address space and subsystem initialization is aborted.
User Response: Increase the REGION= parameter on the EXEC JCL statement of the ETE address space JCL procedure; then terminate and restart ETE with the larger region.

ETE0061  TCRB MAINTENANCE MODULE LOAD FAILURE
Explanation: The load of the TCRB maintenance module from the ETE address space STEPLIB library failed.
System Action: ETE address space and subsystem initialization is aborted.
User Response: Consult the MVS system log for the reason of the load failure.

ETE0062  COMMON STORAGE GETMAIN FAILURE (CRCB)
Explanation: A GETMAIN for common storage above 16M failed.
System Action: ETE address space and subsystem initialization is aborted.
User Response: Contact Candle Customer Support.

ETE0063  COMMON STORAGE GETMAIN FAILURE (CUWX)
Explanation: A GETMAIN for common storage above 16M failed.
System Action: ETE address space and subsystem initialization is aborted.
User Response: Contact Candle Customer Support.

ETE0064  COMMON STORAGE GETMAIN FAILURE (CUWH)
Explanation: A GETMAIN for common storage above 16M failed.
System Action: ETE address space and subsystem initialization is aborted.
User Response: Contact Candle Customer Support.

ETE0065  VTAM I/O BUFFER SIZE COULD NOT BE DETERMINED
Explanation: The VTAM I/O buffer size was not determined because VTAM control blocks were either corrupted or changed by VTAM maintenance.
System Action: ETE address space and subsystem initialization is aborted.
User Response: Contact Candle Customer Support.

ETE0070  THE FOLLOWING ETE COMMANDS ARE AVAILABLE
Explanation: This is a header line for the output from the ETE HELP command.
System Action: None.
User Response: None. This is an informational message only.

ETE0071  ETE_help_information_detail_line
Explanation: This is a detail line of the output from the ETE HELP command.
System Action: None.
User Response: None. This is an informational message only.

ETE0072  SSTB SUBSYSTEM RESET SUCCESSFUL
Explanation: The ETE subsystem RESET command completed successfully.
System Action: All ETE hooks into VTAM are completely withdrawn, and all ETE storage that can be releases are released.
User Response: None. This is an informational message only.
ETE0073 VTAM INTERFACES RESTORED
Explanation: This message confirms that the ETE subsystem RESET command withdrew all ETE hooks.
System Action: All ETE hooks into VTAM have been completely withdrawn.
User Response: None. This is an informational message only.

ETE0074 UNABLE TO RESTORE VTAM INTERFACES
Explanation: The ETE subsystem RESET command was unable to withdraw ETE’s hooks, probably because additional hooks were established after ETE’s.
System Action: ETE subsystem RESET command processing terminates.
User Response: None. This message is issued in conjunction with ETE0075.

ETE0075 RESET COMMAND NOT PERFORMED
Explanation: This message confirms that ETE subsystem RESET command processing was unsuccessful.
System Action: ETE subsystem RESET command processing terminates.
User Response: Issue a system stand-alone dump and contact Candle Customer Support.

ETE0076 RESET NOT REQUIRED, SSTB SUBSYSTEM NOT FOUND
Explanation: The ETE subsystem RESET command determined that ETE’s hooks were not present.
System Action: ETE subsystem RESET command processing terminates.
User Response: None. This is an informational message only.

ETE0078 ETE DIAGNOSTIC TRACE STARTED
Explanation: The ETE subsystem TRACEON command started the ETE diagnostic trace function.
System Action: Recording of ETE diagnostic trace entries into the ETE diagnostic trace table commences.
User Response: None. This is an informational message only.

ETE0079 ETE DIAGNOSTIC TRACE STOPPED
Explanation: The ETE subsystem TRACEOFF command stopped the ETE diagnostic trace function.
System Action: Recording of ETE diagnostic trace entries into the ETE diagnostic trace table terminates.
User Response: None. This is an informational message only.

ETE0080 ETE ADDRESS SPACE COMMAND ABENDED
Explanation: An abend occurred during the processing of an ETE subsystem command.
System Action: The ETE subsystem command interface captures diagnostic information and recovers from the error.
User Response: If the ETE subsystem command abends consistently, use the MVS DUMP command to dump the ETE address space and call Candle Customer Support.
ETE0081  ETE ADDRESS SPACE STARTUP FAILED—NOT APF AUTHORIZED
Explanation: ETE address space start-up failed because ETE library is not APF-authorized.
System Action: ETE address space start-up task terminated.
User Response: Make sure the ETE library is an APF-authorized library.

ETE0082  ETE ADDRESS SPACE STARTUP FAILED—RECOVERY COULD NOT BE ESTABLISHED
Explanation: ETE address space start-up failed due to failure of the ESTAE recovery environment set up.
System Action: The ETE address space start-up task terminated.
User Response: Obtain OMEGAMON debug screen outputs and contact Candle Customer Support for diagnosis.

ETE0083  ETE ADDRESS SPACE STARTUP FAILED—UNSUPPORTED ENVIRONMENT
Explanation: ETE address space start-up failed due to unsupported MVS or ACF/VTAM environment.
System Action: The ETE address space start-up task terminated.
User Response: Make sure that the ETE library is APF-authorized. Make sure that the ACF/VTAM started and is active. Make sure that the ACF/VTAM release level is Version 3.\textit{x.x} or 4.\textit{x.x}.

ETE0084  ETE ADDRESS SPACE STARTUP FAILED—INSUFFICIENT PRIVATE STORAGE AVAILABLE
Explanation: ETE address space start-up failed due to insufficient private virtual storage.
System Action: The ETE address space start-up task terminated.
User Response: Increase private region size of the REGION parameter on the EXEC statement and restart the ETE start-up task.

ETE0086  ETE ADDRESS SPACE TERMINATED BY SUBSYSTEM QUIESCE
Explanation: The ETE address space was terminated as the result of an ETE QUIESCE command.
System Action: The ETE address space is terminated and all allocated private and ECSA storage is freed. All response time monitoring activities stop and all OMEGAMON products stop reporting response time data.
User Response: This is an informational message only. You must restart the ETE address space to resume response time monitoring.

ETE0087  ETE ADDRESS SPACE TERMINATED BY STOP COMMAND
Explanation: The ETE address space was terminated as the result of a stop command received from the MVS console.
System Action: The ETE address space is terminated and all allocated private and ECSA storage is freed. Standard response time monitoring activities performed by the OMEGAMON continue, but multi-session manager support is unavailable.
User Response: This is an informational message only. You must restart the ETE address space to resume multi-session manager support.
ETE0088  COMMAND ACCEPTED
Explanation: The MVS modify command entered from the system console was accepted.
System Action: None.
User Response: None. This is an informational message only.

ETE0089  COMPLETE
Explanation: This is the output message trailer for an ETE address space command.
System Action: None.
User Response: None. This is an informational message only.

ETE0090  ETE STARTUP INSTALL REQUEST FAILED: RC=nn, SC=xxxxxxxx
Explanation: The request to statically install ETE, resulted in

nn Non-zero return code. See the End-to-End Return Codes appendix.

xxxxxxxx Sense code. See "Install request errors" in the End-to-End Sense Codes appendix.

System Action: ETE does not install.
User Response: Submit a copy of the MVS system log with this message, and any associated SVC DUMP and LOGREC data, to Candle Customer Support.

ETE0091  ETE V500 SUCCESSFULLY INITIALIZED
Explanation: ETE was statically installed successfully. ETE will not become inactive when it has no users. You can deactivate ETE only with the ETE QUIESCE command.
System Action: None.
User Response: You can now start user products.

ETE0092  ETE V500 ADDRESS SPACE ALREADY EXECUTING
Explanation: The ETE Version 500 address space that just started is terminating because there already was an ETE Version 500 address space with the same subsystem identifier started and running. Only one ETE Version 500 address space with a specific subsystem identifier can run at a time.
System Action: The ETE Version 500 address space that just started terminates. The running ETE Version 500 address space is not affected.
User Response: None. This is an informational message only.

ETE0093  VCHT GETMAIN FAILURE
Explanation: The ETE address space start-up task could not obtain storage for the VCHT table from private virtual storage below the 16M line. The default REGION size value of your data center or the REGION size specified on the ETE start up task JCL may be insufficient.
System Action: The ETE address space terminates.
User Response: Increase the REGION size and restart the ETE address space.
ETE0094  TRACE TABLE GETMAIN FAILURE
Explanation: The ETE start-up task could not obtain ECSA storage for the diagnostic trace table. The diagnostic trace is not required for normal ETE operation.
System Action: ETE address space initialization continues. However, the diagnostic trace is disabled.
User Response: If the trace is needed for problem determination, make sure that enough ECSA storage is available and restart the ETE address space.

ETE0095  INVALID ETE ADDRESS SPACE COMMAND
Explanation: The MVS modify command entered from the MVS console is either not recognized or not supported.
System Action: None.
User Response: Make sure the command is valid and check the command syntax.

ETE0100  CANDLE job_name RSP EOT REMOVE REQUEST: RETURN CODE=nn, SENSE CODE=xxxxxxxx
Explanation: A REMOVE request issued at end-of-task failed prior to task termination. The message shows:

job_name  Jobname or started task name of the user product.
nn  Non-zero return code. See the End-to-End Return Codes appendix.
xxxxxxxx  Sense code. See "REMOVE request errors" in the End-to-End Sense Codes appendix.

System Action: None.
User Response: Make a copy of the MVS system log with this message, and any associated SVC DUMP and LOGREC data. Contact Candle Customer Support.

ETE0101  ETE COULD NOT BE STARTED. VTAM NOT INITIALIZED OR VTAM IS AT AN UNSUPPORTED LEVEL.
Explanation: ETE could not start because either VTAM was not initialized or VTAM was at an unsupported level.
System Action: ETE discontinues initialization.
User Response: If VTAM was not initialized, wait for VTAM to initialize and restart ETE. If VTAM was already initialized, call Candle Customer Support.
ETE0110  ADD FAILED FOR luname—NO MULTISESSION MGR INFO PRESENT
Explanation:  This message appears only when the ETE subsystem is in verbose mode and an ADD request failed for a virtual terminal because ETE did not collect any information about the virtual session between the virtual terminal and the application.
System Action:  The ADD request fails.
User Response:  None, if the ETE address space was started after IPL time and virtual sessions already existed at the time that it was started.
If the virtual session for which no data exists was established after the ETE address space already began to execute, contact Candle Customer Support.

ETE0111  ADD FAILED FOR luname—LU CURRENTLY IS IN CONCT STATE
Explanation:  This message appears only when the ETE subsystem is in verbose mode and an ADD request failed for a switched LU which is currently not connected to the network.
System Action:  The ADD request fails.
User Response:  None. This is an informational message only.

ETE0112  ADD REQUEST FAILED—ETE ADDRESS SPACE IS NOT EXECUTING
Explanation:  This message appears only when the ETE subsystem is in verbose mode and an ADD request failed because the ETE address space is not executing.
System Action:  The ADD request fails.
User Response:  Restart the ETE address space. If the ETE address space abended, ensure that a dump was obtained by including a SYSMDUMP DD card in the ETE address space JCL procedure before contacting Candle Customer Support.

ETE0113  ETE request REQUEST FAILED: RC=xxxxxxxx, SC=xxxxxxxx
Explanation:  An automatic ADD or DELETE request invoked by the session monitor facility failed with the reported return and sense codes. This message is issued only in verbose mode.
System Action:  The ADD or DELETE request fails.
User Response:  If the Session Monitor command abends consistently, use the MVS DUMP command to dump the ETE address space and call Candle Customer Support.

ETE0114  ATTACH OF COMMAND INTERFACE SUBTASK FAILED
Explanation:  The ETE address space command interface subtask attach failed.
System Action:  ETE address space and subsystem initialization is aborted.
User Response:  Contact Candle Customer Support.

ETE0115  ATTACH OF TCRB MAINTENANCE SUBTASK FAILED
Explanation:  The ETE address space TCRB/XLE maintenance subtask attach failed.
System Action:  ETE address space and subsystem initialization is aborted.
User Response:  Contact Candle Customer Support.
ETE0116  IDENTIFY OF TCRB MAINTENANCE SUBTASK E.P. FAILED
Explanation: The ETE address space TCRB/XLE maintenance subtask entry point identify failed.
System Action: ETE address space and subsystem initialization is aborted.
User Response: Contact Candle Customer Support.

ETE0117  ADD FAILED, SLU=sluname PLU=pluname RC=xxxxxxxx SC=xxxxxxxx
Explanation: An ADD request failed for the reason specified in the displayed return code and sense code. This message is issued only in verbose mode.
System Action: The ADD request fails.
User Response: Respond as the return and sense codes indicate. See "ADD request errors" in the End-to-End Sense Codes appendix.

ETE0120  LOCATE FOR MODULE module_name ENTRY POINT entry_point_name
Explanation: A required VTAM module was successfully located.
System Action: Processing continues.
User Response: None. This is an informational message only.

ETE0121  LOCATE FOR MODULE module_name FAILED
Explanation: ETE was unable to locate a required VTAM module.
System Action: ETE start-up fails.
User Response: Contact Candle Customer Support.

ETE0122  UNABLE TO LOCATE VTAM MODULE TABLE
Explanation: ETE experienced an internal error while locating a required VTAM module.
System Action: ETE start-up fails.
User Response: Contact Candle Customer Support.

ETE0123  KETAEVML GETMAIN FAILURE
Explanation: ETE was unable to getmain enough working storage.
System Action: ETE start-up fails.
User Response: Increase the region parameter on the ETE start-up JCL. If symptom persists, contact Candle Customer Support.

ETE0200  DR EXCLUSION LIST PROCESSING COMPLETE. RC=xxxxxxxx
Explanation: ETE completed processing the device DR exclusion list option for the ETE address space.
System Action: ETE address space initialization continues.
User Response: See previous messages issued for diagnosis.

ETE0201  OPEN FAILED RKANPAR DATASET MEMBER mbrname
Explanation: ETE is unable to process member mbrname in the RKANPAR partitioned dataset because of an open error.
System Action: ETE address space initialization continues.
User Response: Determine the cause of the open error. For example, check dataset specifications and security authorization.
ETE0202 DR EXCLUSION LIST KETXDLDR NOT FOUND
Explanation: ETE is unable to process the device DR exclusion list in the RKANPAR partitioned dataset because it was not found.
System Action: ETE address space initialization continues.
User Response: None.

ETE0203 I/O ERROR ENCOUNTERED PROCESSING RKANPAR DATASET MEMBER mbname
Explanation: ETE is unable to process member mbname in the RKANPAR partitioned dataset because an I/O error was encountered.
System Action: ETE address space initialization continues.
User Response: Determine cause of the I/O error. For example, check dataset specifications and security authorization.

ETE0204 SYNTAX ERROR ENCOUNTERED PROCESSING DR EXCLUSION LIST KETXDLDR
Explanation: ETE is unable to process the device exclusion list in the RKANPAR partitioned dataset because of a device name specification error.
System Action: ETE address space initialization continues.
User Response: Ensure that member KETXDLDR in the RKANPAR PDS is syntactically correct.

ETE0205 ESQA STORAGE GETMAIN ERROR (DXLHT)
Explanation: A GETMAIN request for ESQA storage failed.
System Action: ETE address space initialization continues.
User Response: Increase the ESQA storage and restart the ETE address space.

ETE0206 INVALID DXLHT ENCOUNTERED
Explanation: An internal logic error occurred in the ETE address space.
System Action: ETE address space abends with U700.

ETE0207 ESQA STORAGE GETMAIN ERROR (DXLHTE)
Explanation: A GETMAIN request for ESQA storage failed.
System Action: ETE address space initialization continues.
User Response: Increase the ESQA storage and restart the ETE address space.

ETE0208 INVALID DXLHTE ENCOUNTERED
Explanation: An internal logic error occurred in the ETE address space.
System Action: ETE address space abends with U701.
ETE0209  DXLHTE=address SLUNAME=sluname
Explanation: Output display from the diagnostic command DUMPDXL where address is the address of the DXLHTE and sluname is the SLUNAME of the device in the device exclusion list.
System Action: None.
User Response: None. This is an informational message only.

ETE0210  DR EXCLUSION LIST PROCESSING FAILED: RC=xxxxxxxx SC=xxxxxxxx
Explanation: ETE is unable to process the device exclusion list in the RKANPAR partitioned dataset.
If RC=4, these sense codes are returned:

X'00000004' Insufficient private memory. Increase the REGION= parameter on the EXEC JCL statement of the ETE address space JCL procedure. Terminate and restart the ETE address space with the larger region.
X'00000008' RKANPAR partitioned dataset not allocated to the ETE address space.
X'0000000C' KETXDLDR not found in the RKANPAR partitioned dataset.

If RC=8, these sense codes are returned:

X'00000004' Open failed for RKANPAR dataset.
X'00000008' I/O error occurred processing RKANPAR dataset.
X'0000000C' Abend occurred processing RKANPAR dataset.
X'00000010' ESTAE failed processing RKANPAR dataset.

If RC=C, these sense codes are returned:

X'00000004' GETMAIN failed for DXLHT.

If RC=10, these sense codes are returned:

X'00000004' GETMAIN failed for DXLHTE.
X'00000008' Syntax error occurred while parsing KETXDLDR.
X'0000000C' Abend occurred while parsing KETXDLDR.
X'00000010' GETMAIN failed for private memory while parsing KETXDLDR.
X'00000014' ESTAE failed while parsing KETXDLDR.

System Action: ETE address space initialization continues.
User Response: See previous messages issued for diagnosis.
ETE0211  RC=xxxxxxxx hexsluname length position  
**Explanation:** Output display following ETE0204 output with the following diagnostic information.

xxxxxxx  Return code which may be:

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00000008</td>
<td>Internal error</td>
</tr>
<tr>
<td>0000000C</td>
<td>Invalid SLUNAME specification</td>
</tr>
<tr>
<td>00000010</td>
<td>Invalid SLUNAME specification</td>
</tr>
<tr>
<td>00000014</td>
<td>Invalid SLUNAME specification</td>
</tr>
<tr>
<td>00000018</td>
<td>Internal error</td>
</tr>
<tr>
<td>0000001C</td>
<td>Internal error</td>
</tr>
</tbody>
</table>

hexsluname  Hexadecimal representation of failing SLUNAME operand.

length  Length of failing operand.

position  Position of failing operand in KETXDLDR member data record.

**System Action:** None.
**User Response:** None.

ETE0212  NO EXCLUDED DEVICES FOUND  
**Explanation:** The DUMPDXL command was issued, but no excluded devices are specified in the ETE address space.

**System Action:** None.
**User Response:** None. This is an informational message only.

ETE0220  ETE SUPPORT IN CICS ADDRESS SPACE (asid) IS ENABLED  
GA(gwaaddr) GAL(gwalen).  
**Explanation:** CICS SEND exit (XZCOUT) for ETE support is enabled where GA represents the address of the global work area, and GAL represents the length of the global work area.

**System Action:** None.
**User Response:** None. This is an informational message only.

ETE0221  ETE SUPPORT IN CICS ADDRESS SPACE (asid) IS DISABLED  
**Explanation:** CICS SEND exit (XZCOUT) for ETE support is disabled.

**System Action:** None.
**User Response:** None. This is an informational message only.

ETE0222  INVALID PARAMETER FOR KETX TRANSACTION IN CICS ADDRESS SPACE (asid). SPECIFY ENABLE, DISABLE, OR STATUS.  
**Explanation:** User entered KETX with unrecognized parameter. The only supported parameters for this transaction are ENABLE, DISABLE, and STATUS.

**System Action:** Transaction is ignored.
**User Response:** Reenter transaction with correct parameter.
ETE0223  **ENABLING OF ETE SUPPORT IN CICS ADDRESS SPACE (asid) HAS FAILED. RC(xxxx).**

**Explanation:** Error occurred during exit enable process. RC represents EIBRCODE value after CICS ENABLE command, which is documented in the CICS documentation set.

**System Action:** CICS SEND exit is not enabled.

**User Response:** Consult CICS documentation or notify your CICS administrator. If the problem persists, contact Candle Customer Support.

ETE0224  **DISABLING OF ETE SUPPORT IN CICS ADDRESS SPACE (asid) HAS FAILED. RC(xxxx).**

**Explanation:** Error occurred during exit disable process. RC represents EIBRCODE value after CICS DISABLE command, which is documented in the CICS documentation set.

**System Action:** CICS SEND exit is not disabled.

**User Response:** Consult CICS documentation or notify your CICS administrator. If the problem persists, contact Candle Customer Support.

ETE0225  **ERROR WHEN EXTRACTING STATUS OF KETXCOUN EXIT IN CICS ADDRESS SPACE (asid). RC(xxxx).**

**Explanation:** Error occurred during extraction of the status of ETE support in CICS. RC represents EIBRCODE value after CICS EXTRACT command, which is documented in the CICS documentation set.

**System Action:** None.

**User Response:** Consult CICS documentation or notify your CICS administrator. If the problem persists, contact Candle Customer Support.

ETE0226  **ERROR IN CIHT PARAMETER SPECIFICATION**

**Explanation:** An invalid CIHT size value was entered in the PARM field on the EXEC statement in the ETE start-up JCL.

**System Action:** ETE address space initialization continues. The default CIHT size is used.

**User Response:** Specify correct value for CIHT size and restart ETE if the default size is not sufficient.

ETE0227  **SHUTDOWN CANNOT BE COMPLETED. DISABLE ETE SUPPORT IN EVERY CICS ADDRESS SPACE. THEN REPLY ‘Y’ TO SHUTDOWN.**

**Explanation:** ETE shutdown routine detected that some CICS address spaces did not free ETE resources at the request of ETE. This abnormal situation can happen if a CICS address space with enabled ETE support abended.

**System Action:** Waits for operator reply.

**User Response:** Use CICS transaction KETX DISABLE in every CICS address space to disable ETE support. Then reply ✧ to allow ETE to terminate. If there are other active ETE address spaces, shut them down before disabling ETE support in the CICS address spaces.

Enable ETE support in every CICS address space before restarting ETE.
ETE0228  CIHT GETMAIN FAILURE
Explanation: GETMAIN for common storage above 16M failed.
System Action: ETE address space and subsystem initialization is aborted.
User Response: Contact Candle Customer Support.

ETE0229
xxxxxxx xxxxxxxxx xxxxxxxxx xxxxxxxxx
Explanation: Output display at initiating terminal and at master console from
CICS transaction KETX DIAGNOSE. The four hexadecimal values displayed are
for Candle diagnostic purposes only.
System Action: None.
User Response: Give values to Candle Customer Support if requested.

ETE0230  ENABLING OF ETE SUPPORT IN CICS ADDRESS SPACE(ASID) HAS
FAILED. CICS RELEASE nn IS NOT SUPPORTED.
Explanation: ETE does not currently support CICS release nn.
System Action: CICS SEND exit is not enabled.
User Response: Contact Candle Customer Support.

ETX910  EPILOG IMS COLLECTOR FAILED TO OBTAIN TRANSACTION
STATISTICS CELL
Explanation: The RTXU collector called the MVS GETCELL service to obtain a
cell in which to store data. The GETCELL routine returned a nonzero return code.
System Action: The EPILOG collector terminates with a U0150 abend.
User Response: Restart the EPILOG collector and see if it recurs. If the
message persists, call Candle Customer Support.

ETX920  EPILOG/IMS TRANSACTION STATISTICS RECORD IS TRUNCATED
Explanation: The VSAM record being written is longer than the maximum
VSAM record length specified.
System Action: Processing continues.
User Response: Redefine the EPILOG datastore with a larger record length.
See the product installation documentation for details.