SHADOW®

OS/390

WEB SERVER™

MESSAGES GUIDE

NEON
S Y S T E M S, I N C.

Contents

About this Publication

This book describes the messages produced by Shadow OS/390 Web Server during its course of operation.

How this Publication is Organized

This book contains the following sections:

- "Introduction," contains information about the messages including their types and format.

- "Messages," contains a complete listing of all produced messages.

- "Dynamic to Static Analyzer Messages," provides a listing of all dynamic to static analyzer messages, along with the contents and an explanation of each message, and any recommended actions.

- "Options," provides a listing of the options messages, along with the contents and an explanation of each message, and any recommended actions.

- "Tracefiles," lists the tracefile messages, as well as the contents and an explanation of each message.

Conventions

This book contains the following highlighting conventions:

BOLD CAPS

Identifies commands. For example:

Use the **KEYS** command to ...

Text enclosed in single quotes denotes library, data set, and DD names.
For example:

`'SLDSYSIN'     'PLUSIN'     'RESLIB'`

`Monospace`

Identifies code examples, screen prompts, and messages, as well as directory paths. For example:

`//STEP010    EXEC  PGM=NDBA2400`

`Monospace Italics`

Identifies information you must provide at a screen prompt or in a text field. For example:

`PARM='PARMLIB=your.parmlib'`

<KEY>   Identifies the key to press. For example:

<ENTER>

NEON Systems, Inc. uses *Release.Version* to identify software packages. For example, *Product 4.1*, denotes the fourth release, first revision of the software.

Reader's Comments

At NEON Systems, Inc. we are always looking for good ideas. If you have any comments or suggestions regarding any of our publications, please complete the Reader's Comment form (located at the back of this book) and return it to NEON, Attention: Technical Publications Department.

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You can also send comments to directly to our Technical Publications department via the following e-mail address: **documentation@neonsys.com**.

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▷ ***Note:***
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Year 2000 Compliancy Statement

The following products from NEON Systems, Inc., are Year 2000 ready.

- **Enterprise Security Management Products**
- **Enterprise Subsystem Management Product Family**
- **Shadow® Product Family and Add-On Components**

The mainframe code for the Shadow Product Family, Version 3.1 and all subsequent versions, are Y2K ready.

All versions of the client code associated with Shadow® Direct™ and Shadow Enterprise Direct® are Y2K ready.

These products use four-digit year values both internally and externally (although, in a few cases, two-digit year values are displayed while four-digit year values are maintained internally).

▷ ***Note:***
While Shadow Direct, Shadow® OS/390 Web Server™, and Shadow Enterprise Direct are Y2K ready, customers should be aware that these products can provide access to data sources that may not be Y2K ready.

Working with Technical Support

NEON Systems, Inc. provides a number of ways for you to obtain assistance for our products. All product support inquiries are handled by the same support group, regardless if you are a trial or a licensed customer. The following are available support options:

Support Option	How to Access	How it Works	This Option is Best for:
E-mail	To contact Technical Support via e-mail: **support@neonsys.com** Email is available for receipt 24 hours a day, 7 days a week and is answered between 9AM-7PM CST Monday through Friday.	Email goes to the support queue, which is continuously monitored by a staff of cross-functional technical experts. It is answered in the order it is received. It is logged in the support database and assigned a trouble ticket number for tracking purposes.	This type of support is excellent for low to medium priority requests. It is a proven method for providing further information on critical problems that may have been phoned in. Email is a convenient way of sending us a list of lower priority items you have collected at a time that is convenient for you.
Phone	To contact Technical Support, please call: **1-800-505-6366** (U. S. and Canada) **1-281-491-4200** (outside North America)	During normal working hours you will be transferred to someone who can usually answer your question on the first call. You may be required to page a support person via our phone mail system after hours.	This type of support is best for high priority requests and initial installation questions. Use this option for any obvious system errors or anytime you need the most rapid reply to your question.
Internet	To access Internet support, please visit our Web site at: **www.neonsys.com**	Simply visit our Web site. NEON Systems works to keep current, relevant materials on our Web site to support our trial and licensed customers.	This option provides immediate access to documentation, updated client-side drivers, and our product Knowledge Base. The Knowledge Base is a collection of questions answered by support. Use this option to answer your own questions or to get a better understanding of what customers ask on an ongoing basis.
Account Manager	To contact your NEON Systems Sales Representative, please call: **1-800-505-6366** (U. S. and Canada) **1-281-491-4200** (outside North America)	Your Sales Representative is your account manager. This person is ultimately responsible for your complete satisfaction with NEON Systems, Inc.	Contact your Sales Representative for pricing information, contract details, password renewal or if you feel your needs are not being met.

Introduction

Types of Messages

Shadow OS/390 Web Server produces many useful messages during the course of its operation. The type of message produced depends upon which component is issuing the message. There are four types of messages.

ISPF

The ISPF/SDB application is the only component of *Shadow OS/390 Web Server* that produces ISPF messages. ISPF messages appear in the upper right hand corner of a display. ***These messages are not documented in this manual***. If you require additional information on an ISPF message, use PF 1 to display the long version of the message.

WTO

The main address space of *Shadow OS/390 Web Server* produces Write-To-Operator messages. These messages appear on the system console and in the system log. Most of the messages produced by *Shadow OS/390 Web Server* fall into this category.

WTP

The ISPF/SDB application and the Shadow DSN and Shadow CAF components produce Write-To-Programmer messages. These messages appear on the user's TSO terminal in line mode.

Both the WTO and WTP type messages are documented in this volume.

Format

Shadow OS/390 Web Server messages have the following format:

```
Spsnnnnc text
```

Where:

p   is the product code: "W" for Shadow OS/390 Web Server.

s   is the last (fourth) character of the Shadow subsystem name. The default for Shadow OS/390 Web Server is "S" as the default subsystem name is "SWSS".

If the Shadow OS/390 Web Server subsystem name is "SWSL", the message prefix will be "SWL".

▷ ***Note:***
This Message Guide assumes the default value has been used, so all
messages in this book will be presented as "SWS".

nnnn   The message serial number.

c   The severity code of the message. The following values are possible:

- **I**: Informational message. No action required.
- **W**: Warning message. Processing continues, but some
  assumptions (perhaps erroneous) are made.
- **E**: Error message. Some product functionality is lost.
- **S**: Severe error message. The functionality of a product sub-
  component is lost.
- **H**: Hardcopy messages.
- **R**: Reply (WTOR) messages.
- **T**: Trace messages. Trace messages also appear in the Trace
  Browse log.

text   The text of the message. The message can contain fixed and variable
              information. Fixed information is shown in all uppercase letters.
              Variable information is shown in all lowercase letters.

Message Variable Data

Many messages in this manual contain variable information. There are two types
of variable information:

Built-in Variable Data

Built-in variable data is drawn from information that is always available to
messages. The names and definitions of these variables are:

- **ad:** The address from which OPSNMG (the message module) was called. The
  following format is used:

  `CSECTNAME+OFFSET`

  ▷ This is equivalent to **cs**+**of**. See below.

- **cs:** The CSECT name of the module that called OPSNMG.
- **d1:** The date in *yy/mm/dd* format.
- **d2:** The date in *month day, year* format.
- **jb:** Jobname of the caller.
- **js:** The primary Job Entry Subsystem (JES).
- **of:** The offset within the calling module where OPSNMG was called.
- **pd:** The product name.

- **ss:** The subsystem name.
- **t2:** The time in *hh.mm.ss* format.

Local Variable Information

Local variable information is specific to a particular message. The definitions for local variables may be found in the message entries themselves.

Messages

SWS0001U desc GETMAIN FAILED - INCREASE MEMORY SIZE

Explanation: Insufficient storage - The product was unable to obtain enough storage to allocate the initial program stack.

Action: Check the ABEND code to determine if the region size should be increased. Increase the region size if necessary, and restart the product.

The variable fields of the message text are:

desc   description

SWS0002S parm IS errdesc - desc

Explanation: This message indicates a problem with the parameter string that was passed to the main started task entry point. Execution is terminated.

Action: Correct the error that is indicated in the error message and re-start the product.

The variable fields of the message text are:

parm   parameter
errdesc   error description
desc   description of correction

SWS0004S parm IS errdesc

Explanation: This message indicates a problem with the parameter string that was passed to the main started task entry point. Execution is terminated.

Action: Check to make sure that a parameter string is being passed (using PARM=) in the started task JCL. The parameter string should contain at least "INIT,ssn" where ssn is the 4 character subsystem name (e.g. S___). Correct the error and re-start the product.

The variable fields of the message text are:

parm   parameter
errdesc   error description

SWS0005S parm 'val' IS errdesc

Explanation: This message indicates a problem with the parameter string that was passed to the main started task entry point. Execution is terminated.

Action: Check to make sure that the execution option (the first parameter in PARM=) is "INIT". This is the only valid value. Correct the error and re-start the product.

The variable fields of the message text are:

parm	parameter
val	the value that was passed
errdesc	error description

SWS0006S PRODUCT NOT APF AUTHORIZED, EXECUTION TERMINATING

Explanation: This message is issued if the product detects that it is not APF authorized. The main product address space will terminate immediately.

Action: Check if all of the STEPLIB data sets are APF authorized. Note, that all of the data sets must be APF authorized, not just the data set containing the product load modules. Fix the STEPLIB data sets and restart the product.

SWS0007S ss field IS errdesc

Explanation: The product tried to initialize or re-initialize a system control block (the SSCT). The system control contained a field with an invalid value. This error will cause product initialization to terminate.

Action: Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the error, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

field	SSCT field name
errdesc	error description

SWS0008S PRODUCT CAN NOT EXECUTE IN BATCH, EXECUTION TERMINATING

Explanation: This message is issued if the product detects that it is running in batch. The main product address space will terminate immediately.

Action: The product can not run as a batch job. The product must execute as a started task. Install the product as a started task, and restart the product.

SWS0009S EXECUTION DEQUEUE FAILED - CONTACT SYSTEMS

Explanation: Some type of error occurred while the product was releasing the execution enqueue. The execution enqueue is used to prevent more than one copy of the product from using a single subsystem ID. Multiple copies of the product can execute concurrently so long as each copy uses a different subsystem ID.

Action: Check the error messages associated with this problem. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved, contact NEON Systems to obtain additional assistance.

SWS0010H mod/func EXECUTION text

Explanation: This message is used to trace product initialization. A message is issued before and after the execution of each initialization routine.

Action: There is no action for this message. This message is only used for trace and debugging purposes.

The variable fields of the message text are:

mod	module name
func	current function code
text	text of the message

SWS0013S SSCT LOCATE ERROR - CONTACT SYSTEMS PRO-GRAMMING

Explanation: The product tried to find the current subsystem ID in the subsystem control block chain. A loop was found in the subsystem control block chain.

Action: This is a serious error that may cause other components of the system to fail. If the system is having other problems (such as loop errors), try to resolve the other problems before restarting the product. If the product is the only component experiencing any difficulty, contact NEON Systems technical support to obtain additional assistance.

SWS0015S %PX-js SUBSYSTEM ss WAITING FOR EXECUTION ENQ

Explanation: Each active copy of the product must use a different subsystem ID. This restriction is enforced using the product execution enqueue. The product execution enqueue contains the current subsystem ID, so that multiple copied of the product can execute if each copy uses a different subsystem ID. A new copy of the ss subsystem has been started and is attempting to get the execution enqueue. The execution enqueue for subsystem ss is already held by a copy of the product.

Action: Either cancel the newly started ss subsystem that is waiting on the execution enqueue or stop the currently active copy of the ss subsystem. Stopping the currently active copy of the ss subsystem will allow the new copy of the ss subsystem to complete initialization and start execution. The new copy of the ss subsystem may have to be stopped using the 'ASID' keyword of the CANCEL command.

SWS0016S EXECUTION ENQ ERROR - CONTACT SYSTEMS PRO-GRAMMING

Explanation: Each active copy of the product must use a different sub-system ID. This restriction is enforced using the product execution enqueue. The product execution enqueue contains the current subsystem ID, so that multiple copies of the product can execute if each copy uses a different subsystem ID. The product tried to obtain the execution enqueue. The ENQ macro failed.

Action: Check the error messages associated with this problem. There may be one or more ENQ/DEQ error messages referring to the current problem. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems to obtain additional assistance.

SWS0021S ABEND ERROR abcd REASON rscd AT mod+off

Explanation: A serious ABEND occurred during product initialization, execution, or termination. The ABEND was not recoverable, and the product was forced to terminate.

Action: Check the ABEND code and any related ABEND messages. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems product support to obtain additional assistance. Please note the exact contents of the above error message and any other error messages associated with the product failure.

The variable fields of the message text are:

abcd	ABEND code
rscd	reason code
mod	module name
off	module offset

SWS0022S FIRST 3 CHARACTERS OF SUBSYSTEM NAME MUST BE 'subsysid'

Explanation: Each copy of the product must use a unique subsystem ID string. The default subsystem ID is specified in the started task procedure or it can be specified in the start command used to start the product. In either case, the subsystem ID string must always be exactly four characters long, and the first three characters must be 'S__'.

Action: Fix the subsystem ID string used to start the product by modifying the product started task procedure or by changing the product start command. Restart the product using a valid subsystem ID string.

The variable fields of the message text are:

subsysid   subsystem identifier

SWS0023S SUBSYSTEM NAME MUST BE FOUR (4) CHARACTERS LONG

Explanation: Each copy of the product must use a unique subsystem ID string. The default subsystem ID is specified in the started task procedure or it can be specified in the start command used to start the product. In either case, the subsystem ID string must always be exactly four characters long.

Action: Fix the subsystem ID string used to start the product by modifying the product started task procedure or by changing the product start command. Restart the product using a valid subsystem ID string.

SWS0024S LAST CHARACTER OF SUBSYSTEM NAME MUST BE ALPHABETIC

Explanation: Each copy of the product must use a unique subsystem ID string. The default subsystem ID is specified in the started task procedure or it can be specified in the start command used to start the product. In either case, the subsystem ID string must always be exactly four characters long.

Action: Fix the subsystem ID string used to start the product by modifying the product started task procedure or by changing the product start command. Restart the product using a valid subsystem ID string.

SWS0025S %PM NOT LICENSED FOR EXECUTION BY FEATURE CODE

Explanation: The license code does not contain the feature codes needed for the product. Each NEON Systems product requires a license code with one or more feature codes. The license code you are using does not have at least one feature code needed to run the product.

Action: Check if the license code has been correctly set by the initialization exec. If the license code has been correctly set, contact the NEON Systems sales department to obtain a NEW license code with the required feature codes.

SWS0026S ss NOT AUTHORIZED FOR THIS CPU, LICENSE VIOLATION DETECTED, EXECUTION TERMINATING

Explanation: The current system is not authorized to run the product. Systems are authorized to run NEON Systems software products using product codes. A product code enables a CPU to run one or more products, with one or more feature codes. The product is not licensed to run on the current CPU. This may be a violation of your license agreement.

Action: Check if the product code has been correctly set by the initialization exec. If the product code has been correctly set, contact NEON Systems technical support to obtain a NEW product code. If you are running the product on a emergency backup CPU, contact NEON Systems for a new product license code as soon as possible.

SWS0027S MVS/370 NOT SUPPORTED

Explanation: The product checked the host system and found that the host system is some version of MVS/370. The product does not support MVS/370.

Action: The product only supports MVS/XA and MVS/ESA. MVS/XA or MVS/ESA will have to be installed before the product can be used.

SWS0028S PRODUCT CODE 'pdcd' IS INVALID

Explanation: The current system is not authorized to run the product. Systems are authorized to run NEON Systems software products using product codes. A product code enables a CPU to run one or more products, with one or more feature codes. The current product code is invalid because either the check digit did not match or some other consistency error was detected.

Action: Check if the product code has been correctly set by the initialization exec. If the product code has been correctly set, contact NEON Systems technical support to obtain a NEW product code. Note, that this error may have been caused by a transcription error of some kind.

The variable fields of the message text are:

pdcd   product code string

SWS0029S ss NOT AUTHORIZED FOR THIS CPU, LICENSE VIOLATION DETECTED, EXECUTION CONTINUES

Explanation: The current system is not authorized to run the product. Systems are authorized to run NEON Systems software products using product codes. A product code enables a CPU to run one or more products, with one or more feature codes. The product is not licensed to run on the current CPU. This may be a violation of your license agreement. Note, that the product will continue to execute in any case to allow for data center emergencies.

Action: Check if the product code has been correctly set by the initialization exec. If the product code has been correctly set, contact NEON Systems technical support to obtain a NEW product code. If you are running the product on a emergency backup CPU, contact NEON Systems for a new product license code as soon as possible.

SWS0030S %PM WILL EXPIRE ON THIS CPU IN days DAYS

Explanation: The current product's license or trial will expire in the number of days depicted in the error message. Systems are authorized to run NEON Systems software products using product codes. A product code enables a CPU to run one or more products, with one or more feature codes, for a finite period of time. The product code which was set by the initialization exec indicates that the product license or trial will expire shortly.

Action: Check if the product code has been correctly set by the initialization exec. If the product code has been correctly set, contact NEON Systems technical support to obtain a NEW product code.

The variable fields of the message text are:

days   number of days

SWS0031E %PM WILL EXPIRE ON THIS CPU IN days DAYS

Explanation: The current product's license or trial will expire in the number of days depicted in the error message. Systems are authorized to run NEON Systems software products using product codes. A product code enables a CPU to run one or more products, with one or more feature codes, for a finite period of time. The product code which was set by the initialization exec indicates that the product license or trial will expire shortly.

Action: Check if the product code has been correctly set by the initialization exec. If the product code has been correctly set, contact NEON Systems technical support to obtain a NEW product code.

The variable fields of the message text are:

days   number of days

SWS0032S %PM HAS EXPIRED ON THIS CPU, LICENSE VIOLA-TION DETECTED, EXECUTION TERMINATING

Explanation: The current product's license or trial has expired. Systems are authorized to run NEON Systems software products using product codes. A product code enables a CPU to run one or more products, with one or more feature codes, for a finite period of time. The product code which was set by the initialization exec indicates that the product license or trial has expired.

Action: Check if the product code has been correctly set by the initial-ization exec. If the product code has been correctly set, contact NEON Systems technical support to obtain a NEW product code.

SWS0033S PRODUCT CODE PREFIX 'fmcd' IS INVALID

Explanation: The current system is not authorized to run the product. Systems are authorized to run NEON Systems software products using product codes. A product code enables a CPU to run one or more prod-ucts, with one or more feature codes. The current product code contains an invalid product family code prefix.

Action: Check if the product code has been correctly set by the initial-ization exec. If the product code has been correctly set, contact NEON Systems technical support to obtain a NEW product code.

The variable fields of the message text are:

fmcd   family code prefix string

SWS0034S %PM FEATURE CODE 'feat' NOT AUTHORIZED rsrce

Explanation: The current system is not authorized to run the product. Systems are authorized to run NEON Systems software products using product codes. A product code enables a CPU to run one or more products, with one or more feature codes. The current product code does not provide the feature code needed to execute the product.

Action: Check if the product code has been correctly set by the initialization exec. If the product code has been correctly set, contact NEON Systems technical support to obtain a NEW product code.

The variable fields of the message text are:

feat	feature code
rsrce	resource name value

SWS0035S ss HAS EXPIRED ON THIS CPU, LICENSE VIOLATION DETECTED, EXECUTION CONTINUES

Explanation: The current product's license or trial has expired. Systems are authorized to run NEON Systems software products using product codes. A product code enables a CPU to run one or more products, with one or more feature codes, for a finite period of time. The product code which was set by the initialization exec indicates that the product license or trial has expired.

Action: Check if the product code has been correctly set by the initialization exec. If the product code has been correctly set, contact NEON Systems technical support to obtain a NEW product code.

SWS0036S service OF desc FAILED, RC=rc, DETECTED AT ad

Explanation: This is a generic error message used to describe a wide variety of product initialization, execution, and termination errors. The message text provides the current operation and what the current operation was trying to do.

Action: Check the error messages and the return code associated with this problem. There may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems to obtain additional assistance.

The variable fields of the message text are:

service	current operation, GETMAIN, FREEMAIN, ATTACH etc.
desc	description
rc	return code

SWS0037E servrtn errdesc FAILED, RC=rc, DETECTED AT ad

Explanation: Some type of service routine (operating system or product specific) failed. The error message identifies the service routine and the type of error.

Action: Check the full text of the error message and fix the program that calls the application program interface, if need be.

The variable fields of the message text are:

servrtn	service routine
errdesc	error description
rc	return code

SWS0038S service OF desc FAILED, RC=rc, REASON=rscd, DETECTED AT ad

Explanation: This is a generic error message used to describe a wide variety of product initialization, execution, and termination errors. The message text provides the current operation and what the current operation was trying to do.

Action: Check the error messages and the return code associated with this problem. There may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems to obtain additional assistance.

The variable fields of the message text are:

service	current operation, GETMAIN, FREEMAIN, ATTACH etc.
desc	description
rc	return code
rscd	reason code

SWS0040S cb CONTROL BLOCK AT addr text

Explanation: This message is used to describe control block errors. The error may be an invalid tag, invalid length, or some other error. The control block could not be used because of the error.

Action: Check the error messages associated with this problem. There may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems to obtain additional assistance.

The variable fields of the message text are:

cb	control block
addr	address
text	text of the message

SWS0041H msg

Explanation: This message is not an error message. The current message is used to write the output from the product initialization CLIST (OPSTART1) onto the system hardcopy log.

Action: Check the hardcopy messages for any indication of a product initialization error. In most cases, there will not be any indication of an error. If an error has occurred, resolve the problem and restart the product. Contact NEON Systems technical support if the problem recurs.

The variable fields of the message text are:

msg   Message or message text

SWS0043H text

Explanation: This message is used to print out various internal control blocks, the contents of processor registers, and other hexadecimal information.

Action: If there are other messages indicating an error, use this message in conjunction with them to determine the cause of the problem. If there is a problem and you are unable to resolve it, contact NEON System technical support.

The variable fields of the message text are:

text   text of the message

SWS0044S desc FREEMAIN FAILED

Explanation: Storage release error - the product was unable to free a section of storage.

Action: Check the ABEND code to determine the cause of the error. Make any needed changes to resolve the problem and restart the product.

The variable fields of the message text are:

desc   description

SWS0045S TASK OR EXIT mod CAN NOT BE EXECUTED

Explanation: A product macro can not be used because the product control blocks are inconsistent. This macro is used to initialize a task or an exit. The task or exit will not be able to execute.

Action: This error should only occur during product termination or if the main product address space is not executing. If this error occurs at any other time, contact product support. The main product address space will have to be resarted if this error is reported.

The variable fields of the message text are:

mod   module name

SWS0046W INITIALIZATION PROCEDURE var1 OR IRXJCL ENDED WITH CONDITION CODE var2 - PROCESSING CONTINUES

Explanation: IRXJCL was attached to execute the initialization procedure. The reported non-zero condition code was set after execution.

Action: Check the initialization exec for REXX-language errors which might cause the return code to be set. It may be impossible to distinguish between IRXJCL's return code and the return code set by the procedure.

The variable fields of the message text are:

var1   Initialization procedure name
var2   Condition or return code value

SWS0047I DATASPACE var1 CREATED TIME = t2 BY %PM

Explanation: DSPSERV system service routine was invoked at initialization. A dataspace has been created.

Action: None required. This is an informational message.

The variable fields of the message text are:

var1   dataspace name procedure name

SWS0048E DSPSERV ERROR. Return code = var1. t2 %PM

Explanation: DSPSERV system service routine was invoked at initialization to create a dataspace, however, it received a non-zero return. The dataspace was not created.

Action: Check return code displayed in the message in the Auth Assembler Services Reference, and take appropriate action, if possible. Contact NEON Systems technical support if further assistance is needed

The variable fields of the message text are:

var1   DSPSERV return code.

SWS0049I DATASPACE ADDED TO PASN LIST. t2 %PM

Explanation: ALESERV system service routine was invoked at initialization to add this address space to a previously created dataspace.

Action: None required. This is an informational message.

SWS0051I Region Size modified for Job %1. From %2 / %3, to %4 / %5.

Explanation: The specified Job or Started Task requested that it's default Region Size be modified. This modification has been executed as requested.

Action: None required. This is an informational message.

SWS0055E CS NOT FOUND WITHIN %PM PRIMARY LOAD MODULE

Explanation: During subsystem initialization, the indicated Control Section (CSECT) was missing from the product's primary execution load module.

Action: Initialization of the subsystem is terminated immediately with an S0C3 abend. Contact NEON System's product support group.

The variable fields of the message text are:

CS   Control Section Name

SWS0056E INVALID DATA FOUND IN 'CS' LOADED AT AD var1

Explanation: During subsystem initialization, invalid data was detected within a control section or table loaded as part of the product's primary execution load module.

Action: Initialization of the subsystem is terminated immediately with an S0C3 abend. Contact NEON System's product support group.

The variable fields of the message text are:

CS	Control Section or table name
AD	Load address of the CSECT or table
var1	hex dump of invalid data area

SWS0080E CONTROL BLOCK cb COULD NOT BE LOCATED

Explanation: The product tried to find one of several control blocks during product initialization. One of the control blocks could not be found.

Action: Check if the version of the host (MVS) operating system is supported by the product. If the host operating system version is supported by the product, check for any other error messages referring to the current problem. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved, or if the host operating system version is not supported by the product, contact NEON Systems to obtain additional assistance.

The variable fields of the message text are:

cb	control block

SWS0081E MVS RELEASE UNKNOWN - JESPEXT rel DFA/DFP rel

Explanation: The product tried to identify the host operating system MVS version. The MVS version could not be identified.

Action: Check if the version of the host (MVS) operating system is supported by the product. If the host operating system version is supported by the product, check for any other error messages referring to the current problem. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved, or if the host operating system version is not supported by the product, contact NEON Systems to obtain additional assistance.

The variable fields of the message text are:

rel	release number or string
rel	release number or string

SWS0090I TSOSRVACTIVE(YES) INVALID IN PROB STATE - SIMU-LATED USING TMP IN CURRENT A/S

Explanation: This message is issued when TSOSRVACTIVE(YES) has been specified as a start-up parameter, but the product is running in test mode under TSO. The out-board facility cannot be enabled/managed without being authorized to operate in supervisor state and operating as an MVS started task.

Action: The out-board TSO server facility is not activated. Out-board TSO server facilities will be simulated using TSO/E (if available) within the current address space. You should re-test applications developed under TSO/E when moving them to an authorized copy of the subsystem, because some operations (such as time limit processing, CPU time monitoring) cannot be simulated properly within a test copy of the product running in problem state.

SWS0091E service OF desc FAILED, RC=rc

Explanation: This is a generic error message used to describe a wide variety of TSO/SRV initialization, execution, and termination errors. The message text provides the current operation and what the current operation was trying to do.

Action: Check the error messages and the return code associated with this problem. There may be one or more additional error messages or abends referring to the current TSO/SRV problem. if possible, fix the problem identified by the error messages and restart the product.

The variable fields of the message text are:

service	Current operation, allocation, deletion etc.
desc	Description
rc	Return code

SWS0092E CANCEL OF SERVER jb (ASID=asid) FAILED

Explanation: Server address spaces which will not shutdown in a nor-mal way (e.g. a long running server task is still executing) are cancelled. If the cancel is not accepted for any reason this message is issued.

Action: If the server address space survives product termination you may attempt to cancel it manually or possibly even force it. The fact that a server address space remains in the system when the product is restarted will have no harmful effect on product execution and can be ignored.

The variable fields of the message text are:

jb	Jobname
asid	Address space identifier

SWS0093I WAITING FOR TSO SERVER TERMINATION TO COM-PLETE

Explanation: Inactive servers have been posted to shutdown. The ter-mination process will wait for a short time to allow the servers to shut-down normally. If at the end of this period any servers are still active, they will be cancelled.

Action: Information only

SWS0094S service OF desc FAILED, RC=rc

Explanation: This is a generic error message used to describe a wide variety of TSO/SRV execute queue initialization and termination errors. The message text provides the current operation and what the current operation was trying to do.

Action: Check the error messages and the return code associated with this problem. There may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error messages and restart the product.

The variable fields of the message text are:

service	Current operation, GETMAIN, FREEMAIN, attach etc.
desc	Description
rc	Return code

SWS0095S MAIN TASK TIMED OUT WHILE WAITING TO BE POSTED BY THE TSO/SRV SUBTASK

Explanation: The product main task timed out while waiting to be posted by the TSO/SRV subtask. The TSO/SRV subtask has either terminated abnormally or is hung. Shadow may or may not be able to continue processing.

Action: Check for other abends or product messages related to this one and contact customer support to obtain additional assistance.

SWS0096S TSO/SRV ABEND ABCD OCCURRED AT MOD+OFF DURING DESC

Explanation: This error message describes an ABEND that occurred during TSO/SRV Execute Queue processing termination processing.

Action: There may be one or more error messages related to the current problem. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact customer support to obtain additional assistance.

The variable fields of the message text are:

ABCD	ABEND code
MOD	Module name
OFF	Module offset
DESC	Description (e.g. CGI SUBTASK TERMINATION)

SWS0097I service OF desc FAILED, RC=rc

Explanation: During server termination Shadow found that a busy TSO server did not respond to an internal shutdown request. An attempt to issue an MVS cancel command to terminate the server failed.

Action: None. The transaction running in the server will eventually complete. The subsequent attempt to read from an additional TSO/SRV command will fail, and the server will then terminate following a 614 abend.

The variable fields of the message text are:

service	Current operation - cancel
desc	Tso server
rc	Return code

SWS0098S NETMODE(TCPMAIN) REQUIRED FOR SSL OPERATION WITH IBMSSLPORTNUMBER SET

Explanation: During server initialization SSL support was enabled and an IBMSSLPORTNUMBER specified. These two options require that NETMODE(TCPMAIN), also be used, but the NETMODE() parameter had been set to some other value.

Action: The server will terminate. Correct that startup parameters in SWSxIN00 and restart.

SWS0110H INITIALIZATON OF QUICKREF INTERFACE FAILED, VERIFY QUICKREF DSN AND INSTALL STATUS

Explanation: This message shows that the product was unable to initialize the QUICKREF interface.

Action: If QUICKREF is installed on the system Shadow is running, verify that the QUICKREF load library is either in the linklist or is allocated via the QWREFLIB DD statement in the started task JCL. If QUICKREF is not installed on the system Shadow is running, remove all references to QUICKREF from the started task JCL.

SWS0111S INVALID DB2 SUBSYSTEM 'subsys' SPECIFIED FOR LOGGING

Explanation: An invalid DB2 subsystem was specified for logging. using the LOGDB2SUBSYS parameter. The specified DB2 subsystem does not exist or is not defined correctly.

Action: Specify a valid DB2 subsystem for logging or do not set the LOGDB2SUBSYS parameter. The DB2 subsystem does not have to be active (up) when the product is started. However, it must be defined and fully installed. Product initialization is terminated.

The variable fields of the message text are:

subsys   subsystem name

SWS0112S INVALID DEFAULT DB2 SUBSYSTEM 'subsys' SPECI-FIED

Explanation: An invalid default DB2 subsystem was specified. The default DB2 subsystem is either set using the DEFAULTDB2SUBSYS parameter or is obtained from the DSNHDECP load module. The specified DB2 subsystem does not exist or is not defined correctly.

Action: Specify a valid default DB2 subsystem or do not set the DEFAULTDB2SUBSYS parameter. The DB2 subsystem does not have to be active (up) when the product is started. However, it must be defined and fully installed. Product initialization will be aborted.

The variable fields of the message text are:

subsys   subsystem name

SWS0113W INVALID DEFAULT DB2 SUBSYS PARAMETER - 'subsys'

Explanation: The default DB2 subsystem value in use by the Server does not name a value DB2 subsystem. DB2 operations which attempt to use the default subsystem name will fail.

Action: Specify a valid default DB2 subsystem for the DEFAULTDB2SUBSYS parameter. Product initialization continues. The DB2 subsystem does not have to be active when the Server is started, however, it must be defined on this MVS system and fully installed.

The variable fields of the message text are:

subsys   subsystem name

SWS0114W INVALID DB2 SUBSYSTEM 'subsys' FOR LOGGING

Explanation: An invalid DB2 subsystem was specified or defaulted for logging of URL activity. The specified DB2 subsystem does not exist or is not defined correctly.

Action: Specify a valid DB2 subsystem for logging by setting the LOGDB2SUBSYS parameter. The DB2 subsystem does not have to be active (up) when the product is started. However, it must be defined and fully installed. Product initialization continues but logging attempts will fail.

The variable fields of the message text are:

subsys   subsystem name

SWS0115E LE/370 INTERFACE MODULE CEEPIPI CAN NOT BE LOADED - IT IS REQUIRED FOR SSL SUPPORT

Explanation: During initialization it was determined that the MVS Language Environment interfaces are needed for execution of the sub-system. SSL support requires the use of LE/370 interfaces. The interface module, CEEPIPI was not found in STEPLIB or the link list.

Action: Product initialization is abandoned. To restart the subsystem, either ensure that the LE/370 run-time libraries are available in STEPLIB or the link list, or turn off the SSL support option.

SWS0116S MONITOR FEATURE INVALID WITH DB2 SUBSYS OF 'NONE'

Explanation: The Monitor feature of the product can not be used with a default DB2 subsystem of 'NONE'. The default DB2 subsystem must be set to an actual value or not specified at all. Note that the Monitor feature has been disabled.

Action: Specify a valid default DB2 subsystem or do not set the DEFAULTDB2SUBSYS parameter. Product initialization continues. The DB2 subsystem does not have to be active when the Server is started, however, it must be defined on this MVS system and fully installed.

The variable fields of the message text are:

subsys   subsystem name

SWS0117S typtcp TCP/IP PORT NUMBER IS INVALID - %1 TCP/IP PROCESSING TERMINATED

Explanation: The TCP/IP port number specified for one of the types of TCP/IP supported by the product is invalid. The main product address space can not complete initialization if an invalid TCP/IP port number has been specified for any type of TCP/IP.

Action: Specify a valid port number for the type of TCP/IP that detected the invalid port number. If the type of TCP/IP is not needed, you can also just not set the TCP/IP port number at all for the failing type of TCP/IP.

The variable fields of the message text are:

typtcp   Type of TCP/IP

SWS0118S LOAD BALANCING NOT AVAILABLE - VCF FEATURE CODE IS REQUIRED

Explanation: Load Balancing can not be used unless the Virtual Connection Facility (VCF) has been licensed. Since Load Balancing will not be available, product initialization is terminated.

Action: This problem can be resolved by disabling Load Balancing. Load Balancing is disabled by not setting the GROUPNAME product parameter. If Load Balancing is required, contact NEON Systems technical support or sales for additional assistance.

SWS0119S SSL IS NOT AVAILABLE - SSL FEATURE CODE IS REQUIRED

Explanation: Secure Sockets Layer (SSL) can not be used unless the SSL feature has been licensed. Since SSL support has been requested using the SSL product parameter and has not been licensed, product initialization is terminated.

Action: This problem can be resolved by disabling SSL. SSL is disabled by not setting the SSL product parameter. If SSL is required, contact NEON Systems technical support or sales for additional assistance.

SWS0120I SEF msg

Explanation: The product tried to initialize SEF during product initialization. SEF initialization failed.

Action: Check the error messages and the return code associated with this problem. There may be one or more additional error messages or abends referring to the current SEF initialization problem. check for open errors, such as security product related abends. Also check for storage allocation errors or abends. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems technical support services to obtain additional assistance.

The variable fields of the message text are:

msg   Message or message text

SWS0121W SEF - service OF desc FAILED, RC=rc

Explanation: The product tried to initialize or terminate SEF during product initialization or termination. an internal service routine called during SEF initialization or termination exited with a non-zero return code.

Action: Check the error messages and the return code associated with this problem. There may be one or more additional error messages or abends referring to the current SEF initialization or termination problem. check for open errors, such as security product related abends. Also check for storage allocation errors or abends. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems technical support services to obtain additional assistance.

The variable fields of the message text are:

service	Current operation, GETMAIN, FREEMAIN, allocation, deletion etc.
desc	Description
rc	Return code

SWS0122S ABEND abcd OCCURRED AT mod+off DURING SEF desc

Explanation: The product tried to initialize or terminate SEF during product initialization or termination. the SEF initialization/termination routine abended.

Action: Check the error messages and the abend code associated with this problem. There may be one or more additional error messages or abends referring to the current SEF initialization or termination problem. check for open errors, such as security product related abends. Also check for storage allocation errors or abends. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems technical support services to obtain additional assistance.

The variable fields of the message text are:

abcd	Abend code
mod	Module name
off	Module offset
desc	Description

SWS0123T SEF INITIALIZATION COMPLETE

Explanation: The product has completed SEF initialization. All triggers and events will now be passed to the SEF for processing.

Action: No action is required in response to this message. However, this message can be used to activate one or more event handling procedures.

SWS0124E DUPLICATE PATTERN FOUND FOR MESSAGE ID=mgid

Explanation: The product reads in all of the compiled message patterns during product initialization. A duplicate message id was found in the message pattern file. the duplicate message pattern is skipped.

Action: Check the compiled message pattern file for duplicate messages. Check the input file used to create the compiled message pattern file for duplicate messages. remove the duplicate messages from the message compiler input file and recreate the compiled message pattern file. Restart the product using the new compiled message pattern file. If the problem cannot be resolved contact NEON Systems technical support services to obtain additional assistance.

The variable fields of the message text are:

mgid   Message ID

SWS0125E var1 MESSAGES SINCE THE LAST ARCHIVE. CURRENT MESSAGE NUMBER IS var2

Explanation: Trace Browse initialization detected that a prior request to archive the Trace Browse has failed.

Action: This message may be used as a trigger for restarting the Trace Browse archive program based on the number of messages since the last archive rather than on a time basis using the TODARCH rule. This message is related to message 4403.

The variable fields of the message text are:

var1   Number of messages since last archive
var2   Current Trace Browse message sequence number

SWS0126S service OF desc FAILED, RC=rc

Explanation: This is a generic error message used to describe a wide variety of SEF execute queue initialization and termination errors. The message text provides the current operation and what the current operation was trying to do.

Action: Check the error messages and the return code associated with this problem. There may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems technical support services to obtain additional assistance.

The variable fields of the message text are:

service	Current operation, GETMAIN, FREEMAIN, attach etc.
desc	Description
rc	Return code

SWS0127S MAIN TASK TIMED OUT WHILE WAITING TO BE POSTED BY THE PROCESS SUBTASK

Explanation: The Shadow main task timed out while waiting to be posted by an SEF subtask. The SEF subtask has either terminated abnormally or is hung. Shadow may or may not be able to continue processing.

Action: Check for other abends or Shadow messages related to this one and contact NEON Systems technical support services to obtain additional assistance.

The variable fields of the message text are:

PROCESS	Process subtask name.

SWS0128S DYNAMIC DEFINITION OF %S LIBRARY FAILED

Explanation: The mapping dataset could not be defined properly to allow for caching of map data members.

Action: Check for other abends or Shadow messages related to this one and contact NEON Systems technical support services to obtain additional assistance.

The variable fields of the message text are:

VAR1　　　　　　Map Library DD name .

SWS0130H INITIALIZING pkg RELEASE rel SECURITY ENVIRONMENT

Explanation: This message shows that the product was able to successfully initialize the security environment for the interface between the product and ACF2 or RACF. The message shows the security product and release level the interface was established to.

Action: No action is required unless the customer is not running any security package and one was identified, or if the release level is incorrect. Call NEON Systems technical support for assistance if such an error is detected.

The variable fields of the message text are:

pkg　　　　　　security package
rel　　　　　　release number or string

SWS0131S subsysid SSCT CHAIN SCANNING ERROR

Explanation: The SSCT chain was scanned by the security interface routines looking for ACF2 or RACF. Some error exists in the SSCT chain and the search could not be continued.

Action: Examine the SSCT chain for an invalid chain or SSCT control blocks. For further assistance contact NEON Systems technical support.

The variable fields of the message text are:

subsysid　　　　　subsystem ID of security product

SWS0132W NO SECURITY PACKAGE FOUND

Explanation: The SSCT chain was scanned by the security interface routine looking for ACF2 or RACF. Neither security product was found and the security package field was set to NONE.

Action: If no security package exists on your system this is not an error, no further action is needed. If ACF2 or RACF exists but this message came out contact NEON Systems technical support for assistance.

SWS0133E erel RELEASE UNKNOWN, RELEASE CODE IS rel

Explanation: The product attempted to recognize the release level of ACF2 and did not find a release level that it recognized or that is supported. As of this date supported releases are 4.1, 5.0, 5.1, 5.2.

Action: If your release of ACF2 is before 4.1 the ACF2 security interface is not supported. Upgrade to a supported release. if your release of ACF2 is after 5.2 contact NEON Systems technical support to request support being added for the higher level release of ACF2. If the release number in error seems to be something else contact NEON Systems technical support for assistance.

The variable fields of the message text are:

erel	the error release number
rel	release number or string

SWS0134W RUNAUTH USERID CACHE INITIALIZATION FAILED - SHARING OF RUNAUTH USERIDS NOW DISABLED

Explanation: During start-up the SHARERUNAUTHACEES option was set on, but an error occurred while initializing the cached Runauth userid table. This is likely due to a GETMAIN failure.

Action: Product initialization continues, but with the SHARERUNAU-THACEES option set to OFF. Examine the wrap- around trace and console messages for an explanation of the error. If you are unable to locate the reason for the failure, contact NEON Systems technical support.

SWS0140I THE FOLLOWING CATCHUP RULES REQUIRE A FINAL CATCHUP DISPOSITION

Explanation: This message is issued when there are catchup manual rules which did not fire during the previous execution of the product. It is followed by message OPS0141A, which documents the unfired rules.

Action: No action is required in response to this message. However, this message can be used to activate one or more event handling procedures.

SWS0141I RULE RULE RULE RULE RULE RULE RULE

Explanation: This message is issued when there are catchup manual rules which did not fire during the previous execution of the product. It lists from 1 to 7 rules that did not fire, using the format: ruleset.rule. Multiple messages may be issued so that all catchup manual rules may be listed.

Action: No action is required in response to this message. However, this message can be used to activate one or more event handling procedures.

The variable fields of the message text are:

RULE	(Format RULE.RULESET for uniqueness)
RULE	(Format RULE.RULESET for uniqueness)
RULE	(Format RULE.RULESET for uniqueness)
RULE	(Format RULE.RULESET for uniqueness)
RULE	(Format RULE.RULESET for uniqueness)
RULE	(Format RULE.RULESET for uniqueness)
RULE	(Format RULE.RULESET for uniqueness)

SWS0142R REPLY 'YES' TO CATCHUP ALL RULES, 'NO' TO BYPASS CATCHUP, OR 'MANUAL' FOR RULE BY RULE PROMPTING

Explanation: This message is issued when there are catchup manual rules which did not fire during the previous execution of the product. It allows you to fire all catchup manual rules, none, or to determine catchup processing for each of the individual catchup manual rules. It follows messages OPS0140 and OPS0141. If more than 2 minutes expire while waiting for your reply, or 3 invalid replies are made, the default action of 'NO' will be taken.

Action: Reply 'YES' to cause all catchup manual rules to fire. Reply 'NO' to prevent all catchup manual rules from firing. Reply 'MANUAL' and you will be prompted to specify the type of catchup processing for each individual rule.

SWS0143R REPLY 'YES' TO CATCHUP RULE RULE OR 'NO' TO BYPASS CATCHUP

Explanation: This message is issued when there are catchup manual rules which did not fire during the previous execution of the product, and you selected 'MANUAL' in your reply to message OPS0142R. The name of the rule your are being prompted for is in the format ruleset.rule name. If more than 2 minutes expire while waiting for your reply, or 3 invalid replies are made, the default action of 'NO' will be taken.

Action: Reply 'YES' to cause the rule to fire. Reply 'NO' to prevent catchup firing for the rule.

The variable fields of the message text are:

RULE   (Rule   name   format   RULE.RULESET   for   uniqueness)

SWS0144E INVALID CATCHUP MANUAL REPLY: ’reply’

Explanation: An invalid reply was specified to one of the catchup manual console messages. The message causing the error will be reissued so that you can correctly reply. After 3 invalid replys for the same message, default action will be taken. For a description of the default action, see the explanation of the original message.

Action: Determine the proper reply from the text of the message, and reply correctly.

The variable fields of the message text are:

reply

SWS0145E CATCHUP REPLY WAIT EXCEEDED 2 MINUTES. DEFAULT USED

Explanation: The product waited over 2 minutes for a reply to one of the catchup manual messages. Since no response was made during that time, default action was taken.

Action: None. If a reply was desired, you will need to speed your response to the message.

SWS0146E 3 INVALID CATCHUP REPLIES. DEFAULT TAKEN

Explanation: 3 invalid replies were made to a catchup manual message. Since no correct response was received, default action was taken.

Action: None. Reply as required next time.

SWS0147E CATCHUP SERVICE SERVICE FOR VARIABLE VAR1 FAILED, RC=RC

Explanation: An internal error was encountered during catchup processing performing an SWSVALUE or SWSVALUE function.

Action: Contact NEON Systems technical support services for further assistance.

The variable fields of the message text are:

SERVICE	Current operation.
VAR1	Name of variable or variable stem.
RC	Function return code.

SWS0148W CATCHUP RULE VAR HAS CHANGED. CATCHUP BYPASSED

Explanation: This message is issued when a catchup rule has been modified since the last time the rule was enabled. The rule would otherwise have fired for catchup because either Shadow or MVS was down during the last time the rule should have fired. Because the rule has changed, it will not fire for catchup.

Action: None.

The variable fields of the message text are:

VAR	Ruleset and rule name

SWS0149E CATCHUP RULE RULE GLOBAL VARIABLE WRITE FAILED, RC=RC

Explanation: This message is issued when a catchup rule attempts to write a global variable describing the next time to fire, but the write fails. As a result, catchup processing for the rule will fail the next time the Shadow system is restarted. This normally occurs when the GLOBAL-MAX startup parameter has been exceeded, and it is no longer possible to create new global variables. Return code 93 indicates that GLOBAL-MAX has been exceeded. Additionally, every time the TOD rule fires, the internal global variable is updated, and return code 4 will be displayed in this message.

Action: Shutdown the product and allocate a larger SYSCHK1 dataset. This may not be necessary if you already have a large dataset but are only using a part of it due to a small GLOBALMAX value. Use the IDCAMS REPRO command to copy the existing database to the new larger one if necessary. Increase the value assigned to the GLOBALMAX parameter in your initial parameter settings and restart the product.

The variable fields of the message text are:

RULE	TOD Catchup rule name
RC	Global variable write return code

SWS0150S service OF desc FAILED, RC=rc

Explanation: This is a generic error message used to describe a wide variety of trace initialization and termination errors. The message text provides the current operation and what the current operation was trying to do.

Action: Check the error messages and the return code associated with this problem. there may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems to obtain additional assistance.

The variable fields of the message text are:

service	current operation, GETMAIN, FREEMAIN, ATTACH etc.
desc	description
rc	return code

SWS0151S service OF dataset FAILED, RC=rc, REASON CODE=rscd

Explanation: This error message describes errors that occurred during trace initialization, execution or termination, while using the DIV (Data In Virtual) system service. The return codes and reason codes from the DIV macro are documented in the MVS/ESA application development macro reference.

Action: Check the DIV return and reason codes associated with this problem. There may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems to obtain additional assistance.

The variable fields of the message text are:

service	DIV service (e.g. DIV IDENTIFY etc.)
dataset	dataset (e.g. trace dataset)
rc	return code
rscd	reason code

SWS0152S service OF dataset FAILED, ABEND=abcd, REASON CODE=rscd

Explanation: This error message describes an abend that occurred during trace initialization, execution or termination, while using the DIV (data in virtual) system service. the ABEND codes and reason codes from the DIV macro are documented in the MVS/ESA Application Development Macro Reference.

Action: Check the DIV ABEND and reason codes associated with this problem. There may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems to obtain additional assistance.

The variable fields of the message text are:

service	DIV service (e.g. DIV IDENTIFY etc.)
dataset	dataset (e.g. trace dataset)
abcd	abend code
rscd	reason code

SWS0153H ddn DATASET NOT ALLOCATED

Explanation: Product has detected that a TRACE DD card is not present in the JCL used to start the main product address space.

Action: Modify the JCL and specify the TRACE DD card after validating that the necessary DIV dataset is allocated.

The variable fields of the message text are:

ddn   ddname (TRACE)

SWS0154S ANY EXISTING TRACE BROWSE DATA DISCARDED

Explanation: Product detected this error.

Action: Call NEON Systems technical support for assistance on this.

SWS0155S PLEASE STANDBY - UPGRADING TRACE BROWSE - ALL DATA RETAINED

Explanation: The product is upgrading the Trace Browse data area. The Trace Browse data area must be upgraded whenever messages from an earlier version of the product are detected in the Trace Browse data area. the upgraded Trace Browse data area is compatible with earlier releases of the product, if need be.

Action: There is no action required in response to this message. This message should only be displayed once, when you install the first release of the product that supports the upgraded data area format. You may also see this message again, if a prior version of the product is used after the Trace Browse data area has been upgraded. The message will be deleted as soon as the Trace Browse data area upgrade is completed. The upgrade requires about 3 minutes for every 100,000 messages. If this message recurs, call NEON Systems technical support for additional assistance.

SWS0156S service PASSED desc - code

Explanation: This is a generic error message used to describe a wide variety of trace initialization and termination errors. The message text provides the current operation and what data (valid or invalid) was passed to the current operation.

Action: Check the error messages and the return code associated with this problem. there may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems to obtain additional assistance.

The variable fields of the message text are:

service	current operation, INIT/TERM etc.
desc	description
code	code

SWS0157S TRACE BROWSE RECORD LIMIT EXCEEDED. TRACE BROWSE WILL BE INITIALIZED AT NEXT SHADOW SERVER RESTART.

Explanation: The trace browse record count has exceeded the maximum file limit and will be initialized at the next startup of the Shadow Server.

Action: Adjust the TRACEBROWSEMAXLIMIT parameter to ensure that it is set to a reasonably high number (not to exceed 2g). If this parameter is set and you have exceeded the limit, you must schedule a restart of the Shadow Server address space at your earliest convenience.

SWS0160S POSSIBLE SHORTAGE OF STORAGE, size BYTES REQUIRED FOR TRACE BROWSE

Explanation: This is a follow on message to S__0150 when a GET-MAIN has failed. This message indicates the size, in bytes, of the area requested by the GETMAIN.

Action: If the GETMAIN return code indicates insufficient storage to complete the GETMAIN request, please increase your available storage, above the 16-meg line, by the indicated amount.

The variable fields of the message text are:

size   size of storage requested

SWS0161S MAIN TASK TIMED OUT WHILE WAITING TO BE POSTED BY THE TRACE SUBTASK

Explanation: The product main task timed out while waiting to be posted by the trace subtask. The trace subtask has either terminated abnormally or is hung. The product may or may not be able to continue processing.

Action: Check for other abends or messages related to the product prior to this one and call NEON Systems technical support for additional assistance.

SWS0162S service OF dataset FAILED, ABEND=abcd AT mod+off, REASON CODE=rscd

Explanation: This error message describes an ABEND that occurred during trace initialization, execution or termination, while using the DIV (Data In Virtual) system service. the ABEND codes and reason codes from the DIV macro are documented in the MVS/ESA application development macro reference.

Action: Check the DIV ABEND and reason codes associated with this problem. There may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems to obtain additional assistance.

The variable fields of the message text are:

service	DIV service (e.g. DIV IDENTIFY etc.)
dataset	dataset (e.g. trace dataset)
abcd	abend code
mod	module name
off	module offset
rscd	reason code

SWS0163I BROWSEARCHIVECOUNT SET TOO HIGH - CHANGED TO var1

Explanation: The BROWSEARCHIVECOUNT value is set too high. It must be no more than BROWSEMAX plus 1000. The count has been changed to BROWSEMAX - (BROWSEMX / 8).

Action: Examine the browse archiving control parameters to ensure they are set to appropriate values.

The variable fields of the message text are:

var1	Overriding BROWSEARCHIVECOUNT value

SWS0164I BROWSEARCHIVELEAD TOO HIGH - CHANGED TO var1

Explanation: The BROWSEARCHIVELEAD value is st too high. The sum of BROWSEARCHIVECOUNT plus BROWSEARCHIVELEAD can not exceed BROWSEMAX. The count is set to one.

Action: Examine the browse archiving control parameters to ensure they are set to appropriate values.

The variable fields of the message text are:

var1   Overriding BROWSEARCHIVELEAD value

SWS0165I SEF msg

Explanation: SEF subtask mapping information messages

Action: None at this time.

The variable fields of the message text are:

msg   Message or message text

SWS0171S var1 OF var2 FAILED, RC=rc, REASON CODE=rscd

Explanation: This error message describes errors that occurred during global variable initialization, execution or termination, while using the DIV (data in virtual) system service. The return codes and reason codes from the DIV macro are documented in the MVS/ESA Application Development Macro Reference.

Action: Check the DIV return and reason codes associated with this problem. There may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems technical support services to obtain additional assistance.

The variable fields of the message text are:

var1	Div service (e.g. DIV identify etc.)
var2	Dataset (e.g. SYSCHK1 dataset)
rc	Return code
rscd	Reason code

SWS0172S var1 OF var2 FAILED, ABEND=abcd, REASON CODE=rscd

Explanation: This error message describes an abend that occurred during global variable initialization, execution or termination, while using the DIV (data in virtual) system service. The return codes and reason codes from the DIV macro are documented in the MVS/ESA Application Development Macro Reference.

Action: Check the DIV abend and reason codes associated with this problem. There may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems technical support services to obtain additional assistance.

The variable fields of the message text are:

var1	Div service (e.g. DIV identify etc.)
var2	Dataset (e.g. SYSCHK1 dataset)
abcd	Abend code
rscd	Reason code

SWS0173W ddn DATASET NOT ALLOCATED

Explanation: Shadow has detected that either a SYSCHK1 or a SYSCHK2 DD card is not present in the JCL used to start the main product address space.

Action: Modify the JCL and specify an appropriate DD card after validating that the necessary DIV dataset is allocated.

The variable fields of the message text are:

ddn	DDNAME (e.g. SYSCHK1)

SWS0174S ANY EXISTING GLOBAL VARIABLES DATA DIS-CARDED

Explanation: Shadow detected this error

Action: Call Shadow technical support for assistance on this

SWS0175I GLOBAL VARIABLE UPGRADE var1

Explanation: Prior to version 02.01.01 of Shadow global variables were maintained in a linked list. As of version 02.01.01 they are kept in an AVL tree structure for improved performance. This message indicates that the global variable pool is being upgraded to the new format. This message may also be issued as a result of setting the globalrebuild parameter to 'YES' or when the global variable database has been corrupted.

Action: None. This message is for informational purposes only.

The variable fields of the message text are:

var1   Global variable text string

SWS0176S DUPLICATE GLOBAL VARIABLE FOUND, NAME=var1

Explanation: While building/rebuilding the global variable AVL tree an attempt was made to add a node to the tree and the node already existed in the tree. The second value is ignored and the tree build/rebuild continues.

Action: Report this message to NEON Systems technical support services this situation has occurred due to a prior logic error.

The variable fields of the message text are:

var1   Name of the global variable

SWS0177S MAIN TASK TIMED OUT WHILE WAITING TO BE POSTED BY THE GLOBAL VARIABLE CHECKPOINT SUBTASK

Explanation: The Shadow main task timed out while waiting to be posted by the global variable checkpoint subtask. The global variable checkpoint subtask has either terminated abnormally or is hung. Shadow may or may not be able to continue processing.

Action: Check for other abends or messages related to Shadow prior to this one and contact NEON Systems technical support services to obtain additional assistance.

SWS0178S var1 DETECTED IN GLOBAL VARIABLE LIST

Explanation: While building/rebuilding the global variable AVL tree one of the following occurred: 1. an infinte loop was detected in the sequential list. 2. an invalid entry was detected in the sequential list. 3. an invalid offset was detected in the sequential list. the tree rebuild is terminated at this point. Shadow will attempt to reconstruct the entire global variable dataset. some global variables may be discarded.

Action: Report this message to NEON Systems technical support services this situation has occurred due to a prior logic error or storage overlay. Shadow should continue to function normally after the global variable dataset has been successfully reconstructed.

The variable fields of the message text are:

var1   Error description (e.g. infinite loop)

SWS0179I GLOBAL VARIABLE CONVERSION FROM VERSION var1 ver

Explanation: Prior to version 02.02.00 of Shadow global variables were limited to 256 bytes in size. As of version 02.02.00 this restriction is removed. Prior to version 03.02.00 of Shadow the key size was limited to 50 bytes. As of version 03.02.00 the key size limit is increased to 84 bytes. This message indicates that the global variables are being converted to a new format.

Action: None. This message is for informational purposes only.

The variable fields of the message text are:

var1   Global variable text string
ver   Old database version string (e.g. 03.01.01)

SWS0180I GLOBAL VARIABLE CHAIN REBUILD var1, var2 GLO-BALS

Explanation: While doing a global variable tree rebuild, it was found that the chained list was incomplete and needed to be rebuilt. This message indicates the status of the chain rebuild process.

Action: None. This message is for informational purposes only.

The variable fields of the message text are:

var1	Global variable text string
var2	Number of global variables in database

SWS0181I var1 BEING ADDED TO CHAIN

Explanation: While doing a global variable tree rebuild, it was found that the chained list was incomplete and needed to be rebuilt. This message indicates which variables were reinserted back into the global variable chain.

Action: None. This message is for informational purposes only.

The variable fields of the message text are:

var1	Name of the global variable

SWS0182I GLOBAL VARIABLE DATABASE BEING CONVERTED

Explanation: This is the first time version 02.02.00 of Shadow has processed this global variable DIV dataset. Shadow is converting the global variable database to the new format. the converted global variable database will not be useable with older versions of Shadow unless the backward conversion utility is subsequently executed. Refer to the Shadow Installation Guide for more informaion on how to run the backward conversion utility.

Action: Information only. No action required.

SWS0183S ABEND abcd OCCURRED AT mod+off DURING desc

Explanation: This error message describes an abend that occurred during global variable subtask termination processing. this may also occur during an AVL tree rebuild during startup or when the globalrebuild parameter is set to 'YES'.

Action: There may be one or more error messages related to the current problem. in the case of the AVL tree rebuild routine Shadow will attempt to recover the global variable checkpoint dataset by automatically rebuilding it. In all other cases attempt to fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems technical support services to obtain additional assistance.

The variable fields of the message text are:

abcd	Abend code
mod	Module name
off	Module offset
desc	Description

SWS0184S desc var1 var2 var3

Explanation: A logical error was encountered while validating data prior to a global variable checkpoint. The checkpoint will be aborted and Shadow will be terminated to prevent incorrect data being saved. changes to the global variable database since the previous checkpoint will be discarded.

Action: Attempt to restart the product. If the same error occurs contact NEON Systems technical support services giving them the information in this message. It may be possible to reconstruct the database by setting the globalrebuild parameter to 'YES' prior to restarting the product. If not, the global variable dataset can be recovered from a prior backup.

The variable fields of the message text are:

desc	Description
var1	Storage address
var2	Storage address
var3	Storage address

SWS0185W GLOBALMAX VALUE OF VAR1 IS TOO LOW. RESET TO VAR2.

Explanation: The GLOBALMAX parameter value is too low and would cause the global variable database to be destroyed. The value has been ignored and reset to its prior value. This scenario may possibly have been caused by a failure in the Shadow initialization REXX program or CLIST which resulted in an attempt to use the default GLOBALMAX value.

Action: If this was caused by a failure in the initialization REXX program or CLIST, attempt to determine the cause of failure as soon as possible. you may wish to shutdown the product to prevent other problems from occurring. The GLOBALMAX value may have been defaulted due to such a failure. If you are really attempting to to reduce the size of the global variable dataset, you must stop Shadow, delete and reallocate a new DIV dataset and then restart the product.

The variable fields of the message text are:

VAR1	GLOBALMAX value in error
VAR2	Existing GLOBALMAX value

SWS0186S CONVERSION FAILED. INCREASE GLOBALMAX BY AT LEAST VAR1.

Explanation: The conversion of the SYSCHK1 database to the version 03.02.00 format failed because the GLOBALMAX value is not large enough to contain the converted data. The new database requires more space than the old one due to the increased key size. The database may require up to twice as much space in the worst possible case.

Action: Shutdown the product and allocate a larger SYSCHK1 dataset. This may not be necessary if you already have a large dataset but are only using a part of it due to a small GLOBALMAX value. Use the IDCAMS REPRO command to copy the existing database to the new larger one if necessary. Increase the value assigned to the GLOBALMAX parameter in your initial parameter settings and restart the product. Adding this value will not leave any free space in the SYSCHK1 dataset. You should leave enough free space to account for growth in your system.

The variable fields of the message text are:

VAR1	Minimum value to add to GLOBALMAX

SWS0187I OLD IN-USE BLOCK COUNT - VAR1. NEW IN-USE BLOCK COUNT - %2.

Explanation: This informational message indicates how many blocks of storage were being used in the SYSCHK1 database prior to the conversion to the 03.02.00 format and how many blocks of storage will now be used following the conversion.

Action: Compare the new in-use block count to your GLOBALMAX value. If this value is close to the GLOBALMAX value you may not have sufficient free space for normal operation and you should increase the size of your SYSCHK1 database as soon as possible.

The variable fields of the message text are:

VAR1   Minimum value to add to GLOBALMAX

SWS0188S INCOMPATIBLE SYSCHK1 DATABASE LEVEL VAR1, CANNOT BE USED.

Explanation: The SYSCHK1 database is in a format that is incompatible with the current version of the product. This database has probably been converted to a format supported by a newer version of the product.

Action: Use a version of the database that is compatible with the current version of the product.

The variable fields of the message text are:

VAR1   Level number of the SYSCHK1 database

SWS0200S MODE SWITCH ROUTINE service FAILED RC=rc

Explanation: The product attempted to either acquire storage for a below the line AMODE switch routine or free the storage used by a below the line AMODE switch routine. The storage management operation failed.

Action: Check if the return code or any other messages provide additional information about the storage management error. Also, check if the operating system is short on storage in CSA. Start or restart the product, if the storage management problem can be resolved. Contact NEON Systems technical support if the problem cannot be resolved.

The variable fields of the message text are:

service	current operation, GETMAIN or FREEMAIN
rc	return code

SWS0201S SSVT service FAILED RC=rc

Explanation: The product tried to either acquire storage for a SSVT control block or free the storage used by the SSVT control block. The storage management operation failed.

Action: Check if the return code or any other messages provide additional information about the storage management error. Also, check if the operating system is short on storage in CSA or ECSA. Start or restart the product, if the storage management problem can be resolved. Contact NEON Systems technical support if the problem cannot be resolved.

The variable fields of the message text are:

service	current operation, GETMAIN or FREEMAIN
rc	return code

SWS0202S SAST UDPATE FAILED RC=rc

Explanation: The product tried to update one of the subsystem interface control blocks used by the system. The update operation failed.

Action: Check the error messages associated with this problem. There may be one or more subsystem interface error messages referring to the current problem. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems to obtain additional assistance.

The variable fields of the message text are:

rc   return code

SWS0203S SAST PLIST STORAGE service FAILED RC=rc

Explanation: The product tried to either acquire storage for the SAST update PLIST or free the storage used by the SAST update PLIST. The storage management operation failed.

Action: Check if the return code or any other messages provide additional information about the storage management error. Also, check if the product region should be increased. Start or restart the product, if the storage management problem can be resolved. Contact NEON Systems technical support if the problem cannot be resolved.

The variable fields of the message text are:

service   current operation, GETMAIN or FREEMAIN
rc   return code

SWS0204W TOTAL SUBSYSTEM COUNT WAS cnt, RESET TO nwcn

Explanation: Many products (such as IMS) create new subsystem control blocks and add them to the subsystem control block chain. Unfortunately, these same products do not update the subsystem control block count field. The product found that the actual count of subsystem control blocks did not match the count value in the main operating system control block. The product updated the overall count value.

Action: This is not an error message and no action is required.

The variable fields of the message text are:

cnt	count
nwcn	new count

SWS0206E servrtn errdesc FAILED, RC=rc, DETECTED AT ad

Explanation: Some type of service routine (operating system or product specific) failed. the error message identifies the service routine and the type of error.

Action: Check the full text of the error message and fix the program that calls the application program interface, if need be

The variable fields of the message text are:

servrtn	service routine
errdesc	error description
rc	return code

SWS0230W Server's DFHSM pending HRECALL table is full - DFHSMDRAIN(YES) forced

Explanation: More than 125 outstanding asynchronous HRECALL requests remain to be posted as complete by DFHSM. The Server is suspending DFHSM request processing; It automatically set the DFHSMDRAIN product optino to YES, so that no new HRECALL requests are scheduled until either (1) the number of pending HRECALL requests drops below 100, or (2) The DFHSMDRAIN or DFHSMSTATUS options are changed manually.

Action: Check for reasons why DFHSM HRECALL processing may be delayed or disabled. Correct the DFHSM problem and then either wait for the Server to automatically set the DFHSMDRAIN(NO) option once 25 requests have completed and been cleared from the pending table, or manually change the DFHSMDRAIN parameter to NO. Before manually changing DFHSMDRAIN to NO, ensure that fewer than 125 HRECALL requests remain outstanding.

SWS0231E DFHSM init/term routine, OPINHS, entered with invalid function code: code

Explanation: During start-up or shutdown the DFHSM service routine was entered with an invalid request code.

Action: This is a logic error. Contact NEON Systems Technical support for problem resolution.

The variable fields of the message text are:

code   code value passed to OPINHS

SWS0232E SEF support not licensed/active - Option cannot be initialized and is disabled

Explanation: During start-up the Server has determined that the SEF feature is either un-licensed or disabled. Another optional component requires that SEF be active for proper operation.

Action: The optional component is disabled. Start-up processing may continue or the Server may terminate. For the DFHSM optional interface, server start-up continues.

The variable fields of the message text are:

Option   Start-up optional component being disabled

SWS0233E IBM-supplied DFHSM load module, ARCGIVER, not installed/located - DFHSM support disabled

Explanation: During start-up, DFHSM(YES) was selected to initialize DFHSM support. However, the server cannot locate a copy of the IBM-supplied DFHSM interface module, ARCGIVER. This module must be available within the link list, LPA, or the Server's steplib load library.

Action: Server start-up continues, but the server resets the DFHSM option to NO which prevents further interactions with DFSMShsm from being undertaken. Determine why the ARCGIVER module cannot be located, and make it available during Server start-up. If DFSMShasm is not installed, do not attempt to set the DFHSM(YES) start-up option.

SWS0234E DFHSM interface disabled due to storage allocation error

Explanation: During start-up, DFHSM(YES) was selected to initialize DFHSM support. However, a storage acquisition error has occurred which will prevent the DFHSM interface from operating.

Action: Server start-up continues, but the DFHSM option is reset to NO which prevents further DFHSM operations from occurring. See preceding messages to determine the actual cause of the problem.

SWS0235I DFHSM Support Interface Successfully Initialized

Explanation: During start-up the DFHSM(YES) was selected to enable DFHSM support. The Server has pre-initialized it's DFHSM support interface successfully.

Action: Server start-up continues. If DFHSM is not operational the Server may generate HRECALL requests throughtout it's operation which will immediately fail. If DFHSM is not actually installed, change the DFHSM start-up parameter to NO to prevent enablement of DFHSM Support within the Server. You may set DFHSMSTATUS(OFFLINE) into effect at any time which will prevent the server from invoking DFHSM services until reset to DFHSMSTATUS(ONLINE).

SWS0236E Abend during DFHSM server processing - CMP=ABCD,RS=REASON,AT=MODULE+offset

Explanation: An abend was trapped during DFHSM processing. Information about the Abend is written to the console log.

Action: The DFHSM interface retries, if possible, to prevent Subsystem termination or failure. Check for other messages which might indicate the cause of the problem and contact NEON Systems technical support.

The variable fields of the message text are:

server	Description of function being handled
ABCD	Abend completion code
REASON	Abend reason code
MODULE	Abending module
offset	Abending module offset

SWS0237W HRECALL pending for DSNAME - MWE ECB at ECB unposted - Orphaned

Explanation: During shutdown an incomplete asynchronous DFHSM HRECALL request was detected. The outstanding request will cause 352 bytes of below-the-line CSA storage to be orphaned. This occurs because an outstanding HRECALL request causes an MWE ECB to be allocated by DFHSM. The Server is allowed to free the ECB only after DFHSM has posted this ECB, which it has not yet done; DFHSM does not automatically free this storage when the requesting address space terminates. Note that the orphaned CSA storage area actually begins some number of bytes prior to the ECB address given in this messsage (consult IBM to determine the exact offset).

Action: Processing continues and the DFHSM MWE ECB is orphaned. The Server does not attempt to remember these ECB addresses across a restart of the product. To prevent this condition, consider setting the Server's DFHSMSHUTDOWNWAIT parameter to allow a longer wait time limit for DFHSM hrecall completions during shutdown. Also ensure that the DFHSMSTATUS parameter has not been manually set to OFFLINE, which inhibits waiting and cleanup of pending HRECALL requests.

The variable fields of the message text are:

DSNAME	Dataset for which HRECALL issued
ECB	Address of DFHSM MWE ECB

SWS0238I Server's pending recall table no longer full - DFHSMDRAIN(NO) reset to NO

Explanation: Earlier the server had put DFHSMDRAIN(YES) into effect because it's pending HRECALL table was full. The table now has 25 free entries, and the Server is restoring normal HRECALL processing.

Action: None. Normal HRECALL processing resumes.

SWS0239I Shutdown suspending for up to var1 seconds to await var2 pending HRECALL completions - var3

Explanation: During shutdown processing 1 or more pending HRE-CALL requests is still pending. The server will pause to wait upon DFHSM to post these pending requests complete. Shutdown processing will re-commence after pausing for DFHSM completion.

Action: None. The Server waits for the time given by the DFHSM-SHUTDOWNWAIT parameter for pending completions.

The variable fields of the message text are:

var1	Seconds server will pause for DFHSM
var2	Count of pending unposted MWE ECBs
var3	Count of suspended task HRECALL requests

SWS0240E var1 pending DFHSM requests (and MWE's) orphaned because var2

Explanation: During shutdown processing 1 or more pending HRE-CALL requests MAY remain pending. The server, however, is bypassing product termination-time final recovery checking for these requests.

Action: None. The Server continues termination processing without attempting to recovery/cleanup for pending HRECALL requests. Bypassing DFHSM final recovery is normally due to the parameter, DFHSM-STATUS(OFFLINE), having been explicitly set, and left in effect during product termination. Be sure to restore DFHSMSTATUS(ONLINE) before product shutdown if DFHSM is actually online.

The variable fields of the message text are:

var1	Count of potentially pending HRECALLS
var2	Reason for bypass of shutdown MWE recovery

SWS0250S service OF desc FAILED, RC=rc

Explanation: This is a generic error message used to describe a wide variety of IMS initialization and termination errors. The message text provides the current operation and what the current operation was trying to do.

Action: Check the error messages and the return code associated with this problem. there may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems to obtain additional assistance.

The variable fields of the message text are:

service	current operation, GETMAIN, FREEMAIN, ATTACH etc.
desc	description
rc	return code

SWS0251S service PASSED desc - code

Explanation: This is a generic error message used to describe a wide variety of IMS initialization and termination errors. The message text provides the current operation and what data (valid or invalid) was passed to the current operation.

Action: Check the error messages and the return code associated with this problem. there may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems to obtain additional assistance.

The variable fields of the message text are:

service	current operation, INIT/TERM etc.
desc	description
code	code

SWS0253S service TO desc FAILED, RC=rc

Explanation: This is a generic error message used to describe a wide variety of IMS initialization and termination errors. The message text provides the current operation and what the current operation was trying to do.

Action: Check the error messages and the return code associated with this problem. There may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems to obtain additional assistance.

The variable fields of the message text are:

service	current operation, GETMAIN, FREEMAIN, ATTACH etc.
desc	description
rc	return code

SWS0254S IMS rsrce NAME MISSING

Explanation: A resource name needed by the IMS product feature is missing. The current operation will be terminated. The message text contains the name of the missing resource.

Action: Check the resource name in the error message. Set the resource name using a product parameter.

The variable fields of the message text are:

rsrce	resource name value

SWS0260S ADABAS support cannot be enabled - module ADALNK not found

Explanation: ADABAS support cannot be activated because the ADABAS interface module, ADALNK, was not found in the STEPLIB or LNKLST concatenation.

Action: Turn off ADABAS support by setting the ADABAS parameter to NO, or ensure that the module, ADALNK, is in the STEPLIB library concatenation.

SWS0261I Server will use default FILETYPE definitions for MIME content-type mapping

Explanation: FILETYPE table definitions were not provided explicitly by the initialization procedure. In the abscence of ANY explicity defined entries, the server generates a default set of definitions.

Action: Normally, you need take no action, and may prefer to use the built-in defaults provided by the server.

SWS0262S ADABAS ADALNK routine cannot be modified re-enter-ent - please check version

Explanation: ADABAS support cannot be activated because the ADA-BAS interface module, ADALNK, is not of the proper reconizable version.

Action: Insure that the ADABAS link routine ADALNK is at the sup-ported level, and that it has not been modified in any way.

SWS0280S SSL msg

Explanation: The product tried to initialize SSL during product initial-ization. SSL initialization failed.

Action: Check the error messages and the return code associated with this problem. There may be one or more additional error messages or abends referring to the current SSL initialization problem. check for open errors, such as security product related abends. Also check for storage allocation errors or abends. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems technical support services to obtain additional assistance.

The variable fields of the message text are:

msg   Message or message text

SWS0281S SSL KEY/CERTIFICATE FILE var1 ERROR, DD=var2, RC=var3

Explanation: The product tried to initialize SSL during product initial-
ization. SSL initialization failed, because an error occurred while access
the server's private key or certificate file.

Action: Check the error messages and the return code associated with
this problem. There may be one or more additional error messages or
abends referring to the current SSL initialization problem. check for open
errors, such as security product related abends. Also check for storage
allocation errors or abends. If possible, fix the problem identified by the
error messages and restart the product. If the problem cannot be resolved
contact NEON Systems technical support services to obtain additional
assistance.

The variable fields of the message text are:

var1	I/O function
var2	File DD name
var3	I/O service return code

SWS0282S ABEND abcd OCCURRED AT mod+off DURING SSL desc

Explanation: The product tried to initialize or terminate SSL during
product initialization or termination. The SSL initialization/termination
routine abended.

Action: Check the error messages and the abend code associated with
this problem. There may be one or more additional error messages or
abends referring to the current SSL initialization or termination problem.
check for open errors, such as security product related abends. Also
check for storage allocation errors or abends. If possible, fix the problem
identified by the error messages and restart the product. If the problem
cannot be resolved contact NEON Systems technical support services to
obtain additional assistance.

The variable fields of the message text are:

abcd	Abend code
mod	Module name
off	Module offset
desc	Description

SWS0283T SSL INITIALIZATION COMPLETE

Explanation: The product has completed SSL initialization. All triggers and events will now be passed to the SSL for processing.

Action: No action is required in response to this message. However, this message can be used to activate one or more event handling procedures.

SWS0284S SSL USERID (userid) LOGON FAILED var1 var2 var3 - var4

Explanation: The SSL manager userid specified by the SSLUSERID system parameter failed logon processing during start-up.

Action: The Web server initialization process is aborted. Check to ensure that the Userid specified by the SSLUSERID start-up parameter is correct.

The variable fields of the message text are:

userid	the SSLUSERID parameter value
var1	the security module return code
var2	the RACF (SAF) return code
var3	the RACF (SAF) reason code
var4	error message text from RACF (SAF)

SWS0285I SSL MANAGER USERID userid LOGGED ONTO SYSTEM

Explanation: The SSL manager userid specified by SSLUSERID system parameter has been logged on to the system.

Action: Web Server initialization processing continuees.

The variable fields of the message text are:

userid	the SSLUSERID value

SWS0286S service OF desc FAILED, RC=rc

Explanation: This is a generic error message used to describe a wide variety of SEF execute queue initialization and termination errors. The message text provides the current operation and what the current operation was trying to do.

Action: Check the error messages and the return code associated with this problem. There may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems technical support services to obtain additional assistance.

The variable fields of the message text are:

service	Current operation, GETMAIN, FREEMAIN, attach etc.
desc	Description
rc	Return code

SWS0287S MAIN TASK TIMED OUT WHILE WAITING TO BE POSTED BY THE PROCESS SUBTASK

Explanation: The Shadow main task timed out while waiting to be posted by an SSL subtask. The SSL subtask has either terminated abnormally or is hung. Shadow may or may not be able to continue processing.

Action: Check for other abends or Shadow messages related to this one and contact NEON Systems technical support services to obtain additional assistance.

The variable fields of the message text are:

PROCESS	Process subtask name.

SWS0288S SSL SERVER PRIVATE KEY/CERTIFICATE FORMAT INVALID FOR VAR1

Explanation: The SSL resource manager could not initialize because the server's private key or certificate file contains an invalid key or certificate.

Action: Check for other abends or Shadow messages related to this one and contact NEON Systems technical support services to obtain additional assistance.

The variable fields of the message text are:

VAR1   DD Name of file in error

SWS0289S SSL SUPPORT CAN NOT BE ENABLED - DDNAME VAR1 IS NOT ALLOCATED

Explanation: The SSL resource manager could not initialize because the server's certificate or private key file DD name is not allocated.

Action: The server will terminate. Check the start-up JCL to be sure the certificate file and/or private key files are allocated to the correct DD names.

The variable fields of the message text are:

VAR1   DD Name of file in error

SWS0290S SSL ERROR: VAR1

Explanation: The SSL routines logged a severe error message.

Action: The SSL routines logged a severe error to trace. The message is duplicted to the operator console.

The variable fields of the message text are:

VAR1   SSL Error Message Text

SWS0334I STOP COMMAND DETECTED DURING INITIALIZATION

Explanation: A STOP command has been detected by the product during early product initialization. The initialization EXEC (S__xIN00) may or may not have completed successfully. STOP commands issued after the completion of the initialization EXEC will not be honored until initialization has completed.

Action: None. This message is for information purposes only.

SWS0335S ESTAE service ERROR RC=rc

Explanation: The product tried to create an ESTAE recovery environment. The ESTAE macro failed.

Action: Check the error messages and the return code associated with this problem. There may be one or more ESTAE error messages referring to the current problem. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems to obtain additional assistance.

The variable fields of the message text are:

service	current operation, create or delete ESTAE
rc	return code

SWS0336S service OF desc FAILED, RC=rc

Explanation: This is a generic error message used to describe a wide variety of product initialization, execution, and termination errors. The message text provides the current operation and what the current operation was trying to do.

Action: Check the error messages and the return code associated with this problem. There may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems to obtain additional assistance.

The variable fields of the message text are:

service	current operation, GETMAIN, FREEMAIN, ATTACH etc.
desc	description
rc	return code

SWS0337E desc service ERROR RC=rc

Explanation: Some type of process block pool error occurred during product initialization or product termination. The message text provides the current operation and what the current operation was trying to do.

Action: Check the error messages and the return code associated with this problem. There may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems to obtain additional assistance.

The variable fields of the message text are:

desc	description
service	process pool operation, create, delete, get, release etc.
rc	return code

SWS0338S INVALID desc LOCATED AT addr TAG IS tag

Explanation: The product found an invalid control block during product termination. The control block tag contained an invalid character string.

Action: Check the error messages associated with this problem. There may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems to obtain additional assistance.

The variable fields of the message text are:

desc	description
addr	address
tag	control block tag

SWS0339E cnt PROCESS BLOCK(S) STILL IN USE

Explanation: The product uses a pool of stack control blocks to process messages and other events. The stack blocks are obtained and released as need be, by a variety of product routines. In somes cases, a product routine may fail to release a process block.

Action: No action is required to resolve this problem. The product will release all of the space used by the stack control blocks even if they appear to still be in use. If this problem recurs, contact NEON Systems to obtain additional assistance.

The variable fields of the message text are:

cnt   number of process blocks

SWS0340I msg

Explanation: This message is not an error message. The current message is used to display the output from the product initialization EXEC (S__xIN00) on the system consoles.

Action: Although the current message is not an error message, the output from the product initialization EXEC is only sent to the product consoles if the initialization EXEC terminates with a non-zero return code. The EXEC messages should be carefully checked for any error messages. Restart the product if need be. Contact NEON Systems technical support if the problem (non-zero EXEC termination code) recurs.

The variable fields of the message text are:

msg   message or message text

SWS0341T %PM feature codes are not set - contact NEON Systems (281-491-4200) for assistance

Explanation: The current system is not authorized to run the product. Systems are authorized to run NEON Systems software products using product codes. A product code enables a CPU to run one or more products, with one or more feature codes. The current product code does not provide the feature code needed to execute the product.

Action: Check if the product code has been correctly set by the initialization exec. If the product code has been correctly set, contact NEON Systems technical support to obtain a NEW product code.

The variable fields of the message text are:

feat   feature code
rsrce   resource name value

SWS0342T %PM is running on an unauthorized CPU - contact NEON Systems (281-491-4200) for assistance

Explanation: The current system is not authorized to run the product. Systems are authorized to run NEON Systems software products using product codes. A product code enables a CPU to run one or more products, with one or more feature codes. The product is not licensed to run on the current CPU. This may be a violation of your license agreement. Note, that the product will continue to execute in any case to allow for data center emergencies.

Action: Check if the product code has been correctly set by the initialization exec. If the product code has been correctly set, contact NEON Systems technical support to obtain a NEW product code. If you are running the product on a emergency backup CPU, contact NEON Systems for a new product license code as soon as possible.

SWS0343T %PM will expire in days days - contact NEON Systems (281-491-4200) for assistance

Explanation: The current product's license or trial will expire in the number of days depicted in the error message. Systems are authorized to run NEON Systems software products using product codes. A product code enables a CPU to run one or more products, with one or more feature codes, for a finite period of time. The product code which was set by the initialization exec indicates that the product license or trial will expire shortly.

Action: Check if the product code has been correctly set by the initialization exec. If the product code has been correctly set, contact NEON Systems technical support to obtain a NEW product code.

The variable fields of the message text are:

days   number of days

SWS0344T %PM has expired on this system - contact NEON Systems (281-491-4200) for assistance

Explanation: The current product's license or trial has expired. Systems are authorized to run NEON Systems software products using product codes. A product code enables a CPU to run one or more products, with one or more feature codes, for a finite period of time. The product code which was set by the initialization exec indicates that the product license or trial has expired.

Action: Check if the product code has been correctly set by the initialization exec. If the product code has been correctly set, contact NEON Systems technical support to obtain a NEW product code.

SWS0345S var1 (var2) DD allocation REQUIRED in start-up JCL for proper execution of TSO/E REXX procedures

Explanation: The Server is attempting to intercept output from a TSO/E REXX procedure, but could not open the output dataset to which TSO/E REXX routes SAY statement and other output messages are directed. The most likely cause is that a site modification has been made to IRX-PARMS which specifies that TSO/E REXX should use a non-standard DD name for output. SYSTSPRT, the IBM default, is assumed if the Server is unable to load and check the IBM-supplied load module, IRX-PARMS.

Action: Ensure that the DD name indicated in the message is pre- allocated by the Server's start-up JCL. (The NEON-supplied sample JCL contains a SYSTSPRT DD statement which can be used as a model for pre-allocating this dataset.) If a DD statement IS already present in the start-up JCL, then ensure that this DD name has not been released through the use of an MVS DYNALLOC dynamic allocation request. This condition, if encountered while processing the SWSxIN00 parameterization procedure, will not result in server termination. However, any errors encountered while executing this procedure cannot be successfully reported.

The variable fields of the message text are:

var1	DD name required for TSO/E REXX executions
var2	Hexadecimal read-out of DD name value

SWS0350S service OF desc FAILED, RC=rc

Explanation: This is a generic error message used to describe a wide variety of CICS initialization and termination errors. The message text provides the current operation and what the current operation was trying to do.

Action: Check the error messages and the return code associated with this problem. there may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems to obtain additional assistance.

The variable fields of the message text are:

service	current operation, GETMAIN, FREEMAIN, ATTACH etc.
desc	description
rc	return code

SWS0351S service PASSED desc - code

Explanation: This is a generic error message used to describe a wide variety of CICS initialization and termination errors. The message text provides the current operation and what data (valid or invalid) was passed to the current operation.

Action: Check the error messages and the return code associated with this problem. there may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems to obtain additional assistance.

The variable fields of the message text are:

service	current operation, INIT/TERM etc.
desc	description
code	code

SWS0353S service TO desc FAILED, RC=rc

Explanation: This is a generic error message used to describe a wide variety of CICS initialization and termination errors. The message text provides the current operation and what the current operation was trying to do.

Action: Check the error messages and the return code associated with this problem. There may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems to obtain additional assistance.

The variable fields of the message text are:

service	current operation, GETMAIN, FREEMAIN, ATTACH etc.
desc	description
rc	return code

SWS0354S CICS rsrce NAME MISSING

Explanation: A resource name needed by the CICS product feature is missing. The current operation will be terminated. The message text contains the name of the missing resource.

Action: Check the resource name in the error message. Set the resource name using a product parameter.

The variable fields of the message text are:

rsrce	resource name value

SWS0355I CICS SUPPORT TERMINATING

Explanation: This is an informational message which is issued when the product terminates it's CICS support. If the CICS support support is being terminated due to a fatal error condition this message will have been preceeded by error messages which depict the exact error condition encountered.

Action: Follow the course of action recommended for the error messages which preceeded this error message, and if the product CICS support continues to terminate due to a fatal error condition, phone NEON Systems technical support for further assistance.

SWS0356I CICS SUPPORT ACTIVATED

Explanation: This message is issued when the product CICS server has received a notification that the connection(s) to the CICS region(s) have been established successfully.

Action: No action required. This is an informational message only.

SWS0357I EXCI SUPPORT TERMINATING

Explanation: This is an informational message which is issued when the product terminates it's EXCI support. If the EXCI support support is being terminated due to a fatal error condition this message will have been preceeded by error messages which depict the exact error condition encountered.

Action: Follow the course of action recommended for the error messages which preceded this error message, and if the product EXCI support continues to terminate due to a fatal error condition, phone NEON Systems technical support for further assistance.

SWS0358I EXCI SUPPORT ACTIVATED

Explanation: This message is issued when the product EXCI server has received a notification that the connection(s) to the EXCI region(s) have been established successfully.

Action: No action required. This is an informational message only.

SWS0359T text

Explanation: This is a general purpose message that may or may not indicate some type of EXCI error.

Action: Read the message text carefully. Some messages produced under this message ID are actually error messages. If the message indicates an error. Check for any associated EXCI produced error messages. If you are unable to diagnose the problem contact NEON Systems for assistance.

The variable fields of the message text are:

text   the text of the message.

SWS0360S NO MATCHING CONNECTION NAME rsrce FOR DEFINE SESSION

Explanation: A DEFINE SESSION statement in the initialization exec specified a CONNECTION name for which there is no corresponding DEFINE CONNECTION statement. The message text contains the name of the erroneous DEFINE SESSION name.

Action: Check the session name in the error message. Correct the DEFINE SESSION statement.

The variable fields of the message text are:

rsrce   resource name value

SWS0361I %1 OF %2 SESSIONS CONNECTED TO %3

Explanation: The number of active sessions to a specific CICS

Action: No action required. This is an informational message only.

SWS0362I NO ACTIVE SESSION TO %1

Explanation: There is currently no active session to a specific CICS

Action: No action required. This is an informational message only.

SWS0363T ACQUISITION OF SESSION TO %1 FAILED

Explanation: Acquistion of a session failed. This may not be an error.

Action: No action required. This is an informational message only.

SWS0380T ABEND in Shadow/Rexxtools DYNALLOC Intercept CMP=var1, RS=var2, SVC-99-Plist=var3

Explanation: An unexpected ABEND has occurred within the Rexx-tools Dynamic Allocation Interception/Screening routine.

Action: The ABEND is percolated for handling by REXXTools.

The variable fields of the message text are:

var1	ABEND completion code
var2	ABEND reason code
var3	DYNALLOC Request Block Pointer word address

SWS0400S service OF desc FAILED, RC=rc

Explanation: This is a generic error message used to describe a wide variety of RRS initialization and termination errors. The message text provides the current operation and what the current operation was trying to do.

Action: Check the error messages and the return code associated with this problem. there may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error mes-sages and restart the product. If the problem cannot be resolved contact NEON Systems to obtain additional assistance.

The variable fields of the message text are:

service	current operation, GETMAIN, FREEMAIN, ATTACH etc.
desc	description
rc	return code

SWS0401S service PASSED desc - code

Explanation: This is a generic error message used to describe a wide variety of RRS initialization and termination errors. The message text provides the current operation and what data (valid or invalid) was passed to the current operation.

Action: Check the error messages and the return code associated with this problem. there may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems to obtain additional assistance.

The variable fields of the message text are:

service	current operation, INIT/TERM etc.
desc	description
code	code

SWS0402S service TO desc FAILED, RC=rc

Explanation: This is a generic error message used to describe a wide variety of RRS initialization and termination errors. The message text provides the current operation and what the current operation was trying to do.

Action: Check the error messages and the return code associated with this problem. There may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems to obtain additional assistance.

The variable fields of the message text are:

service	current operation, GETMAIN, FREEMAIN, ATTACH etc.
desc	description
rc	return code

SWS0403S RRS rsrce NAME MISSING

Explanation: A resource name needed by the RRS product feature is missing. The current operation will be terminated. The message text contains the name of the missing resource.

Action: Check the resource name in the error message. Set the resource name using a product parameter.

The variable fields of the message text are:

rsrce   resource name value

SWS0404I RRS SUPPORT TERMINATING

Explanation: This is an informational message which is issued when the product terminates it's RRS support. If the RRS support support is being terminated due to a fatal error condition this message will have been preceeded by error messages which depict the exact error condition encountered.

Action: Follow the course of action recommended for the error messages which preceeded this error message, and if the product RRS support continues to terminate due to a fatal error condition, phone NEON Systems technical support for further assistance.

SWS0405I RRS SUPPORT ACTIVATED

Explanation: This message is issued when the product RRS server has received a notification that the connection(s) to the RRS region(s) have been established successfully.

Action: No action required. This is an informational message only.

SWS0406H text

Explanation: This is a general purpose message that may or may not indicate some type of RRS error.

Action: Read the message text carefully. Some messages produced under this message ID are actually error messages. If the message indicates an error. Check for any associated RRS produced error messages. If you are unable to diagnose the problem contact NEON Systems for assistance.

The variable fields of the message text are:

text   the text of the message.

SWS0407E FAILURE TRYING TO REGISTER WITH RRS

Explanation: This message is issued when the RRS Register Resource Manager call is unsuccessful. Shadow is unable to use RRS services, and two-phase-commit support is disabled.

Action: Make sure MVS is at level OS/390 2.4 or above, and that RRS is included in the operating system.

SWS0408E ERROR SETTING RRS EXITS, CHECK RRS STATUS

Explanation: This message is issued when the RRS Set Exit Information call is unsuccessful. This usually indicates that the RRS subsystem is not up and running. Shadow will try to establish its RRS exits when it hears from RRS that it is up and running. RRS support and two-phase-commit supprt will not be available until Shadow can successfully connect to RRS.

Action: Check to see if the RRS subsystem is up and running, and if not start it.

SWS0409E RRS %1 EXIT MANAGER UNAVAILABLE

Explanation: This message is issued when RRS alerts Shadow that an IBM exit manager for RRS has become unavailable. This causes Shadow to lose its connection to RRS immediately. Shadow will try to reconnect again when it hears RRS is up and running. RRS support and two-phase-commit supprt will not be available until Shadow can successfully reconnect to RRS.

Action: Check to see if the RRS subsystem is up and running, and if not start it.

SWS0410E SHADOW RRS EXITS HAVE BEEN UNSET

Explanation: This message is issued when RRS alerts Shadow that the Shadow RRS exits have become unset, due to some error condition. This causes Shadow to lose its connection to RRS. RRS support and two-phase-commit support will not be available.

Action: This indicates an error which should not occur. Contact Neon support.

SWS0411E THE DISTRIBUTED TRANSACTION WITH XID The WAS HEURISTICALLY COMMITTED, BUT THE CLIENT-SIDE TRANSACTION MANAGER WANTED THE TRANSACTION ROLLED-BACK

Explanation: The portion of a distributed transaction that ran under Shadow on MVS was committed heuristically (either manually or by a program, but not by the client-side transaction manager). The transaction manager has just informed Shadow that it wanted the transaction rolled-back. The data involved in the overall transaction may now be in an inconsistent state - partially committed and partially rolled-back.

Action: This situation may need to be corrected manually. The data that got committed on MVS may need to be backed out, and the data sources restored to their state before the transaction. Note that the committed data may have already been accessed by later programs and transactions.

The variable fields of the message text are:

The	GTRID portion of the client-side transaction manager assigned XID (for the transaction involved).

SWS0412E THE DISTRIBUTED TRANSACTION WITH XID The WAS HEURISTICALLY ROLLED BACK, BUT THE CLIENT-SIDE TRANS-ACTION MANAGER WANTED THE TRANSACTION COMMITTED

Explanation: The portion of a distributed transaction that ran under Shadow on MVS was backed out heuristically (either manually or by a program, but not by the client-side transaction manager). The transaction manager has just informed Shadow that it wanted the transaction committed. The data involved in the overall transaction may now be in an inconsistent state - partially committed and partially rolled-back.

Action: This situation may need to be corrected manually. The data that got backed out on MVS may need to be re-applied. Note that the data sources may have already been accessed by later programs and transactions.

The variable fields of the message text are:

The   GTRID portion of the client-side transaction manager assigned XID (for the transaction involved).

SWS0413E THE DB2ATTACHFACILITY PARAMETER IS NOT SET TO RRSAF, RRS SUPPORT TERMINATED'

Explanation: The Shadow DB2ATTACHFACILITY must be set to use the Recoverable Resources Attach Facility (RRSAF) for RRS support to work properly.

Action: Modify the Shadow Parameter dataset member.

SWS0414E RRS RECOVERY TABLE SIZE EXCEEDED -- TRANSAC-TION ABORTED'

Explanation: The RRS Recovery Table size was exceeded. A transaction was aborted which will be indicated in another message.

Action: Increase the number of entries in the Resource Recovery System Recovery Table which is specified by the Shadow Parameter RECTABLEENTRIES. If this parameter is not specified, the value defaults to 400 entries.

SWS0415E INCOMPATIBLE NEON SUPPLIED DRIVER ON CLIENT SYSTEM --TRANSACTION ABORTED'

Explanation: An incompatible Neon-supplied ODBC driver was encountered on the Client system.

Action: Download the latest Neon-supplied driver for the Client system at www.neonsys.com or call support.

SWS0416E ZERO COLUMNS RETURNED FROM PREPARE -- ERROR IN SYSTEM'

Explanation: Zero columns were returned from Prepare. This is most likely due to an error in OS/390, RRS and/or DB2.

Action: Call Neon Support for the latest information as to how to bypass this problem.

SWS0417E RRS IS NOT ACTIVATED FOR THIS SERVER -- XA TRANSACTION ABORTED.'

Explanation: When this server was initialized, it either was not instructed to activate an RRS connection or the initialization for connection failed.

Action: If the initialization parameters specify that RRS is to be activated, review the messages created when this Server was initialized and correct any associated problems.

SWS0500E Vendor Table Error

Explanation: During initialization, the Neon vendor table entry in the CVT Extension contained an invalid value. The Neon entry in the table is located at decimal offset 184, hex offset B8. The full word value contained there was not 0's, but did not point to an existing Neon data area. The product cannot initialize.

Action: Determine who/what is responsible for creating the invalid entry in the table, clear the word to x'00's, and restart Shadow. Caution should be used when deciding to clear the entry. Most likely another ISV has inadvertently used this entry. Clearing it to 0's could cause problems for some other product.

SWS0501E service OF desc FAILED, RC=rc

Explanation: This is a generic error message used to describe a variety of Query Server initialization and termination errors. The message text provides the information about the current operation.

Action: Check the error messages and the return code associated with this problem. There may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems to obtain additional assistance.

The variable fields of the message text are:

service	current operation, GETMAIN, FREEMAIN, ATTACH etc.
desc	description
rc	return code

SWS0502E ss DIRECTORY TABLE ENTRY EXISTS

Explanation: During initialization, the Query Server Directory table was found to contain an entry with the same sub-system id as the one being started. Most likely, a Query Server address space is active on this MVS image with this sub-system name.

Action: Determine if a Query Server address space is currently active with this sub-system name. If so, and it is necessary to start another Query Server address space, change the sub-system name and restart. If no other Query Server is active with this sub-system name, contact Neon customer support.

SWS0503E NO ERLY EXISTS FOR DB2 %1

Explanation: During initialization, no ERLY control block was found for the named DB2 sub-system. The ERLY block is created during IPL processing from MVS parmlib information. One ERLY is created for each DB2 system named in parmlib. Without an ERLY, a DB2 system cannot be started.

Action: The Query Server continues with initialization, but ignores all information relating to the named DB2 sub-system. If this DB2 is the only DB2 sub-system to be served by this Query Server, you will need to do one of the following: 1) Stop and restart this Query Server after correcting the DEFINE verb in the input statements. 2) Modify the Query Server parameters online after initialization completes.

SWS0504E %1 DB2 OWNED BY ANOTHER QUERY SERVER

Explanation: During initialization, the DB2 sub-system identified in the message was found in the Directory Entry of an existing Query Server on this MVS image.

Action: The Query Server continues with initialization, but ignores all information relating to the named DB2 sub-system.

SWS0505E %1 DB2 MEPL SEARCH ERROR

Explanation: During initialization, the MEPL list was searched for an entry that was not found.

Action: The Query Server continues with initialization, but ignores all information relating to the named DB2 sub-system.

SWS0506E %1 DB2 PC/AUTH ETE RESET FAILED

Explanation: During initialization, the ETE entry for this Query Server and this DB2 was found to be pointing to a previous copy of Neon's PC. An attempt to reset the ETE entry was unsuccessful. Most likely, a previous Query Server was NOT able to terminate without error.

Action: The Query Server continues with initialization, but ignores all information relating to the named DB2 sub-system.

SWS0507E %1 DB2 PC/AUTH ETE RESET FAILED

Explanation: During initialization, the ETE entry for this Query Server and this DB2 was found to be pointing to an unidentifiable object. It was not Neon code, and it was not DB2. A reset was attempted, but was unsuccessful.

Action: The Query Server continues with initialization, but ignores all information relating to the named DB2 sub-system.

SWS0508E %1 DB2 PC/AUTH ETE ENTRY UNKNOWN

Explanation: During initialization, the ETE entry for this Query Server and this DB2 was found to be pointing to code that was unidentifialbe. Most likely, another ISV has modified the ETE table prior to NEon.

Action: The Query Server continues with initialization.

SWS0509E %1 DB2 QUERY SERVER INIT ERROR

Explanation: An error occurred during the final phase of initialization. One or more error messages describing the error should accompany this error message.

Action: The Query Server continues with initialization, but ignores all information relating to the named DB2 sub-system.

SWS0510E %1 DB2 QUERY SERVER %2 ERROR

Explanation: The Query Server main task for the named DB2 system encountered an error from the common sub-routine. Either ECB WAIT or STIMER.

Action: The Query Server main task terminates for the named DB2 sub-system.

SWS0511E %1 DB2 SSCTSUSE ERROR

Explanation: The SSCTSUSE field for the named DB2 was either 0's or was not pointing to an ERLY block.

Action: The Query Server continues with initialization, but ignores all information relating to the named DB2 sub-system.

SWS0512I %1 DB2 MAIN TASK PC RESET ERROR

Explanation: During termination of the Query Server main task for the named DB2, an attempt was made to reset the NEON/DB2 PC entry. The attempt was unsuccessful.

Action: The Query Server termination continues.

SWS0513I %1 DB2 MAIN TASK PC ERROR

Explanation: During termination of the Query Server main task for the named DB2, the PC ETE entry was not pointing to NEON code.

Action: The Query Server termination continues.

SWS0514I QUERY SERVER TABLE PREFIX %1 ERROR

Explanation: During initialization, the special DB2 table name prefix contained other than alphanumeric data.

Action: The table name prefix is ignored. Initialization continues.

SWS0515E MAXIMUM NUMBER OF DB2 SUB-SYSTEMS PREVI-OUSLY DEFINED.MAX = %1. DEFINE FOR DB2 SSID %2 IGNORED.

Explanation: During initialization, the input parameter dataset contains more db2 sub-system statements than the max set by QSMAXDB2, or by default.

Action: All parameter statements pertaining to this db2 sub-system are ignored.

SWS0516E DUPLICATE DB2 SUB-SYSTEM DEFINITION FOR DB2 SSID %1

Explanation: During initialization, the input parameter dataset contains more then one define for the same db2 sub-system id.

Action: All parameter statements within the subsequent define for this db2 are ignored.

SWS0517E RETURN CODE %1 FROM ALESERV ADD OF DB2 MASTER for %2

Explanation: During initialization, the Query Server needs to add the DB2 master address space to it's PASN-AL. The ALESERV ADD function was unsuccessful.

Action: The Query Server cannot process SQL for this DB2.

SWS0900E service OF var2 FAILED, RC=rc

Explanation: During compilation or execution of a REXX program, an MVS service returned a non-zero error code. One of the following occurred: 1.a file failed to open or close 2.a failure in writing a record ('write' or 'endreq') 3.storage for a control block could not be obtained or freed 4.parsing of the command failed

Action: Take action depending on which of the above cases: 1. Check for message indicating why the file failed to open or close. Most likely either the SYSEXEC file name was not allocated properly (e.g. allocated to a sequential file instead of a partitioned data set). 2. If a 'write' or 'endreq' failed message was issued, check the status of the PDS allocated in the SWSCOMP or SWSCOMP DD. It may not be allocated properly (e.g. it ran out of space). 3. If the error reported a GETMAIN, allocate or allocation failure, you may have to increase the TSO region size for your TSO session. 4. Check the command you issued for incorrect syntax.

The variable fields of the message text are:

service	Open, close, GETMAIN, FREEMAIN, allocate/allocation, delete/deletion, IKJPARS
var2	DDNAME (for open/close) control block name (all other cases)
rc	Return code

SWS0901E CANNOT OPEN mem (ABEND abcd AT mod+off)

Explanation: During the open processing of the REXX program to be run an abend occurred. The PDS member containing the REXX source program could not be opened because of the abend.

Action: Ensure that the given library is a PDS similar by definition to the other Shadow supplied REXX libraries. Check the IBM message and codes manuals for the abend code. Most likely the member does not exist or the data set attributes are in error (sequential DSORG, or the LRECL and BLKSIZE are not compatible). if a system 913 abend code is reported, dataset access has been disallowed by your security subsystem.

The variable fields of the message text are:

mem	Member name
abcd	Abend code
mod	Module name
off	Module offset

SWS0902E CANNOT FIND PROGRAM pgmname ddn var3

Explanation: The REXX interpreter (SWSI, SWSX, SWSI, or SWSX TSO command processor) could not locate the specified REXX program in the dataset allocated to the SYSEXEC DDNAME (for SWSI or SWSI) or the dataset specified on the SWSX or SWSX commands.

Action: Make sure the program name being executed exists in one of the SYSEXEC concatenated datasets (for SWSI or SWSI) or in the data set specified on the SWSX or SWSX command. Check the spelling of the program name.

The variable fields of the message text are:

pgmname	Pgm name
ddn	DDNAME
var3	None

SWS0903E ERROR 43 var1 caller, LINE callline: ROUTINE routine NOT FOUND

Explanation: While compiling a REXX program the REXX interpreter could not locate a routine called by the main program or called by one of its subroutines.

Action: Check the calling program (described in this message) to make sure that the subroutine name is spelled correctly. if spelling is correct, the missing routine must be added to a library allocated to the SYSEXEC DDNAME or to the same library in which the calling program resides.

The variable fields of the message text are:

var1	Type of compiler request
caller	Calling pgm
callline	Calling pgm line number
routine	The name of the missing routine

SWS0906I NO SYNTAX ERRORS FOUND DURING SCAN

Explanation: The compiler found no syntax errors during an s__scan. This is an informational message.

Action: None. The program was scanned successfully.

SWS0907S ABEND abcd OCCURRED AT csect+off OF PGM PGM

Explanation: An abend occured during the execution of a REXX pgm by the REXX interpreter (S__i or S__X TSO command). the REXX pro-gram being executed at the time of the abend are shown in this message.

Action: Check the line being executed at the time of the abend. check the abend code in the IBM messages and codes manual and follow action stipulated there.

The variable fields of the message text are:

abcd	Abend code
csect	CSECT name
off	Module offset
PGM	Program name

SWS0908E PROGRAM PGM IS TOO LARGE - INPUT BUFFER OVERFLOW

Explanation: The REXX interpreter (S__I or S__X TSO command) could not successfully compile a REXX program because it is too large.

Action: Split the program into smaller subroutines. This error is directly related to the number and length of source input lines in a single REXX program.

The variable fields of the message text are:

PGM   Program name

SWS0909E PROGRAM PGM - ARG LENGTH (length) EXCEEDS MAXIMUM LENGTH (length)

Explanation: The length of the argument string for the REXX program exceeds the implementation limit.

Action: Check if there are an excessive number of blanks in the argu-ment string. If so remove the blanks from the argument string. If you need to pass long values to an REXX program use global variables to pass the values.

The variable fields of the message text are:

PGM	Program name
length	Length of argument string
length	Argument string implementation limit

SWS0911E MISSING REXX PROGRAM NAME

Explanation: The OI command was invoked using the TSO call com-mand without a parm field (containing the REXX program name to exe-cute), or the OI command was invoked from within ISPF edit and the ISPF environment could not be established.

Action: If it was invoked via the TSO call command, you must add the parm field with a REXX program name (and optional arguments) other-wise, contact NEON Systems technical support.

SWS0912E MISSING REXX PROGRAM NAME DETECTED AT - ad

Explanation: The OI or OX TSO command was invoked without a program name.

Action: You must specify a program name on the OI or OX TSO command. Refer to the Shadow Reference for proper command syntax.

SWS0913E INVALID REXX PROGRAM DETECTED - text

Explanation: The REXX program name specified is invalid. It must be a a valid PDS member name and cannot exceed 8 characters in length.

Action: Specify a valid REXX program name. Refer to the Shadow Reference for proper command syntax.

The variable fields of the message text are:

text   Command text data

SWS0914E UNKNOWN RETURN CODE FROM PARSE ROUTINE, RC=rc

Explanation: An unexpected return code was received from the internal parse routine

Action: Call Shadow technical support for assistance on this

The variable fields of the message text are:

rc   Return code

SWS0915E BATCH OR TSO CALL PARM STRING TOO LONG

Explanation: The parm field passed to a batch program or a program invoked by TSO call cannot exceed 100 characters

Action: Reduce the length of the parm string. Contact NEON Systems technical support to obtain additional assistance.

SWS0916E routine BUILTIN FUNCTION NOT FOUND - CALLED BY caller

Explanation: A compatibility problem between the Shadow subsystem in use and the pre-compiled REXX program being re-loaded. An Shadow builtin function that was to be used by the pre-compiled REXX program no longer exists.

Action: Check the subsystem release levels used when the REXX pgm was compiled. It may be necessary to recompile the REXX program again under the current Shadow subsystem (oicomp).

The variable fields of the message text are:

routine	The name of the missing routine
caller	Calling pgm

SWS0917E ERROR SAVING THE COMPILED OUTPUT IN %1

Explanation: An error occured while attempting to save a pre-compiled program. This message is accompanied by an earlier message detailing the cause of the error.

Action: Check the previous error message for possible actions.

SWS0918E CANNOT SAVE PROGRAM pgm ddn var3

Explanation: The REXX interpreter (SWSICOMP or SWSICOMP TSO command processor) could not locate the required 'SWSCOMP' or 'SWSCOMP' DDNAME.

Action: Make sure the SWSCOMP or SWSCOMP DD is allocated with a valid PDS before attempting the 'SWSICOMP' or 'SWSICOMP' command again.

The variable fields of the message text are:

pgm	Pgm name
ddn	DDNAME
var3	None

SWS0919I SUCCESSFUL COMPILE AND SAVE OF pgm IN ddn

Explanation: THE REXX INTERPRETER (SWSICOMP, SWSX-COMP, SWSICOMP or SWSXCOMP commands) was successful in compiling and saving the REXX program.

Action: Informational only.

The variable fields of the message text are:

pgm   Pgm name
ddn   DDNAME

SWS0920E REBUILD FAILED FOR COMPILED REXX PROGRAM - pgm

Explanation: The REXX interpreter command processor was attempting to rebuild an REXX program from a previously compiled PDS member when the failure occured.

Action: Check for other error accompanying error messages. You may have to delete the compiled version of the program and re- compile it again. Or just execute the REXX source program.

The variable fields of the message text are:

pgm   Pgm name

SWS0921W ALLOCATION OF COMPILED LIBRARY (dsn) FAILED

Explanation: Shadow attempted to allocate the library that have the compiled versions of REXX programs. The dynamic allocation failed.

Action: Make sure that the dataset name specified in the first panel of this application is valid. Contact the person at your installation who is responsible for the Shadow product to get the proper dataset name.

The variable fields of the message text are:

dsn   Dataset name specified in main panel

SWS0922W ITRACE KEYWORD NOT ALLOWED DURING COMPILE ONLY REQUEST

Explanation: Setting the initial trace value for a compile only request is not allowed.

Action: Do not specify the ITRACE keyword in a compile only request. The ITRACE value only has meaning during the execution phase of REXX.

SWS0923S COMPILE ALL FAILED - ERROR READING THE DIRECTORY OF DSN

Explanation: A compile only request was requested for an entire PDS but an error was detected while reading the directory.

Action: Try to browse the dataset using ISPF and see if the member list directory is accessible for the PDS. If not contact your local DASD administrator for possible dataset recovery. If you are able to browse the dataset and list its members properly contact NEON Systems technical support to obtain additional assistance.

The variable fields of the message text are:

DSN   Dataset name

SWS0990E RUNNING PGMNAME: INCOMPATIBLE CONTROL BLOCKS

Explanation: The REXX program was compiled with an older version of the Shadow/REXX interface module. The REXX control blocks in the compiled module are incompatible with the current version.

Action: This error should only occur when executing a pre-compiled saved version of a program or rule. If so the program or rule should be recompiled and then reexecuted. If not contact NEON Systems technical support services for further assistance.

The variable fields of the message text are:

PGMNAME   REXX program name

SWS0991E RUNNING PGMNAME: INTERNAL ERROR DETECTED AT ad

Explanation: The REXX interface module detected an internal error.

Action: There may be other error messages related to this condition. This error may be caused by a REXX workspace overflow condition. If this is the case refer to message 0998 for additional information. Otherwise contact NEON Systems technical support services for further assistance.

The variable fields of the message text are:

PGMNAME   REXX program name

SWS0997T LNO' TRACE MESSAG

Explanation: Informational message only. This message gives the output from the REXX TRACE command when used in a rule.

Action: Informational only. No action is required.

The variable fields of the message text are:

LNO   REXX program line number

SWS0998E RUNNING PGMNAME LINE LNO: COMPILER WORK SPACE OVERFLOW (VAR1 VAR2)

Explanation: The program or rule used up all of the available REXX variable work space.

Action: In either case check if the program is incorrectly creating too many variables. If so correct the program and retry the operation. If the program is operating correctly then the work space size may be too small. In the rule environment the SEFSIZE parameter needs to be increased and Shadow restarted. In the case of an Shadow/REXX program (SWSI command) use the workspace keyword parameter to override the default size. For WWW rules, override the default workspace specification by coding the WORKSPACE() operand on the /*WWW header statement for the rule.

The variable fields of the message text are:

PGMNAME	REXX program name
LNO	REXX program line number
VAR1	Amount of work space requested
VAR2	Amount of work space available

SWS0999E STAX var1 MACRO FAILED - RC=rc

Explanation: The STAX macro failed with the indicated return code while the Shadow/REXX compiler was trying to initialize or terminate execution of a REXX program.

Action: Record the error message and return code. Contact NEON Systems technical support services to obtain additional assistance.

The variable fields of the message text are:

var1	Indicator to show type of STAX macro call (ON or OFF)
rc	Return code from STAX macro (from reg 15)

SWS1000I text

Explanation: The Shadow message used for SAY statements

Action: No action needed

The variable fields of the message text are:

text   The text of the REXX "SAY" statement.

SWS1004I ERROR 4 PROCESS PGMNAME, LINE LNO: PROGRAM INTERRUPTED

Explanation: The system halted the execution of a REXX program because of some error, or by user request. Unless trapped by signal on halt this will make the language processor immediately cease execution with this message.

Action: Information message

The variable fields of the message text are:

PROCESS   Compiling or running
PGMNAME   REXX program name
LNO   REXX program line number

SWS1005I ERROR 5 PROCESS PGMNAME, LINE LNO: MACHINE RESOURCES EXHAUSTED

Explanation: While attempting to execute a REXX program, the language processor was unable to obtain the resources it needed to continue execution. The following items may be the cause of this message: the external data queue is full. all available storage has been used.

Action: Try increasing the size of the external data queue or the amount of storage available to the program.

The variable fields of the message text are:

PROCESS   Compiling or running
PGMNAME   REXX program name
LNO   REXX program line number

SWS1006I ERROR 6 var1 var2, LINE LNO: UNMATCHED "/*" OR QUOTE

Explanation: A comment or a literal string was started but never finished this may be detected at the end of the program (or at the end of an interpret instruction) for comments, or at the end end of a line for strings.

Action: Examine the rule or REXX program and correct the string

The variable fields of the message text are:

var1	None
var2	None
LNO	REXX program line number

SWS1007I ERROR 7 PROCESS PGMNAME, LINE LNO: WHEN OR OTHERWISE EXPECTED

Explanation: Within a select construct, at least one when construct (and possibly an otherwise clause) is expected. If any other instruction is found (or no when construct is found before otherwise) then this message results. This is commonly caused by forgetting the do and end around the list of instructions following a when.

Action: Examine the REXX program and correct the error.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1008I ERROR 8 PROCESS PGMNAME, LINE LNO: UNEX-PECTED THEN OR ELSE

Explanation: A then or an else has been found that does not match a corresponding if (or when) clause. This error often occurs because of a missing end or do...end in part of a complex if...then...else construct.

Action: Examine the program and correct the error.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1009I ERROR 9 PROCESS PGMNAME, LINE LNO: UNEX-PECTED WHEN OR OTHERWISE

Explanation: A when or otherwise has been found outside of a select construct. It may have been enclosed unintentionally in a do ... end con-struct by leaving off an end instruction; or an attempt may have been made to branch to it with a signal instruction, which cannot work as a select is terminated by a signal.

Action: Examine your program and fix the part in error.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1010I ERROR 10 PROCESS PGMNAME, LINE LNO: UNEX-PECTED OR UNMATCHED END

Explanation: There are more ends in the program than do's and selects, or the end's are wrongly placed so they do not match the do's and select's. It may be useful to use trace scan to show the structure of the program and hence make it more obvious where the error is. A common mistake that causes this error is attempting to jump into the middle loop using the signal instruction. This error will also be generated if an end immediately follows a then or an else.

Action: Examine the line in error and correct the REXX program.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1011I ERROR 11 PROCESS PGMNAME, LINE LNO: CONTROL STACK FULL

Explanation: An implementation limit of levels of nesting of control structures (do...end,if...then... else,etc) has been exceeded. The message should state the actual restriction. this error could be due to a looping interpret instruction. this could also be caused by infinite recursive calls.

Action: Examine the line in error and fix the program.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1012I ERROR 12 PROCESS PGMNAME, LINE LNO: CLAUSE TOO LONG

Explanation: There may be an implementation restriction that limits the length of the internal representation of a clause. This message is generated if this limit is exceeded. See the section 'implementation limits' in Appendix A of the Shadow/REXX reference manual for a list of these limits.

Action: Reduce the length of literal and hexadecimal strings that exceed the documented limits.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1013I ERROR 13 PROCESS PGMNAME, LINE LNO: INVALID CHARACTER IN PROGRAM

Explanation: The program includes a character outside the literal quoted string that is not alphanumeric or one of the acceptable special characters.

Action: Examine the line in error - correct the invalid character.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1014I ERROR 14 PROCESS PGMNAME, LINE LNO: INCOMPLETE DO/SELECT/IF

Explanation: On reaching the end of the program (or the end of the string in an interpret instruction) it has been detected that there is a do or select without a matching end, or an if that is not followed by a then clause to execute.

Action: Find the unbalanced do or select and correct it.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1015I ERROR 15 PROCESS PGMNAME, LINE LNO: INVALID HEXADECIMAL OR BINARY CONSTANT

Explanation: Hex constants may not have leading or trailing blanks, and may only have embedded blanks at byte boundaries. Only the digits 0 - 9 and the letters a-f,a-f are allowed. binary strings may only have blanks added at the boundaries of groups of four binary digits, and only the digits 0 and 1 are allowed. the error may also be caused by following a literal string by the one character symbol "x" when the string is not intended to be taken as a hexadecimal specification, or by the symbol "b" when the string is not intended to be taken as a binary specification. . use the explicit concatenation operator, "| |", in this situation to concatenate the string to the value of the symbol.

Action: Locate the error on the line and correct.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1016I ERROR 16 PROCESS PGMNAME, LINE LNO: LABEL NOT FOUND

Explanation: A signal instruction has been executed (or an event for which a trap was set occurred) and the label specified cannot be found in the program.

Action: Correct the error and rerun the program.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1017I ERROR 17 PROCESS PGMNAME, LINE LNO: UNEX-PECTED PROCEDURE

Explanation: A procedure instruction was encountered which was not the first instruction executed after a call or function invocation. A possible cause of this is "dropping through" into an internal routine rather than invoking it properly.

Action: Examine line 3 - correct the problem and rerun.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1018I ERROR 18 PROCESS PGMNAME, LINE LNO: THEN EXPECTED

Explanation: All if and when clauses in REXX must be followed by a then clause. Some other clause was found when a then was expected.

Action: Examine the line and correct the error.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1019I ERROR 19 PROCESS PGMNAME, LINE LNO: STRING OR SYMBOL EXPECTED

Explanation: Following either the keyword call or the sequence signal on or signal off, a literal string or a symbol was expected but neither was found.

Action: Add the literal string or symbol needed.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1020I ERROR 20 PROCESS PGMNAME, LINE LNO: SYMBOL EXPECTED

Explanation: In the clauses end, iterate, leave, numeric, parse and procedure a symbol can be expected. Either it was not present when required, or some other token was found. alternately, drop, and the expose option of procedure, expect a list of symbols. Some other token was found.

Action: Correct the REXX program and rerun

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1021I ERROR 21 PROCESS PGMNAME, LINE LNO: INVALID DATA ON END OF CLAUSE

Explanation: A clause such as select or nop is followed by some token other than a comment.

Action: Correct the line and rerun the REXX program.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1022I ERROR 22 PROCESS PGMNAME, LINE LNO: INVALID CHARACTER STRING

Explanation: This error results if a literal string contains character codes that are not valid in a particular implementation. this might be because some characters are impossible, or because the character set is extended in some way and certain character combinations are not allowed.

Action: Examine the line and correct the error.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1024I ERROR 24 PROCESS PGMNAME, LINE LNO: INVALID TRACE REQUEST

Explanation: The setting specified on a trace instruction(or as the argu-ment to the trace built in function) starts with a character that does not match one of the valid trace settings. This error is also raised if an attempt is made to request trace scan when inside any kind of control construct.

Action: Contact NEON Systems technical support to obtain additional assistance.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1025I ERROR 25 PROCESS PGMNAME, LINE LNO: INVALID SUB-KEYWORD FOUND

Explanation: An unexpected token has been found in the position in an expression where a particular sub-keyword was expected.

Action: Correct the line and resubmit.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1026I ERROR 26 PROCESS PGMNAME, LINE LNO: INVALID WHOLE NUMBER

Explanation: The expression for digits or fuzz in the numeric instruction, or a parsing positional parameter, or in a repetition phrase of a do clause, or the right-hand term of the power("*") operator, did not evaluate to a whole number (or is greater than the implementation limit, for these uses). This error is also raised if a negative repetition count is found in a do clause.

Action: Fix it, mix it and rerun it.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1027I ERROR 27 PROCESS PGMNAME, LINE LNO: INVALID DO SYNTAX

Explanation: Some syntax error has been found in the do instruction. this might be using the 'to', 'by', or 'for' sub-keywords twice, or using the 'to', 'by', or 'for' sub-keywords when there is no control variable specified.

Action: Fix the error and rerun the job.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1028I ERROR 28 PROCESS PGMNAME, LINE LNO: INVALID LEAVE OR ITERATE

Explanation: A leave or iterate instruction was encountered in an invalid position. Either no loop is active, or the name specified on the instruction does not match the control variable of an active loop. Note that since internal routine calls and the interpret instruction protect do loops they become inactive. a common cause of this error is attempting to use the signal instruction to tranfer control within or into the loop.

Action: Fix the problem on the line and rerun the job.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1029I ERROR 29 PROCESS PGMNAME, LINE LNO: ENVIRON-MENT NAME IS TOO LONG

Explanation: The environment name specified by the address instruction is longer than permitted for the system under which REXX is running. This message should state the maximum length permitted.

Action: Correct the problem and rerun the REXX program.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1030I ERROR 30 PROCESS PGMNAME, LINE LNO: NAME OR STRING TOO LONG

Explanation: This error results if there is an implementation limit on the length of a variable name or label name (or on the length of a literal string) and it is exceeded.

Action: Fix the error and rerun the REXX program.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1031I ERROR 31 PROCESS PGMNAME, LINE LNO: NAME STARTS WITH NUMBER OR "."

Explanation: A value may not be assigned to a variable whose name starts with a numeric digit or a period, since if it were allowed one could redefine numeric constants.

Action: Correct the error and rerun the REXX program.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1033I ERROR 33 PROCESS PGMNAME, LINE LNO: INVALID EXPRESSION RESULT

Explanation: The result of an expression in an instruction was found to be invalid in the particular context it was used. This may be due to an illegal fuzz, or digits value in a numeric instruction. (fuzz may not become larger than digits)

Action: Call Shadow technical support for assistance on this

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1034I ERROR 34 PROCESS PGMNAME, LINE LNO: LOGICAL VALUE NOT 0 OR 1

Explanation: The expression in an if, when, do while or do until phrase must result in a '0' or a '1', as must any term operated on by a logical operator.

Action: Fix the bug and rerun the program.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1035I ERROR 35 PROCESS PGMNAME, LINE LNO: INVALID EXPRESSION

Explanation: This is due to a grammatical error in an expression, such as ending it with an operator, or having two operators adjacent with nothing in between. It may also be due to an expression that is missing when one is required. A common error is to include special characters in an intended character expression without enclosing them in quotes.

Action: Examine the line and fix the problem, then rerun.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1036I ERROR 36 PROCESS PGMNAME, LINE LNO: UNMATCHED "(" IN EXPRESSION

Explanation: This is due to not pairing parentheses correctly within an expression. There are more left parentheses than right parentheses.

Action: Examine the line and fix the problem. Then rerun.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1037I ERROR 37 PROCESS PGMNAME, LINE LNO: UNEXPECTED "," OR ")"

Explanation: Either a comma has been found outside a function invocation, or there are too many right parentheses in an expression.

Action: Examine the line, and fix the problem.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1038I ERROR 38 PROCESS PGMNAME, LINE LNO: INVALID TEMPLATE OR PATTERN

Explanation: Within a parsing template, a special character that is not allowed has been found, or the syntax of a variable pattern is incorrect. This error may also be raised if the with sub-keyword is omitted in a parse value instruction.

Action: Examine the program and fix the problem.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1039I ERROR 39 PROCESS PGMNAME, LINE LNO: EVALUATION STACK OVERFLOW

Explanation: The expression is too complex to be evaluated by the language processor. There are too many nested parentheses, functions and so on. The message should state the actual restriction.

Action: Examine the program and simplify the expression.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1040I ERROR 40 PROCESS PGMNAME, LINE LNO: INCOR-RECT CALL TO ROUTINE

Explanation: The specified built in or external routine does exist but it has been used incorrectly. Either invalid arguments were passed to the routine or the program invoked was not compatable with the REXX language processor, or more than an implementation-limited number of arguments were passed to the routine.

Action: Examine the statement calling the routine and correct.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1041I ERROR 41 PROCESS PGMNAME, LINE LNO: BAD ARITHMETIC CONVERSION

Explanation: One of the terms involved in an arithmetic operation is not a valid number, or it's exponent exceeds the implementation limit.

Action: Examine the program and correct the problem.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1042I ERROR 42 PROCESS PGMNAME, LINE LNO: ARITH-METIC OVERFLOW/UNDERFLOW

Explanation: The result of an arithmetic operation requires an exponent that is outside the range supported by the implementation. this can happen during evaluation of an expression (commonly an attempt to divide a number by 0), or possibly during the stepping of a do loop control variable.

Action: Examine the program and correct the error.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1043I ERROR 43 PROCESS PGMNAME, LINE LNO: ROUTINE NOT FOUND

Explanation: A function has been invoked within an expression (or subroutine has been invoked by call) but it cannot be found. No label with the specified name exists in the program. It is not the name of a built in function, and the language processor has been unable to locate it externally. The name has probably been mis-typed, or it is possible a symbol or literal string is adjacent to a "(" when it was meant to be separated by a blank or some other operator. Functions referenced in an INTERPRET statement that are not Shadow builtin functions and have not been previously referenced will also result in this error.

Action: Examine the program and correct the error.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1044I ERROR 44 PROCESS PGMNAME, LINE LNO: FUNCTION DID NOT RETURN DATA

Explanation: An external function has been invoked within an expression, but even though it appeared to end without error, it did not return data for use within the expression.

Action: Examine the program and correct the error.

The variable fields of the message text are:

PROCESS   Compiling or running
PGMNAME   REXX program name
LNO   REXX program line number

SWS1045I ERROR 45 PROCESS PGMNAME, LINE LNO: NO DATA SPECIFIED IN FUNCTION RETURN

Explanation: The program has been called as a function, but an attempt is being made (by return) to return without passing back any data.

Action: Examine the program and correct the error.

The variable fields of the message text are:

PROCESS   Compiling or running
PGMNAME   REXX program name
LNO   REXX program line number

SWS1046I ERROR 46 PROCESS PGMNAME, LINE LNO: INVALID VARIABLE REFERENCE

Explanation: An attempt to indirectly reference a variable is invalid. This would most likely occur on an EXPOSE or INTERPRET instruction. For example: "EXPOSE (Y)" where Y is a number.

Action: Examine the program and correct the error.

The variable fields of the message text are:

PROCESS   Compiling or running
PGMNAME   REXX program name
LNO   REXX program line number

SWS1048I ERROR 48 PROCESS PGMNAME, LINE LNO: FAILURE IN SYSTEM SERVICE

Explanation: Some system service used by the REXX language processor (such as stream input or output) has failed to work correctly and hence normal execution cannot continue.

Action: Examine the program and correct the error.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1049I ERROR 49 PROCESS PGMNAME, LINE LNO: INTERPRE-TATION ERROR

Explanation: Implementations of the REXX language will normally carry out internal self consistency checks during execution. This message indicates that some kind of severe error has been detected within the language processor or execution process.

Action: Contact NEON Systems technical support for further assistance.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1064I ERROR 64 PROCESS PGMNAME, LINE LNO: UNIMPLE-MENTED FEATURE

Explanation: The program has used a REXX language feature which is not supported by this version of the REXX interpreter. Code 64 is an extended error code used only by NEON's REXX.

Action: Check documentation for support of the feature. Change REXX program to bypass use of the feature.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1066I ERROR 66 PROCESS PGMNAME, LINE LNO: AMPER-SAND VARIABLES UNSUPPORTED

Explanation: The program has used the ampersand as a prefix to a symbol. The REXX interpreter does not allow this.

Action: This error should not occur with Shadow. Contact NEON Systems technical support for further assistance.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1067I ERROR 67 PROCESS PGMNAME, LINE LNO: DUPLI-CATE LABEL

Explanation: The program has defined the same label name twice.

Action: Change the label on one of the two statements.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1068I ERROR 68 PROCESS PGMNAME, LINE LNO: FUNCTION NAME > 32 CHARACTERS

Explanation: The program has defined or referenced a function whose name exceeds the maximum function name length of 32 characters.

Action: Change the function name to a shorter name.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1069I ERROR 69 PROCESS PGMNAME, LINE LNO: FUNCTION HAS TOO FEW ARGUMENTS

Explanation: The program has called a function that requires more arguments than specified on the function call.

Action: Add the necessary arguments to the function call. check the documentation for the specified function.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1070I ERROR 70 PROCESS PGMNAME, LINE LNO: FUNCTION HAS TOO MANY ARGUMENTS

Explanation: The REXX program has called a function that requires fewer arguments than specified on the function call.

Action: Remove the superfluous arguments to the function call. check the documentation for the specified function.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1071I ERROR 71 PROCESS PGMNAME, LINE LNO: CODE VER-SION IS DOWN LEVEL

Explanation: The REXX program was compiled with a version of the REXX interpreter which is lower than the version used to execute the program.

Action: This error should only occur when executing a pre-compiled saved version of a program or rule. If so the program or rule should be recompiled and then reexecuted. If not contact NEON Systems technical support for further assistance.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1072I ERROR 72 PROCESS PGMNAME, LINE LNO: FUNCTION RETURNED UNASSIGNED STEM DATA

Explanation: A REXX function written in assembler has returned incorrect data.

Action: This error should not occur with Shadow. Contact NEON Systems technical support for further assistance.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1073I ERROR 73 PROCESS PGMNAME, LINE LNO: RECORD REFERENCE EXCEEDS VARIABLE VALUE

Explanation: This error should not occur with Shadow.

Action: This error should not occur with Shadow. Contact NEON Systems technical support for further assistance.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1074I ERROR 74 PROCESS PGMNAME, LINE LNO: MAX STATEMENT COUNT

Explanation: This error should not occur with Shadow.

Action: This error should not occur with Shadow. Contact NEON Systems technical support for further assistance.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1075I ERROR 75 PROCESS PGMNAME, LINE LNO: ELSE NEEDS SEMICOLON

Explanation: This error should not occur with Shadow.

Action: This error should not occur with Shadow. Contact NEON Systems technical support for further assistance.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1076I ERROR 76 PROCESS PGMNAME, LINE LNO: VARIABLE VALUE TOO LONG

Explanation: The REXX program attempted to assign a value to a variable. the string value exceeded the maximum allowed length.

Action: Shorten the string value.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1077I ERROR 77 PROCESS PGMNAME, LINE LNO: CODE AREA FULL

Explanation: The REXX program could not be compiled. The target code area is not large enough to hold the result of the compiled program.

Action: Shorten the REXX program by dividing it into subroutines and store these as separate members.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1080I ERROR 80 PROCESS PGMNAME, LINE LNO: PULL FOUND EMPTY QUEUE

Explanation: The REXX program executed a PULL instruction when the external data queue was empty.

Action: This error should not occur with Shadow. A null string is returned instead for compatability with older releases of Shadow/REXX. Contact NEON Systems technical support for further assistance.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1081I ERROR 80 PROCESS PGMNAME, LINE LNO: NOT SUP-PORTED WITHIN INTERPRET

Explanation: The REXX program executed an INTERPRET instruction that contained a REXX structure not supported in INTERPRET.

Action: Modify the interpreted code. Contact NEON Systems technical support for further assistance.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1082I ERROR 82 PROCESS PGMNAME, LINE LNO: ARRAY BOUNDARY EXCEEDED

Explanation: The REXX program was attempting to store an element of an array. The element number was larger than the declared dimension of the array.

Action: This error should not occur with Shadow. Contact NEON Systems technical support for further assistance.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1083I ERROR 83 PROCESS PGMNAME, LINE LNO: CODE BLOCK TOO LARGE, EVAL STACK FULL

Explanation: If this occurs during the compile phase then the program is using a structure too complex for the compiler to handle. This could occur if a SELECT statement has too many WHEN clauses or there are too many nested control structures.

Action: Reduce the complexity of the structure flagged and retry the compile. If this does not solve the problem contact NEON Systems technical support to obtain additional assistance.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1084I ERROR 84 PROCESS PGMNAME, LINE LNO: TOO MANY SYMBOLS, SYMBOL TABLE FULL

Explanation: If this occurs during the compile phase then the program is using too many symbols and the symbol table has overflowed.

Action: Reduce the number of symbols used by the program and retry the compile. If this does not solve the problem contact NEON Systems technical support to obtain additional assistance.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1085I ERROR 85 PROCESS PGMNAME, LINE LNO: INVALID USE OF EXTENDED VARIABLE TYPE

Explanation: The REXX program has attemted to use a variable in a manner that is not supported. This could occur if an Shadow global variable is used as the control variable in a controlled repetitive loop (e.g. DO GLOBAL.I = 1 TO 10).

Action: Modify the REXX program so that it does not use a global variable as the loop control variable.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1086I ERROR 86 PROCESS PGMNAME, LINE LNO: INVALID GLOBAL SYMBOL

Explanation: An Shadow/REXX global symbol whose derived name exceeds the Shadow/REXX global variable symbol length limit of 50 characters has been used.

Action: Check the statement in error and determine which symbol substitution caused the derived name of a global variable to exceed the specified limit. Modify the program to use a shorter derived name.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1087I ERROR 87 PROCESS PGMNAME, LINE LNO: INVALID INTERNAL OBJECT

Explanation: This is an internal Shadow/REXX error.

Action: Please contact NEON Systems technical support to obtain additional assistance.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1088I ERROR 88 PROCESS PGMNAME, LINE LNO: INTER-PRETER STACK ERROR

Explanation: This is an internal Shadow/REXX error.

Action: Please contact NEON Systems technical support to obtain additional assistance.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1090I var1var2var3var4var5var6var7var8var9var10var11

Explanation: Message : SWS1090I REXX abend in OPRXC-MRU+x'offset'. This message is normally accompanied by an OPS1049I message which relates to an error 49 in a given rule type.

Action: Check the given rule or in the case of a variable passed to the given error line make sure the variable is valid. Display fields such as 'RULE' and others in Trace Browse. For a test situation of the given rule or REXX pgm, include a SAY statement to print the value of the given variable at the time of the error. If error not related to variables validate the given line and take appropriate action. Parms like 'BROWSEGLV' could be used if this is a global variable rule error. See other Browse parms and use as applicable.

The variable fields of the message text are:

var1	None
var2	None
var3	None
var4	None
var5	None
var6	None
var7	None
var8	None
var9	None
var10	None
var11	None

SWS1091I ERROR 91 PROCESS PGMNAME, LINE LNO: INVALID OR MISPLACED OPTIONS STATEMENT

Explanation: The OPTIONS statement contains options which are not valid. Note that unknown OPTIONS keywords are ignored and are not flagged as errors. Only partially incorrect options keywords are flagged.

Action: Correct the OPTIONS statement and retry the operation.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number

SWS1092I ERROR 92 PROCESS PGMNAME, LINE LNO: OVER max-clauses CLAUSES EXECUTED IN RECOVERY EXIT

Explanation: A REXX program or a rule exceeded the maximum number of clauses allowed for a signal on syntax or signal on halt recovery routine following an Shadow limit exceeded condition. The maximum number of clauses allowed when recovering from an Shadow limit type error is indicated in the error text.

Action: Reduce the number of clauses that are executed in the limit failure recovery routine.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number
maxclauses	Maximum number of clauses allowed in recovery

SWS1093E ERROR 93 PROCESS PGMNAME, LINE LNO: GLOBAL VARIABLE WORKSPACE OVERFLOW (VAR1 - VAR2)

Explanation: The global variable workspace (or temporary global variable workspace) which contains global variables has overflowed. The number of global variable blocks in use has reached the value specified on the GLOBALMAX (or GLOBALTEMPMAX) parameter. This may also be caused by the fact that insufficient contiguous free space exists in the workspace.

Action: You may need to analyze the contents on the global variable database using the Global Variables application and delete unused Global Variables. If the global variable dataset is too small then allocate a larger global variable DIV dataset and copy the old one over to it using the access method services REPRO command. Modify the Shadow GLOBALMAX (or GLOBALTEMPMAX) parameter to indicate the larger maximum number of global variable blocks.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number
VAR1	GLOBALMAX or GLOBALTEMPMAX parameter value
VAR2	'TEMP' or ' ' to indicate type of workspace

SWS1094E ERROR 94 PROCESS PGMNAME, LINE LNO: OVER SECS SECONDS USED FOR EXECUTION

Explanation: A rule or REXX program exceeded its wall clock time limits as set by SEFMAXSECONDS (rule) or REXXMAXSECONDS (REXX program) product parameters. These limits may be overridden using 'NOMAXSECONDS' or 'MAXSECONDS=nnnn' on the REXX OPTIONS statement.

Action: Determine whether this problem was caused by a looping program or whether the limits are too low. The limits that affect all rules/programs can be modified by changing the S__PARM limits (SEFMAXSECONDS and/or REXXMAXSECONDS). the limits for the individual program can be overridden by using the REXX OPTIONS statement as described in the Shadow Reference manual.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number
SECS	Time limit in seconds

SWS1095E ERROR 95 PROCESS PGMNAME, LINE LNO: OVER MAXCMDS HOST COMMANDS ISSUED

Explanation: A rule or REXX program exceeded its host command limits as set by SEFMAXCOMMANDS (rule) or REXXMAXCOMMANDS (REXX program) product parameters. These limits may be overridden using 'NOMAXCOMMANDS' or 'MAXCOMMANDS=nnnn' on the REXX OPTIONS statement.

Action: Determine whether this problem was caused by a looping program or whether the limits are too low. The limits that affect all rules/programs can be modified by changing the S__PARM limits (SEFMAXCOMMANDS and/or REXXMAXCOMMANDS). the limits for the individual program can be overridden by using the REXX OPTIONS statement as described in the Shadow Reference manual.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number
MAXCMDS	Maximum number of host commands allowed

SWS1096E ERROR 96 PROCESS PGMNAME, LINE LNO: OVER MAXSAYS "SAY" CLAUSES EXECUTED

Explanation: A rule or REXX program exceeded its SAY/TRACE limits as set by SEFMAXSAYS (rule) or REXXMAXSAYS (REXX program) product parameters. These limits may be overridden using 'NOMAXSAYS' or 'MAXSAYS=nnnn' on the REXX OPTIONS statement.

Action: Determine whether this problem was caused by a looping program or whether the limits are too low. The limits that affect all rules/programs can be modified by changing the S__PARM limits (SEFMAXSAYS and/or REXXMAXSAYS). the limits for the individual program can be overridden by using the REXX OPTIONS statement as described in the Shadow Reference manual.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number
MAXSAYS	Maximum number of SAY statements allowed

SWS1097E ERROR 97 PROCESS PGMNAME, LINE LNO: OVER MAXCLAUSES CLAUSES EXECUTED

Explanation: A rule or REXX program exceeded its clause limits as set by SEFMAXCLAUSES (rule) or REXXMAXCLAUSES (REXX program) product parameters. These limits may be overridden using 'NOMAXCLAUSES' or 'MAXCLAUSES=nnnn' on the REXX OPTIONS statement.

Action: Determine whether this problem was caused by a looping program or whether the limits are too low. The limits that affect all rules/programs can be modified by changing the S__PARM limits (SEFMAXCLAUSES and/or REXXMAXCLAUSES). the limits for the individual program can be overridden by using the REXX OPTIONS statement as described in the Shadow Reference manual.

The variable fields of the message text are:

PROCESS	Compiling or running
PGMNAME	REXX program name
LNO	REXX program line number
MAXCLAUSES	Maximum number of clauses allowed

SWS1098I LNO' TRACE MESSAG

Explanation: Informational message only. This message gives the output from the REXX TRACE command.

Action: Informational only. No action is required.

The variable fields of the message text are:

LNO   REXX program line number

SWS1099I var1

Explanation: This message is issued when the REXX compiler detects a an error during compilation. The first line of the message lists the statement in error and the second line indicates where in the first line the error was detected.

Action: Review the REXX statement and correct the error.

The variable fields of the message text are:

var1   REXX program statement/pointer

SWS1100S RETRY LIMIT CONVERSION ERROR - VALUE SPECIFIED = val

Explanation: An error was detected while trying to convert the character representation of the retry limit specified, to it's integer counterpart.

Action: Review the retry limit specification contained in the error message. If the retry limit specified contains an invalid value, correct the error and re-invoke the DSN command. If all attempts at correcting the retry limit specified fail, contact NEON Systems technical support for further assistance.

The variable fields of the message text are:

val   character retry limit value

SWS1101S TEST LEVEL CONVERSION ERROR - VALUE SPECIFIED = val

Explanation: An error was detected while trying to convert the character representation of the test level specified, to it's integer counterpart.

Action: Review the test level specification contained in the error message. If the test level specified contains an invalid value, correct the error and re-invoke the DSN command. If all attempts at correcting the test level specified fail, contact NEON Systems technical support for further assistance.

The variable fields of the message text are:

val   character test level value

SWS1102S val NOT VALID SUBSYSTEM ID, COMMAND TERMINATED

Explanation: A subsystem control table that corresponded to the subsystem name contained in the error message could not be located by the SSCT chain scan logic.

Action: Review the subsystem name specified on the SYSTEM() command line argument, if one was specified. Revise the SYSTEM() specification if necessary. If a SYSTEM() command line argument was not specified, the product provided default value may not be appropriate for your installation. This value was obtained from the local copy of the DSNHDECP DB2 parameters module if one could be found. If a local copy of the DSNHDECP parameters module contains an invalid value, run the JCL jobstream contained in the S__ "CNTL" dataset member "ZAPDECP" after updating the "REP" control card. If a local copy of the DSNHDECP parameters module was not found then the product will attempt to use the standard IBM default subsystem name "DSN ". For further assistance in providing the product with the correct subsystem name value, call NEON Systems technical support.

The variable fields of the message text are:

val   extracted subsystem name value

SWS1104S SUBSYSTEM subsys IS NOT A VALID DB2 SUBSYSTEM

Explanation: The SSCT located for the subsystem name that was extracted is neither a valid product SSCT or a valid DB2 SSCT.

Action: Review the subsystem name specified on the SYSTEM() command line argument, if one was specified. Revise the SYSTEM() specification if necessary. If a SYSTEM() command line argument was not specified, the product provided default value may not be appropriate for your installation. This value was obtained from the local copy of the DSNHDECP DB2 parameters module if one could be found. If a local copy of the DSNHDECP parameters module contains an invalid value, run the JCL jobstream contained in the S__ "CNTL" dataset member "ZAPDECP" after updating the "REP" control card. If a local copy of the DSNHDECP parameters module was not found then the product will attempt to use the standard IBM default subsystem name "DSN ". If all attempts to correct the subsystem name specification fail, contact NEON Systems technical support for further assistance.

The variable fields of the message text are:

subsys   subsystem name

SWS1105S LOAD FOR DSNECP00 FAILURE

Explanation: The attempt to load the renamed version of DSNECP00 has failed.

Action: Ensure that the product installation process was completed successfully. Ensure that the load library containing the renamed version of DSNECP00 is accessible by the product. If all attempts to correct the problem situation fail, call NEON Systems technical support for further assistance.

SWS1106S subsys NOT OPERATIONAL, RETRY COUNT ZERO

Explanation: The SSCT for the product indicated that it is not currently active.

Action: Determine if the product was started and had terminated abnormally, and if so then review the accompanying messages in the SYSLOG. If the product did not terminate abnormally then issue the appropriate start command. If need be, call NEON Systems technical support for further assistance.

The variable fields of the message text are:

subsys   subsystem name

SWS1110S CONNECTION FAILURE RC = rc REASON = rscd

Explanation: The attempt to connect to the remote DB2 subsystem failed.

Action: Review the return code and the reason code values contained in the error message. Compare the return code and reason code with those listed in the IBM SQL application programming manual, and take the appropriate action. If all attempts to correct the problem fail, contact NEON Systems technical support for further assistance.

The variable fields of the message text are:

rc   call attach return code
rscd   call attach reason code

SWS1112S DISCONNECT FAILURE RC = rc REASON = rscd

Explanation: The attempt to disconnect from the remote DB2 sub-system has failed.

Action: Review the return code and the reason code values contained in the error message. Compare the return code and reason code with those listed in the IBM SQL application programming manual, and take the appropriate action. If all attempts to correct the problem fail, contact NEON Systems technical support for further assistance.

The variable fields of the message text are:

rc   call attach return code
rscd   call attach reason code

SWS1113S COMMAND REJECTED - cmd CMD NOT SUPPORTED UNDER DSN

Explanation: The subcommand specified is not supported under the DSN command.

Action: Review the command string entered. Revise the command string if appropriate. Reenter the revised command string. If the error condition persists despite correcting errors in the command string that was entered, contact NEON Systems technical support for further assistance.

The variable fields of the message text are:

cmd   subcommand specified

SWS1114R text

Explanation: Module OPDSN10 issued the current message as a prompt for valid subcommand input.

Action: Respond with an appropriate sub-command name or enter the "END" subcommand if processing is complete.

The variable fields of the message text are:

text   sub-command prompt text string

SWS1115S ERROR ISSUING SUBCOMMAND PROMPT - RC = rc

Explanation: An error occurred either issuing the subcommand prompt or while waiting for valid subcommand input.

Action: Phone NEON Systems technical support for further assistance.

The variable fields of the message text are:

rc   return code

SWS1117S COMMAND BUFFER SCAN ERROR - RC = rc

Explanation: An attempt to scan the command buffer utilizing the services of IKJSCAN failed.

Action: Review the command string entered. Revise the command string if appropriate. Reenter the revised command string. If the error condition persists despite correcting errors in the command string that was entered, contact NEON Systems technical support for further assistance.

The variable fields of the message text are:

rc   return code

SWS1118S RUN SUBCOMMANDS CAN NOT HAVE A PROGRAM PARM AND A CP PARM

Explanation: The "PROGRAM" and "CP" parameters of the RUN subcommand are mutually exclusive.

Action: Revise the subcommand string entered. If the program to be executed is not a TSO command processor then specify only the PROGRAM() parameter. If the program to be executed is a TSO command processor then specify only the "CP" parameter.

SWS1119S RUN SUBCOMMAND REQUIRES (1)PROGRAM PARM OR (2)PLAN AND CP PARM

Explanation: The RUN subcommand requires that either the PRO-GRAM parm be specified or the CP parm and plan parms be specified.

Action: Revise the subcommand string entered. If the program to be executed is not a TSO command processor then specify only the PRO-GRAM() parameter. If the program to be executed is a TSO command processor then specify the "CP" parameter.

SWS1120S DSNRLI Function FUNCTION FAILED. RC = rc REASON = rscd

Explanation: The RRSAF function failed.

Action: Review the return code and the reason code values contained in the error message. Compare the return code and reason code with those listed in the IBM SQL application programming manual, and take the appropriate action. If all attempts to correct the problem fail, contact NEON Systems technical support for further assistance

The variable fields of the message text are:

Function	RRSAF Function
rc	RRSAF return code
rscd	RRSAF reason code

SWS1121I PLEASE WAIT...CONNECTION RETRY IN PROGRESS

Explanation: The remote DB2 subsystem is currently not active and a RETRY() value greater than one was specified. The connection request will be retried.

Action: No action required.

SWS1122I COMMAND SPUFI IGNORED, VALID ISPF ENVIRON-MENT MUST EXIST

Explanation: The SPUFI subcommand requires that a valid ISPF environment exist.

Action: Reinvoke the DSN command from within ISPF, and if the error persists, contact NEON Systems technical support for further assistance.

SWS1123S COMMAND REJECTED, CMD NOT SUPPORTED UNDER DSN

Explanation: The subcommand specified is not supported under the DSN command.

Action: Review the command string entered. Revise the command string if appropriate. Reenter the revised command string. If the error condition persists despite correcting errors in the command string that was entered, contact NEON Systems technical support for further assistance.

SWS1126S PLAN OPEN FAILURE RC = rc REASON = rscd

Explanation: The attempt to open the application plan failed.

Action: Review the return code and the reason code values contained in the error message. Compare the return code and reason code with those listed in the IBM SQL application programming manual, and take the appropriate action. If all attempts to correct the problem fail, contact NEON Systems technical support for further assistance.

The variable fields of the message text are:

rc   call attach return code
rscd   call attach reason code

SWS1127S PLAN CLOSE FAILURE RC = rc REASON = rscd

Explanation: The attempt to close the application plan failed.

Action: Review the return code and the reason code values contained in the error message. Compare the return code and reason code with those listed in the IBM SQL application programming manual, and take the appropriate action. If all attempts to correct the problem fail, contact NEON Systems technical support for further assistance.

The variable fields of the message text are:

rc   call attach return code
rscd   call attach reason code

SWS1129R ENTER TSO COMMAND

Explanation: Module OPDSN10 issued the current message as a prompt for a valid TSO command.

Action: Respond with a valid TSO command name.

SWS1130S ERROR ISSUING TSO COMMAND PROMPT - RC = rc

Explanation: An error occurred either issuing the TSO command prompt or while waiting for valid TSO command input.

Action: Phone NEON Systems technical support for further assistance

The variable fields of the message text are:

rc   return code

SWS1131S cmd NOT VALID COMMAND

Explanation: The TSO command entered is not a valid command.

Action: Correct the value specified and reenter the RUN subcommand. If the error persists contact NEON Systems technical support for further assistance.

The variable fields of the message text are:

cmd   command entered

SWS1132S cmd ENDED DUE TO ERROR

Explanation: The DSN command has ended due to an ABEND detected in a user task.

Action: Correct the error condition in the program or TSO command that was specified, and reenter the DSN command. If the error condition persists contact NEON Systems technical support for further assistance.

The variable fields of the message text are:

cmd   the command entered to invoke the dsn cmd

SWS1133S MODULE pgm NOT FOUND

Explanation: The module name specified on the PROGRAM() parame-ter of the RUN subcommand could not be found.

Action: Correct the value specified and reenter the RUN subcommand. If the error persists contact NEON Systems technical support for further assistance.

The variable fields of the message text are:

pgm   program name

SWS1134S UNABLE TO ESTABLISH THE STAX EXIT

Explanation: OPDSN01 -- the STAX manager was unable to establish the STAX exit.

Action: Attempt to invoke the DSN command again and if the error per-sists contact NEON Systems technical support for further assistance.

SWS1135S UNABLE TO TERMINATE THE STAX EXIT

Explanation: OPDSN01 -- the STAX manager was unable to terminate the STAX exit.

Action: Attempt to invoke the DSN command again and if the error per-sists contact NEON Systems technical support for further assistance.

SWS1136S STAX EXIT INTERNAL LOGIC ERROR

Explanation: OPDSN01 -- the STAX manager determined that either an attempt was made to remove the STAX exit environment when one did not exist, or an attempt was made to establish the STAX exit environment when one already existed.

Action: Contact NEON Systems technical support for further assistance.

SWS1137S ERROR EXECUTING TSO COMMAND RC = rc REASON = rscd

Explanation: OPDSN10 detected that the command entered was a TSO command, however an error was detected while attempting to invoke the TSO command. The above message depicts the return code and reason code values received from the product TSOEXEC service routine.

Action: Examine the TSO command entered, and correct the command string if an error was detected. If the error condition persists despite correcting any command string errors contact NEON Systems technical support for further assistance.

The variable fields of the message text are:

rc	return code
rscd	reason code

SWS1154S COMMAND BUFFER INTERNAL FORMAT ERROR

Explanation: During an attempt by the DSN command processor to analyze the contents of the command buffer, it was determined that the command buffer either had the wrong length, invalid operands, or the wrong format.

Action: Review the command string entered. Revise the command string if appropriate. Reenter the revised command string. If the error condition persists despite correcting errors in the command string that was entered, contact NEON Systems technical support for further assistance.

SWS1163S COMMAND BUFFER PARSE ERROR - RC = rc

Explanation: The IBM TSO parse routine, IKJPARS, returned a non-zero return code after attempting to parse the DSN command string.

Action: Review the accompanying TSO error messages in the SYSLOG. Review the command string entered. Revise the command string if appropriate. Take action recommended in the TSO messages manual. If all attempts at revised command string entry fail, contact NEON Systems technical support for further assistance.

The variable fields of the message text are:

rc   return code value

SWS1250I var1 var2

Explanation: The message id used to display parameter value requested with an S__PARM command.

Action: No action required. Informational only.

The variable fields of the message text are:

var1   None
var2   None

SWS1255E parm - CANNOT BE CHANGED AFTER INITIALIZATION

Explanation: Many of S__ parameters may be changed at any time, but some of them can only be set once during initialization. The parameter you attempted to change must be set prior to initialization.

Action: Update member S___IN00 in SYS1.PARMLIB or the parmlib specified in the install. These changes will take place the next time S__ is initialized.

The variable fields of the message text are:

parm   parameter name

SWS1256E parm - CANNOT BE CHANGED

Explanation: Many of the S__ parameters may be changed at any time, some of them can only be reset during initialization, while others may not be reset at all but are used merely for display purposes. The parameter you entered may not be changed.

Action: Update member S___IN00 in SYS1.PARMLIB or the parmlib specified in the install. These changes will take place the next time S__ is initialized.

The variable fields of the message text are:

parm   parameter name

SWS1257E parm - CANNOT BE DISPLAYED

Explanation: The parameter you selected cannot be displayed.

Action: Check the manual to see if the parameter you requested is spelled correctly.

The variable fields of the message text are:

parm   parameter name

SWS1258E desc - errmsg suffix

Explanation: The ADDRESS S__ processing routine found an error in the parameter text string passed with the MODIFY PARM command. The parameter text string is invalid. MODIFY PARM command processing is aborted.

Action: Validate the VALUE keyword value, correct it for errors and re-initiate the command. For more details on the MODIFY PARM command, refer to your S__ User's Guide.

The variable fields of the message text are:

desc   parameter field description
errmsg   error message string
suffix   error message suffix string

SWS1262I var1 var2

Explanation: The parameter group being listed by this S__PARM command could not be found. The command is terminated.

Action: Review the S__PARM command being executed checking the group operand and whether or not there is a group listing for it. refer to the Shadow reference guide for the details on using the S__PARM command and its group operand.

The variable fields of the message text are:

var1	Group description string
var2	Group name string

SWS1263E prefixvaluesuffix

Explanation: This message is never meant to be seen. It is used by OPPAFU to convert product parms to printable character strings.

Action: If you see this it indicates an internal error. Contact NEON Systems technical support.

The variable fields of the message text are:

prefix	prefix string
value	parm value
suffix	suffix string

SWS1264W NO PARAMETER VALUE INFORMATION IS AVAILABLE

Explanation: The S__PARM parameter you are using is not available. the S__PARM command is terminated.

Action: The parameter you are trying to set using S__PARM is not supported or not valid in this release of Shadow. Check the parameter in the Shadow Installation and Customization guide. Contact your local Shadow systems programming group for more assistance.

SWS1265W WARNING: var1 PARAMETER (var2) CONTAINS TOO FEW QUALIFIERS TO ENSURE PROPER HTTP COOKIE OPERATION

Explanation: The host domain name parameter contains too few qualifiers (name segments separated by periods) to ensure that web browsers will properly store and transmit HTTP cookies. At least 3 levels of qualification (2 levels if the name ends with .com .edu .net .org .gov .mil or .int) are usually required to ensure that store and later retransmit HTTP cookies properly.

Action: The parameter is accepted, as is, except that it is always folded to a lower case string. The Server's built-in browser-based administration utlities require HTTP cookies for proper operation. These administration utlities may not function correctly using the host domain name string now set.

The variable fields of the message text are:

var1	name of HOSTDOMAIN parameter
var2	lower-cased value being set for Host Domain

SWS1266W WARNING: var1 PARAMETER (var2) MAY CAUSE INCONSISTENT OPERATION USING HTTP COOKIES

Explanation: The host domain name parameter contains a 'dot-notation' format IP address. Browser anomalies may arise which cause HTTP cookies not to be properly stored or re-transmitted when using a dot-notation host domain name value.

Action: The parameter is accepted, as is. The server's built-in browser-based administration utlities require HTTP cookies for proper operation. These administration utlities may not function correctly using the host domain name string now set.

The variable fields of the message text are:

var1	name of HOSTDOMAIN parameter
var2	value set for the Host Domain name

SWS1275S ABEND abcd IN AUTHORIZATION ROUTINE mod+off

Explanation: An ABEND occurred in the authorization checking routine.

Action: Contact NEON Systems technical support.

The variable fields of the message text are:

abcd	abend code
mod	module name
off	module offset

SWS1277S cb CONTROL BLOCK NOT FOUND

Explanation: The MODIFY PARM functional routine has been passed an invalid S__ control block name.

Action: First check the MODIFY PARM command, correct any errors and rerun. If the problem persists, verify that all of the S__ modules are at the same release level. Also check that the last S__ installation was successful. If all of the above are checked and the problem remains, gather all related problem data (error data; SVFX level; install info) and call NEON Systems technical support.

The variable fields of the message text are:

cb	control block

SWS1281E service desc FAILED, RC=rc, DETECTED AT ad

Explanation: This is a generic error message used to describe a wide variety of errors. The message text gives a description of the current operation and what the current operation was trying to do.

Action: Check the error messages and the return code associated with this problem. There may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error messages and retry the operation. If the problem cannot be resolved contact NEON Systems technical support Services to obtain additional assistance.

The variable fields of the message text are:

service	Current operation, GETMAIN, FREEMAIN, SYSEVENT etc.
desc	Description
rc	Return code

SWS1290H jb name value

Explanation: This message logs a change to the S__ product parameters via the ADDRESS S__ MODIFY command. The message contains the name of the product parameter and its new value.

Action: This message is written to the log for informational and tracking purposes only. No action is required.

The variable fields of the message text are:

name	parameter field name
value	parameter field value

SWS1292E EXIT CODE var1 IS INVALID FOR var2

Explanation: An invalid exit code has been defined in an internal product control block that defines an Shadow parameter table entry.

Action: This is an internal error. Please report this problem to NEON System technical support.

The variable fields of the message text are:

var1	Exit code specified in oppy entry
var2	Parameter field name

SWS1293E errdesc

Explanation: An attempt to set an Shadow parameter has failed. the error message describes the reason for the failure.

Action: Review the error message and attempt to correct the problem.

The variable fields of the message text are:

errdesc   Error description

SWS1294E var1 OF var2 FOR PARAMETER CHANGE EVENT NOTIFICATION FAILED WITH RC=var3

Explanation: A Shadow parameter update attempt was made, but the system was unable to properly notify an asynchronous process of the change. The update to the parameter may, or may not, have been made, but in either case, the asynchronous process is now in an unknown state.

Action: Review the error message and any others related to the problem and notify customer support. Timing errors during shutdown normally do not represent a serious condition, unless they occur consistently.

The variable fields of the message text are:

var1   Service description
var2   Asynchronous process
var3   Return or condition code

SWS1340I text

Explanation: This message is simply an echo of a reply to a WTOR issued.

Action: None.

The variable fields of the message text are:

text   echo information text string

SWS1346E MESSAGE ID AND TEXT ARE TOO LONG

Explanation: While building a WTO or WTOR parameter list S__ detected that the combined message ID/message text exceeds the system limits. The limit for a WTOR is is 122 characters and the limit for a WTO is 125 characters.

Action: This could indicate an internal logic error within the product. Phone NEON Systems technical support for further assistance.

SWS1348E NO WTOR REPLY RECEIVED - TIMER EXPIRED

Explanation: A timeout has occurred prior to receiving the response to a WTO/WTOR.

Action: This could indicate an internal logic error within the product. Phone NEON Systems technical support for further assistance.

SWS1349I THE MESSAGE IDENTIFICATION NUMBER IS wtoid

Explanation: This message is simply an echo of the message identification number returned by the WTO/WTOR to identify the message.

Action: None. The WTOID can be used to DOM a highlighted message.

The variable fields of the message text are:

wtoid   WTO identification number

SWS1364S ss RETURN CODE = rc

Explanation: Some type of error occurred in the system management routines of the product or by invoking a system service directly. See the actual text of the message for an explanation. The error was probably caused by a failure in an operating system service.

Action: Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

ss	system service (e.g. STIMERM, STAX etc.)
rc	return code

SWS1370H jb route desc mcsfgconsole wait msgid text

Explanation: This message is used to document an internally generated WTO. It is written to the hardcopy log to identify the source of the message issued.

Action: None.

The variable fields of the message text are:

route	route codes
desc	descriptor codes
mcsfg	MCS flags
console	console number
wait	time to wait if reply keyword coded
msgid	message ID. Defaults to S__1371I if MSGID keyword not coded.
text	message text

SWS1400S TSO/E IS NOT INSTALLED

Explanation: TSO/E (IBM's program product number 5665-293) is required to support the use of ISPF/S__.

Action: Verify that this product is available at your installation.

SWS1401S service CMD(module) FAILED, RC=rc

Explanation: S__ called TSO to execute ISPSTART and received a non-zero return code. The ISPF initiation attempt is aborted.

Action: Review the message text and check why the request did not complete successfully. Review your ISPF/S__ environment and take corrective action. Otherwise gather the error info and escalate the problem to your local S__ support group.

The variable fields of the message text are:

service	service name string
module	module name string
rc	return code value

SWS1402S DIALOG MANAGER SERVICE 'service' ERROR, RC=rc

Explanation: An S__ internal routine called TSO to execute ISP-START and got a dialog manager service error.

Action: Review the ISPF error, checking the service name string for what service was invoked and take corrective action. Else contact your local S__ systems programming support group.

The variable fields of the message text are:

service	service name string
rc	return code

SWS1420S var1 OF DIRECTED LOAD LIBRARY (var2) FAILED RC=var3

Explanation: The S__ ISPF application attempted to do a directed load based upon a parameter setting in the OPMS(ISPLLIBDSNAME).

Action: Check the dataset name specified in the aforementioned parameter. After correct the name, restart the Shadow server address space.

The variable fields of the message text are:

var1	allocation or deallocation
var2	failed dataset name
var3	failed allocation return code

SWS1421E text1 COMMAND text2

Explanation: The next message is not actually used by any code in the product. The message is used to reserve a return code. No action required.

Action: None.

The variable fields of the message text are:

text1	informational text string
text2	informational text string

SWS1423E errmsg

Explanation: Message written out only when product security denies the current user access to Trace Browse.

Action: If this an undesireable situation, contact the product systems support group to grant you the required access.

The variable fields of the message text are:

errmsg	error text string

SWS1424E CURRENT name COMMAND NOT AUTHORIZED - errmsg

Explanation: Authorization check failed. The use of SWS/SWS is restricted by your installation security product.

Action: Contact the person at your installation who installs and maintains the product to obtain access authority.

The variable fields of the message text are:

name	command name
errmsg	error message string

SWS1441S ABEND abcd IN AUTHORIZATION ROUTINE mod+off

Explanation: An ABEND occurred in the authorization checking routine.

Action: Contact the person at your installation who installs and maintains your installation security product.

The variable fields of the message text are:

abcd	ABEND code
mod	module name
off	module offset

SWS1442S COMMAND BUFFER PARSE RC=rc

Explanation: The IBM TSO parse routine, IKJPARS, returned a non-zero return code after attempting to parse a command string. The parse process for the command is terminated.

Action: Gather the relevant problem data and contact your local product systems programming group for support.

The variable fields of the message text are:

rc	return code

SWS1443S COMMAND BUFFER INTERNAL FORMAT ERROR

Explanation: During an attempt to analyze the contents of the command buffer, it was determined that the command buffer either had the wrong length, invalid operands, or the wrong format.

Action: Review the command string entered. Revise the command string if appropriate. Reenter the revised command string. If the error condition persists despite correcting errors in the command string that was entered, contact NEON Systems technical support for further assistance.

SWS1444S var1 PARAMETER var2 SPECIFIED WITH ARCHTYPE(var3)

Explanation: The trace browse/view program was invoked with invalid parameters.

Action: Review the command string entered. Revise the command string if appropriate. Reenter the revised command string. If the error condition persists despite correcting errors in the command string that was entered, contact NEON Systems technical support for further assistance.

The variable fields of the message text are:

var1	Parameter in error
var2	Requirement for parameter value
var3	Value of ARCHTYPE parameter

SWS1445S SYSTEM MANAGER SERVICE 'service' ERROR, RC=rc

Explanation: The product browse subroutine requested authorization in order to validate your request, and did not find the the necessary control blocks for this validation. The request is aborted.

Action: Possible product ISPF interface error. Gather the data and contact your local systems programming support group.

The variable fields of the message text are:

service	service name string
rc	return code

SWS1446S ISPF val SERVICE ERROR, RETURN CODE = rc

Explanation: S__ invoked an ISPF service routine to accomplish the ISPF-related task indicated in the error message and received a non-zero return code.

Action: Review the message text and check why the request did not complete successfully. Review your ISPF/S__ environment and take corrective action. If the error persists phone NEON Systems technical support for further assistance.

The variable fields of the message text are:

val	service name string
rc	return code value

SWS1447E MEMBER mem NOT FOUND

Explanation: A BLDL failed to find the specified member

Action: Examine the dataset concatenation to ensure the the proprer libraries are allocated. If the error persists phone NEON Systems technical support for further assistance.

The variable fields of the message text are:

mem	member

SWS1448E func FAILED FOR MEMBER=mem RC=iorc

Explanation: An I/O operation failed while attempting to do a BLDL

Action: Use this message in conjunction with any other messages that may accompany it to resolve the problem. You may also want to examine the dataset for problems. Once the problem is corrected, re-start the product.

The variable fields of the message text are:

func	current I/O operation
mem	member
iorc	current I/O operation return code

SWS1449E ISPF LOADLIB AT VERSION %1, SERVER LOADLIB AT %2, PLEASE CORRECT INCONSISTENCY

Explanation: The version of the load library alloted to ISPF is at a different release that the Server

Action: The Shadow Diagnostic facility will terminate. The library inconsistency should be resolved prior to invoking the ISPF application.

SWS1450H jb subsysid

Explanation: This message is used to provide an audit trail in Trace Browse when someone uses the Trace Browse option of S__.

Action: No action required. For audit trail purposes only.

The variable fields of the message text are:

subsysid   the product subsystem ID

SWS1451H jb subsysid ARCHIVE REVIEW var2

Explanation: This message is used to provide an audit trail in Trace Browse when someone uses the Trace Archive View function.

Action: No action required. For audit trail purposes only.

The variable fields of the message text are:

subsysid	the product subsystem ID
var2	The Archive dataset name

SWS1452S ABEND abcd REASON reason OCCURRED IN %2+mod

Explanation: An ABEND occurred in the browse program.

Action: Check for other errors and correct. If unable to correct the problem, contains technical support.

The variable fields of the message text are:

abcd	ABEND code
reason	ABEND reason
mod	module name
off	module offset

SWS1500S OPTSDR SYSIN TABLE OVERFLOW ERROR

Explanation: Greater than 28 task control cards were specified in the SYSIN input stream. This caused an internal SYSIN table overflow error.

Action: Reduce the number of task control cards specified in the input stream, and restart the the testing process.

SWS1501S INTEGER CONVERSION ERROR, VALUE SPECIFIED val

Explanation: An integer conversion error has occurred while attempting to convert one of the task limit values specified on the SYSIN input stream.

Action: Revise the value specified, and restart the testing process.

The variable fields of the message text are:

val   character value specified

SWS1502S OPSTSDR INTERNAL TASK TABLE OVERFLOW ERROR

Explanation: Overflow of the internal task dispatching table has occurred. This is due to greater than 250 test tasks being currently active.

Action: Revise the "task maximum" value specified on the task ontrol card in he SYSIN input stream so that the combined total of all "task maximum" values found does not exceed 250.

SWS1503I OPTSDR EXECUTION STATISTICS AS OF d2 AT t2

Explanation: This is an informational message indicating that the current execution of OPTSDR has completed successfully and the run statistics are to follow.

Action: Informational only, no action required.

The variable fields of the message text are:

d2   date
t2   time

SWS1504I TASK test DISPATCHED total TIMES

Explanation: This is an informational message indicating that the test task specified in the message was dispatched a total of n times.

Action: Informational only, no action required.

The variable fields of the message text are:

test	task program name
total	number of task dispatches

SWS1600E MODULE DSNACAF NOT PROPERLY LINKED

Explanation: The product-related DB2 interface module tried to load the address of a module needed to connect to the actual DB2 system. The address field was zero. The module could not be invoked and the connection to the actual DB2 system failed.

Action: Check if the product is properly installed. The load module referred to in the error message must be properly linked with the product module having the same name. Relink the DSNACAF module and rerun the DB2 application program.

SWS1601E PRODUCT IS NOT ACTIVE AT THIS TIME

Explanation: The product-related DB2 interface module tried to communicate with the main product (not DB2) address space. The main product address space was not active. This error normally occurs at the start of SQL application program execution.

Action: Check if the main product address space is active. Start or restart the main product address space if need be. Rerun the SQL application program from the beginning.

SWS1602E PRODUCT FAILED WHILE SQL APPLICATION PGM EXECUTING

Explanation: The product-related DB2 interface module tried to communicate with the main product (not DB2) address space. The main product address space was not active. This error normally occurs at the start of SQL application program execution.

Action: Check if the main product address space is active. Start or restart the main product address space if need be. Rerun the SQL application program from the beginning.

SWS1603E MODULE DSNTIAR NOT PROPERLY LINKED

Explanation: The product-related DB2 interface module tried to load the address of a module needed to connect to the actual DB2 system. The address field was zero. The module could not be invoked and the connection to the actual DB2 system failed.

Action: Check if the product is properly installed. The load module referred to in the error message must be properly linked with the product module having the same name. Relink the DSNITAR module and rerun the DB2 application program.

SWS1700E service desc FAILED, RC=rc, DETECTED AT ad

Explanation: This is a generic error message used to describe a wide variety of errors. The message text gives a description of the current operation and what the current operation was trying to do.

Action: Check the error messages and the return code associated with this problem. There may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error messages and retry the operation. If the problem cannot be resolved contact NEON Systems technical support to obtain additional assistance.

The variable fields of the message text are:

service	Current operation, GETMAIN, FREEMAIN, SYSEVENT etc.
desc	Description
rc	Return code

SWS1701I ERROR SENDING MESSAGE TO EXTERNAL DATA QUEUE

Explanation: An error has occurred while attempting to send an informational record to the external data queue. this may be caused by a full external data queue.

Action: Contact your local Shadow systems programming group for help.

SWS1720E desc func FAILED, RC=rc, DETECTED AT ad

Explanation: This is a generic error message used to describe errors that occurred while attempting to allocate or a free a product control block. Allocation failures are typically an indication of insufficient virtual storage.

Action: Check the error messages and the return code associated with this problem. There may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error messages and retry the operation. If the problem cannot be resolved contact NEON Systems technical support services to obtain additional assistance.

The variable fields of the message text are:

desc	Description
func	Current function (allocate or delete)
rc	Return code

SWS1840E errdesc

Explanation: A syntax error has been detected while analyzing the EXECIO command.

Action: Correct the EXECIO command syntax errors and attempt to execute the REXX program again.

The variable fields of the message text are:

errdesc	Description of syntax error

SWS1841E errdesc, RC=rc

Explanation: Some type of service routine (operating system or product specific) failed. The error message identifies the type of error.

Action: Check the full text of the error message and attempt to correct the error.

The variable fields of the message text are:

errdesc   Error description
rc   Return code

SWS1842E errdesc1 DDNAME errdesc2

Explanation: The DDNAME specified on the EXECIO command is not allocated to the current job.

Action: Allocate the appropriate dataset to the DDNAME or change the DDNAME and rerun the REXX program.

The variable fields of the message text are:

errdesc1   First part of error description
DDNAME   DDNAME specified on EXECIO command
errdesc2   Final part of error description

SWS1843E ddn io FAILED, RC=rc, DETECTED AT ad

Explanation: Some type of error occurred during invocation of an Shadow I/O routine associated with the EXECIO command.

Action: Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, contact NEON Systems technical support services to obtain additional assistance.

The variable fields of the message text are:

ddn   DDNAME
io   I/O service
rc   Return code

SWS1900E This is not a batch execution environment

Explanation: The utilities of shadow are intended to run in batch only__

Action: Exec the utility as a batch program

SWS1901E Shadow subsystem name is not 1st 4 chars of parm

Explanation: No subsystem name passed on the exec pgm=s__util, parm=s___

Action: Add the parm to identify the 4 character shadow subsystem and resubmit the batch job

SWS1902E Batch function is not specefied

Explanation: No function was requested on the utility execution

Action: Add the utility name after the subsystem id sperated by a comma and resubmit the job

SWS1903E Requested function function is not a valid batch function

Explanation: The function name requested is not valid

Action: Add a valid function name and resubmit the job comma and resubmit the job

The variable fields of the message text are:

function   Batch function to execute

SWS1904E DDNAME(ddname) not found and is required

Explanation: The specified ddname is not found

Action: Add the correct ddname to the jcl and resubmit the job

The variable fields of the message text are:

ddname

SWS1905E DDNAME(ddname) failed to open rc=return.

Explanation: The specified ddname failed to open

Action: Correct the error and resubmit the job

The variable fields of the message text are:

ddname
return   code

SWS1906E Read Error ocurred on DDNAME(ddname) rc=return.

Explanation: The specified ddname had a read error

Action: Correct the error and resubmit the job

The variable fields of the message text are:

ddname
return   code

SWS1907E Write Error ocurred on DDNAME(ddname) rc=return.

Explanation: The specified ddname had a write error

Action: Correct the error and resubmit the job

The variable fields of the message text are:

ddname
return   code

SWS1908E The command (1ST WORD) must be extract.

Explanation: The input control card does not contain a valid command

Action: Correct the error and resubmit the job

SWS1909E IFILE is required, it identifies the input file from which the source is read

Explanation: IFILE parameter is required

Action: Correct the error and resubmit the job

SWS1910E OFILE is required, it identifies the output file to which the results are written

Explanation: OFILE parameter is required

Action: Correct the error and resubmit the job

SWS1911E Unable to obtain ds info on ddname rc=rc

Explanation: The MVS OBTAIN failed for the specified DD

Action: Correct the error and resubmit the job

The variable fields of the message text are:

ddname that had the error
rc from the obtain service

SWS1912E DDNAME(ddname) read directory failed rc=return

Explanation: Unable to read the pds directory for the specified ddname

Action: Correct the error and resubmit the job

The variable fields of the message text are:

ddname
return code

SWS1913E No members match the in file ddname

Explanation: The selection masked failed to match any input members

Action: Correct the error and resubmit the job

The variable fields of the message text are:

the input mask
ddname of the input pds

SWS1914E The requested member the is not in the file ddname.

Explanation: The requested member could not be found.

Action: Correct the error and resubmit the job

The variable fields of the message text are:

the   requested member
ddname   of the input pds

SWS1915E When input member is "*" output member must be "*".

Explanation: When member(*) is specefied omember(*) is the only valid omember value

Action: Correct the error and resubmit the job

SWS1916E Output members can not contain wild card characters OMEMBER(the)

Explanation: The OMEMBER parameter can not specify wild card characters

Action: Correct the error and resubmit the job

The variable fields of the message text are:

the   omember parameter

SWS1917E Point service failed for ddn(the) member(the).

Explanation: When attempting to locate a member in a pds an error ocurred

Action: Correct the error and resubmit the job

The variable fields of the message text are:

the   ddname of the file t
the   member name

SWS1918I Extract process is beginning for the.(the).

Explanation: The extract process is beginning

Action: Once for each member extracted

The variable fields of the message text are:

the   dsname of the file
the   member name

SWS1919I Language selected is the.

Explanation: The language extract will be done for

Action: Once for each member extracted

The variable fields of the message text are:

the   language

SWS1920I MFS statement has label but no opcode line the.

Explanation: During extract processing a statement was found with a label, but no opcode existed.

Action: Correct the source code and re-run the extract

The variable fields of the message text are:

the   line number of the bad source statement

SWS1921I line has poorly formed literal the.

Explanation: During extract processing a statement was found with a literal that was pooryl formed.

Action: Correct the source code and re-run the extract

The variable fields of the message text are:

the   line number of the bad source statement

SWS1922I line has poorly formed literal the.

Explanation: During extract processing a statement was found with a literal that was pooryl formed.

Action: Correct the source code and re-run the extract

The variable fields of the message text are:

the   line number of the bad source statement

SWS1923I Too many (the), unrecognized lines to process.

Explanation: During extract processing %1 lines were found that were not recognizable as valid source lines.

Action: Correct the source code, or specify force and rerun extract

The variable fields of the message text are:

the   number of lines that were unrecognizable.

SWS1924I The follwing members will be procssed as the.

Explanation: A member list was generated during parsing of source and now be processed into data maps

Action: Informational only

The variable fields of the message text are:

the   langauge of the source members

SWS1925I The follwing members will not be processed due to the

Explanation: A member list was generated during parsing of source and some members were exclude from processing

Action: Informational only

The variable fields of the message text are:

the   reason it is not processed

SWS2020S desc FAILURE RC=rc

Explanation: An attempt to obtain or release storage on behalf of an Shadow subsystem dataset failed.

Action: Make sure that the address space requesting Shadow subsystem dataset services has a large enough region.

The variable fields of the message text are:

desc	Description (e.g. subsystem dataset GETMAIN)
rc	Return code

SWS2021S desc CANNOT USE SUBSYS FILE ALLOCATIONS

Explanation: Shadow has detected that a system address space (e.g. *master*) or a TSO user has requested that an Shadow subsystem dataset be opened. This is not allowed.

Action: The subsystem dataset interface may only be used by normal (non-system) started tasks and batch jobs.

The variable fields of the message text are:

desc	Description (e.g. system tasks)

SWS2022S UNKNOWN SUBSYS OPEN ENVIRONMENT ASID asid

Explanation: Shadow receieved an open request for a subsystem dataset and is unable to determine what environment the requesting address space is running in.

Action: The subsystem dataset interface may only be used by TSO server started tasks.

The variable fields of the message text are:

asid	Address space identifier

SWS2023S NO SERVER BLOCK FOUND FOR USERID=jb

Explanation: Shadow receieved an open request for a subsystem dataset and found that the request was not from a TSO server address space initiated as an outboard server by the product.

Action: This is most likely an internal problem. NEON Systems customer support for further assistance.

The variable fields of the message text are:

jb   Jobname

SWS2024S cnno ALLOCATED TO jb; ASID=asid

Explanation: Shadow found a console block owned by another address space with the same jobname.

Action: Gather all available problem data and contact your local Shadow systems programming group for help in this area.

The variable fields of the message text are:

cnno   Console id
jb   Jobname of console owner
asid   ASID of console owner

SWS2025S INVALID SUBSYSTEM FILE COUNT cnt1 FOUND FOR USERID jb

Explanation: Shadow has detected an internal error during close processing for a subsystem dataset. The count of open subsystem datasets for this address space has gone negative.

Action: Gather the available problem data and contact your local Shadow systems programming group for support in this area.

The variable fields of the message text are:

cnt1   Count of open subsystem datasets
jb   Jobname

SWS2026S INVALID SUBSYSTEM FILE COUNT cnt1 FOUND FOR SERVER jb

Explanation: Shadow has detected an internal error during close processing for a subsystem dataset. The count of open subsystem datasets for this address space has gone negative.

Action: Gather the available problem data and contact your local Shadow systems programming group for support in this area.

The variable fields of the message text are:

cnt1　　　　　　　Count of open subsystem datasets

SWS2027S SUBSYS var1 cb VALIDATION ERROR - ADDRESS addr

Explanation: Shadow has detected an error validating system control blocks while processing an open request for an Shadow subsystem dataset control block.

Action: Gather the available problem data and contact your local Shadow systems programming group for support in this area.

The variable fields of the message text are:

var1　　　　　　　"open"
cb　　　　　　　Control block name (e.g. ACB)
addr　　　　　　　Address of the control block

SWS2028I SUBSYSTEM DATASET OPEN REQUEST FROM jb

Explanation: Shadow has received a generic subsystem dataset open request.

Action: This message is for informational puroses only, no action is required.

The variable fields of the message text are:

jb　　　　　　　Jobname

SWS2029E CURRENT var1 OPEN REQUEST NOT AUTHORIZED - errmsg

Explanation: Authorization check failed. Using subsystem datasets to route messages to the Shadow AOF has been restricted by your installation user exit.

Action: Contact the person at your installation who installs and maintains Shadow to obtain access authority.

The variable fields of the message text are:

var1   Subsysdsn
errmsg   Error message string

SWS2030S ABEND abcd IN USER EXIT mod+off

Explanation: An abend occurred in the authorization checking routine

Action: Contact the person at your installation who installs and maintains the Shadow security exit routine.

The variable fields of the message text are:

abcd   Abend code
mod   Module name
off   Module offset

SWS2031W TSO SERVER (procname) - SYSTSIN BLKSIZE = blksize, USE blksize

Explanation: The BLKSIZE specified on the SYSTSIN DD card in the TSO server started task JCL is one of the factors that limits the length of commands that can be sent to servers.

Action: It is recommended that you modify the BLKSIZE on the SYSTSIN DD card in the proc specified by procname to the BLKSIZE specified.

The variable fields of the message text are:

procname   TSO Server started task procedure name
blksize   Current SYSTSIN BLKSIZE
blksize   Maximum SYSTSIN BLKSIZE

SWS2032T SUBSYSTEM DATA var1 (var2) PROCESSED FOR DDNAME ddname - RC=rc

Explanation: The products subsystem dataset SSI intercept routine has processed a request. This message traces the interception request.

Action: None. This is a diagnostic message.

The variable fields of the message text are:

var1	Request name
var2	Request Code
ddname	DD name of dataset, if known
rc	return code set by SSI intercept routine

SWS2040T SRP RABND: SRVR NOT RESPONDING - ASID=ASID ASCB=ASCB TCB=TCB

Explanation: A request for service has been made to server subtask either inside or outside the main product address space. The requesting task has attempted to revoke the request due to timeout or shutdown, but the server has not acknowledged. The request for service has been forcibly revoked.

Action: Depending on the nature of the request, either the requesting task or the server task TCB will be cancelled.

The variable fields of the message text are:

ASID	Server task ASID
ASCB	Server task ASCB
TCB	Server task TCB

SWS2041T SRP SFREE: RQSTR CANNOT BE POSTED - CODE=VAR1 - ASID=VAR2 TCB=VAR3 CNID=VAR4 TOKEN=VAR5 SMAF=VAR6

Explanation: A request for service has been made to server subtask either inside or outside the main product address space. The server task is un-able to post the requestor task because the task has ended.

Action: The server task continues without posting the requestor.

The variable fields of the message text are:

VAR1	Post code
VAR2	Requestor's ASID
VAR3	Requestor's TCB
VAR4	Requestor's CNID
VAR5	Requestor's Token
VAR6	Requestor's SMAF control block address

SWS2042T SRP RBIND: RC=VAR1 CMTC=VAR2 BEFORE=VAR3 AFTER=VAR4 TB=VAR5

Explanation: This is a diagnostic message issued by the service requestor/provider interface.

Action: None. Diagnostic use only.

The variable fields of the message text are:

VAR1	Server return code
VAR2	Requestor's CMTC address
VAR3	Control word before image
VAR4	Control word after image
VAR5	Trace back point

SWS2043T SRP RWAIT VAR1: CMTC=VAR2 BEFORE=VAR3

Explanation: This is a diagnostic message issued by the service requestor/provider interface.

Action: None. Diagnostic use only.

The variable fields of the message text are:

VAR1	Processing being performed
VAR2	Requestor's CMTC address
VAR3	Control word before image

SWS2044T SRP RWAIT: RC=VAR1 CMTC=VAR2 BEFORE=VAR3 AFTER=VAR4 TB=VAR5

Explanation: This is a diagnostic message issued by the service requestor/provider interface.

Action: None. Diagnostic use only.

The variable fields of the message text are:

VAR1	Server return code
VAR2	Requestor's CMTC address
VAR3	Control word before image
VAR4	Control word after image
VAR5	Trace back point

SWS2045T SRP RVOKE VAR1: CMTC=VAR2 BEFORE=VAR3

Explanation: This is a diagnostic message issued by the service requestor/provider interface.

Action: None. Diagnostic use only.

The variable fields of the message text are:

VAR1	Processing being performed
VAR2	Requestor's CMTC address
VAR3	Control word before image

SWS2046T SRP RVOKE: RC=VAR1 CMTC=VAR2 BEFORE=VAR3 AFTER=VAR4 TB=VAR5

Explanation: This is a diagnostic message issued by the service requestor/provider interface.

Action: None. Diagnostic use only.

The variable fields of the message text are:

VAR1	Server return code
VAR2	Requestor's CMTC address
VAR3	Control word before image
VAR4	Control word after image
VAR5	Trace back point

SWS2047T SRP RABND: RC=VAR1 CMTC=VAR2 BEFORE=VAR3 AFTER=VAR4 TB=VAR5

Explanation: This is a diagnostic message issued by the service requestor/provider interface.

Action: None. Diagnostic use only.

The variable fields of the message text are:

VAR1	Server return code
VAR2	Requestor's CMTC address
VAR3	Control word before image
VAR4	Control word after image
VAR5	Trace back point

SWS2048T SRP SBIND: RC=VAR1 SERVER=VAR2 RQSTR=VAR3 TB=VAR4

Explanation: This is a diagnostic message issued by the service requestor/provider interface.

Action: None. Diagnostic use only.

The variable fields of the message text are:

VAR1	Server return code
VAR2	Server's CMTC Address
VAR3	Requestor's CMTC Address
VAR4	Trace back point

SWS2049T SRP SFREE: RC=VAR1 SERVER=VAR2 RQSTR=VAR3 TB=VAR4

Explanation: This is a diagnostic message issued by the service requestor/provider interface.

Action: None. Diagnostic use only.

The variable fields of the message text are:

VAR1	Server return code
VAR2	Server's CMTC Address
VAR3	Requestor's CMTC Address
VAR4	Trace back point

SWS2050T SRP SPOST: RC=VAR1 CODE=VAR3 SERVER=%3 RQSTR=VAR4 TB=VAR5

Explanation: This is a diagnostic message issued by the service requestor/provider interface.

Action: None. Diagnostic use only.

The variable fields of the message text are:

VAR1	Server return code
VAR2	Post Code
VAR3	Server's CMTC Address
VAR4	Requestor's CMTC Address
VAR5	Trace back point

SWS2082S ss PRODUCT FAILURE DETECTED

Explanation: Product main command processing function while processing this request detected an abnormal shutdown of the product.

Action: Check the ABEND, what caused it and how best to restart the product. Resolve the current problem and continue.

SWS2083W ss OUT-BOARD TSO SERVER jb,ASID=asid FAILED

Explanation: Shadow end-of-memory (EOM) processing detected the unexpected termination of an out-board TSO Server address space. The server should be automatically restarted by Shadow providing that the server control limits have not been modified.

Action: You may want to determine why the server failed.

The variable fields of the message text are:

jb	Jobname
asid	ASID

SWS2084E var1 var2 FAILED, RC=rc, DETECTED AT ad

Explanation: A CALLRTM invocation within the Shadow End-of-Memory (EOM) failed. The EOM routine was attempting to cancel an out-board TSO Server.

Action: Check the service and return code and attempt to resolve the problem. if the problem cannot be resolved contact NEON Systems customer support to obtain additional assistance.

The variable fields of the message text are:

var1	Service name
var2	Service operand
rc	Service return code

SWS2090I REAL DB2 SUBSYSTEM %1 REPLACES PRODUCT DB2 SUBSYSTEM

Explanation: The product was simulating a virtual DB2 subsystem with the same name as an inactive (but defined) DB2 subsystem. The previously inactive DB2 subsystem was started. The virtual DB2 subsystem has been terminated and will no longer be usable. All requests for this DB2 subsystem will now be handled by the real DB2 subsystem.

Action: There is no action in response to this message. This message is provided for informational purposes only.

SWS2100S uid var2 FAILED - ACF2 var3 ERROR

Explanation: Shadow could not find an ACF2 pointer in the communications vector table. ACF2 is not active.

Action: If ACF2 has to be up at this time take appropriate action to resolve the problem. And if Shadow came up before ACF2 make sure the Shadow parm (OSFsecurity) is not set to the value (checkuserid). bring up ACF2 or resolve the above problem.

The variable fields of the message text are:

uid	Userid string
var2	Initialization type string
var3	Substitution text

SWS2101S uid inittype FAILED - service RC=rc

Explanation: The product security function processing routine GET-MAIN for some private storage failed. This storage is required for the processing of security control blocks.

Action: Review the above storage GETMAIN error. See why storage is unavailable. Check for any exit that limits usage of below the line private storage. Resolve the above problems and restart.

The variable fields of the message text are:

uid	userid string
inittype	initialization type string
service	macro name string
rc	return code

SWS2103S uid rc FAILED - RACF CODES rscd text

Explanation: The product received an unknown return code from
RACF.

Action: Check the related RACF errors and validate return code in
RACF messages and codes manual. Contact your local systems program-
ming group for help.

The variable fields of the message text are:

uid	userid string
rc	RACF return code
rscd	RACF reason code
text	RACF text string

SWS2104E UID VAR2 FAILED - VAR3

Explanation: During LOGON command security checking, the Shadow
security function routine got a non-zero return code from the security
package for the current userid.

Action: Check the security error for the userid. Correct the access prob-
lem or escalate to your security administrator.

The variable fields of the message text are:

UID	USERID string or description
VAR2	Initialization type string or description
VAR3	Failure reason text

SWS2105I var1

Explanation: The Shadow security runction routine received the 'last
logged on' message for the current userid from ACF2.

Action: The message is informational. No response required.

The variable fields of the message text are:

var1	Message text string

SWS2106H uid var2 FOR cnno AT t2 ON d2

Explanation: Shadow security function routine issued this message which is informational for the TSO address spaces.

Action: Informational message. No action required.

The variable fields of the message text are:

uid	Userid string
var2	Initialization type string
cnno	Console id string

SWS2108E text1 text2 FAILED - RC=rc

Explanation: The product failed to extract the security product userid.

Action: Validate the current system situation. Make sure the security package initialization is complete before S__ is started.

The variable fields of the message text are:

text1	error message text
text2	error message text
rc	return code value

SWS2109E ACF2 SECURITY INTERFACE MODULE NOT INSTALLED

Explanation: ACF2 initialization or termination was not possible because the ACF2 interface module has not been installed.

Action: Install the ACF2 interface module. The product installation manual provides additional information about this step. The cntl library contains a member called ACF2LINK that will install the ACF2 interface module.

SWS2120I MEMBER MEM - VAR2

Explanation: THE PRODUCT COPY UTILITY HAS STARTED COPYING MEMBERS BETWEEN PDS'S.

Action: INFORMATIONAL MESSAGE. NO ACTION REQUIRED.

The variable fields of the message text are:

MEM	CURRENT MEMBER NAME
VAR2	INFORMATIONAL TEXT STRING

SWS2121S IO FAILED, RC=RC, MEMBER=MEM, DDNAME=DDN, DSNAME=DSN

Explanation: THE PRODUCT COPY UTILITY WAS COPYING MEMBERS FROM ONE PDS TO ANOTHER AND THE COPY FAILED.

Action: CHECK THE RETURN CODES AND RELATED MVS ERROR MESSAGES. SEE THAT THE DATASETS HAVE ENOUGH SPACE. TAKE ACTION AS RECOMMENDED FOR THE RETURN CODES.

The variable fields of the message text are:

IO	CURRENT I/O OPERATION STRING
RC	CURRENT I/O OPERATION RETURN CODE
MEM	CURRENT MEMBER NAME
DDN	DDNAME STRING
DSN	DATASET NAME STRING

SWS2122I MEMBER MEM RECORD NUM LENGTH %3 IS INVALID

Explanation: The product VB to FB conversion program found a record with an invalid length.

Action: Fix the invalid record and rerun the VB to FB conversion program.

The variable fields of the message text are:

MEM	CURRENT MEMBER NAME
NUM	RECORD NUMBER STARTING FROM ONE

SWS2200E service desc FAILED RC=rc, DETECTED AT ad

Explanation: This is a generic error message used to describe a wide variety of errors. The message text gives a description of the current operation and what the current operation was trying to do.

Action: Check the error messages and the return code associated with this problem. There may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error messages and retry the operation. If the problem cannot be resolved contact NEON Systems to obtain additional assistance.

The variable fields of the message text are:

service	current operation, GETMAIN, FREEMAIN, SYSEVENT, etc.
desc	description
rc	return code

SWS3000T ESTAE LEVEL level errdesc=abcd TIME=t2 SEQ=sqno CPU=CPU ASID=asid

Explanation: Product detected an ABEND error. The current message provides some information about the ABEND. This message, along with other messages, should provide a detailed description of the current ABEND error.

Action: Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

level	level number
errdesc	error description
abcd	ABEND code
sqno	sequence number
CPU	CPU ID number
asid	address space identifier

SWS3001S function errdesc, ABEND abcd AT mod+off

Explanation: The product ESTAE routine detected an ABEND in a routine called by it. The message describes the ABEND error. The product ESTAE routine will continue to attempt recovery from the original error.

Action: Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

function	current function
errdesc	error description
abcd	ABEND code
mod	module name
off	module offset

SWS3005S ESTAE LEVEL level ESTAE func ERROR RC=rc

Explanation: The product ESTAE routine tried to protect itself by issuing an ESTAE macro. The ESTAE failed with a non-zero return code.

Action: The ESTAE routine will continue execution without its own ESTAE. Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

level	level number
func	current function
rc	return code

SWS3006T PSW AT TIME OF ERROR fpsw spsw ILC ilc INTC intc

Explanation: The product ESTAE routine detected an ABEND error. There is no product specific recovery for this error. The ESTAE routine tries to document the abend error by displaying the failing PSW. This message is part of the mini-dump used to describe the current ABEND error.

Action: Check if any other error messages (other than the mini-dump) were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

fpsw	first half of the PSW
spsw	second half of the PSW
ilc	instruction length code
intc	interrupt code

SWS3007T CURRENT ROUTINE NAME=mod ADDRESS=addr OFFSET=off

Explanation: The product ESTAE routine detected an ABEND error. there is no product specific recovery for this error. the ESTAE routine tries to document the abend error by displaying the failing PSW and registers. This message is part of the mini-dump used to describe the current ABEND error.

Action: Check if any other error messages (other than the mini-dump) were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

mod	module name
addr	address
off	module offset

SWS3008T GPR regs reg reg reg reg

Explanation: The product ESTAE routine detected an ABEND error. There is no product specific recovery for this error. The ESTAE routine tries to document the ABEND error by displaying the failing PSW and registers. This message is part of the mini-dump used to describe the current ABEND error.

Action: Check if any other error messages (other than the mini-dump) were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON systems technical support for assistance with this problem.

The variable fields of the message text are:

regs	register range
reg	register contents
reg	register contents
reg	register contents
reg	register contents

SWS3009T mod ctype mod+off

Explanation: The product ESTAE routine detected an ABEND error. There is no product specific recovery for this error. The ESTAE routine tries to document the ABEND error by displaying the calling module sequence of the current routine. This message is part of the mini-dump used to describe the current ABEND error.

Action: Check if any other error messages (other than the mini-dump) were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

mod	module name
ctype	call type
mod	module name
off	module offset

SWS3010T TOO MANY ENTRIES

Explanation: The product ESTAE routine detected an ABEND error. While producing the module call trace, (message 3009T) the loop limit was reach. The product ceases to issue calling module trace messages and procedes to other processing.

Action: Check if any other error messages (other than the mini-dump) were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

SWS3020S INVALID STRING ADDRESS straddr, DETECTED ad

Explanation: A request to the tokenization routine passed an invalid string address. The address in the parameter list was less than or equal to zero.

Action: Check if any other error messages were generated along with the error message above. If the combined error messages were sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, contact your local technical support group for assistance with this problem.

The variable fields of the message text are:

straddr   invalid string address passed to routine

SWS3021S INVALID STRING LENGTH num, DETECTED ad

Explanation: A request to the tokenization routine passed a string length that exceeds the maximum string length allowed.

Action: Check if any other error messages were generated along with the error message above. If the combined error messages were sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, contact your local product systems programming group for help in this regard.

The variable fields of the message text are:

num   string length maximum value

SWS3022S TOKENIZATION LOGIC ERROR, DETECTED ad

Explanation: The tokenization routine detected a logic error during processing of the current request.

Action: Check if any other error messages were generated along with the error message above. If the combined error messages were sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, contact your local product systems programming group for help in this error.

SWS3030E servrtn errdesc FAILED, RC=rc, DETECTED AT ad

Explanation: Some type of error occurred in one of the product common subroutines. See the actual text of the message for an explanation. The error was probably caused by a failure in an operating system service requested by the subroutine.

Action: Check if any other error messages were generated along with the error message above. if the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

servrtn	Service routine
errdesc	Error description
rc	Return code

SWS3031E ABEND abce IN servrtn, REASON CODE=rscd, CALLED BY cs

Explanation: An ABEND was detected in one of the product common subroutines. The ABEND code and service routine are described in the message text. The error was probably caused by a failure in an operating system service requested by the subroutine.

Action: Check if any other error messages were generated along with the error message above. if the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

abce	ABEND code
servrtn	Service routine
rscd	Reason code

SWS3032T INVALID INPUT COMMUNICATION BUFFER PREFIX READ - blksize

Explanation: An invalid buffer prefix was read in from a client application. The buffer prefix was either negative or exceeded the maximum input buffer size.

Action: The connection to the client system is terminated. The client application will probably report an error. Check for any client system error messages. If the failure continues contact NEON Systems.

The variable fields of the message text are:

blksize	block size

SWS3060S INVALID PC FUNCTION CODE func, DETECTED AT ad

Explanation: The product space switch PC routine has been invoked with an invalid function code. This may be caused by specifying an incorrect product subsystem ID on a request when there are multiple copies of the product in the system at different release levels.

Action: Verify that the request that resulted in the product space switch PC routine being invoked is being issued to the correct product subsystem. If the problem cannot be resolved contact NEON Systems to obtain additional assistance.

The variable fields of the message text are:

func   function code

SWS3061E service ABEND abcd AT mod+off

Explanation: An abend failure occurred in the Shadow space switch PC routine. The error message provides the abend code and abend location. This failure was probably caused by a programming error in the calling routine or in the space switch PC routine. This failure can also be caused by product installation and maintenance errors.

Action: Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, contact NEON Systems customer support to obtain additional assistance.

The variable fields of the message text are:

service	current operation (e.g. READ/WRITE etc.)
abcd	Abend code
mod	Module name
off	Module offset

SWS3062E service desc FAILED RC=rc, DETECTED AT ad

Explanation: This is a generic error message used to describe a wide variety of errors. The message text gives a description of the current operation and what the current operation was trying to do.

Action: Check the error messages and the return code associated with this problem. There may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error messages and retry the operation. If the problem cannot be resolved contact NEON Systems to obtain additional assistance.

The variable fields of the message text are:

service	current operation (e.g. SYSEVENT etc.)
desc	description
rc	return code

SWS3063E obj action FAILED, DETECTED AT ad

Explanation: The space switch PC routine is attempting to copy a parameter list passed by its caller into storage that can be accessed in space switch mode and has found that the target storage area is not large enough.

Action: This is an internal product error condition. Call NEON Systems technical support for assistance on this.

The variable fields of the message text are:

obj	plist
action	copy

SWS3070S func (var2) SERVICE var3 var4 var5 var6 var7+var8

Explanation: The product stacking PC function has been invoked in an invalid manner or in an invalid environmental state, or has abended during execution.

Action: Verify that the request that resulted in the stacking space switch PC routine being invoked is being issued to the correct product subsystem. If the problem cannot be resolved contact NEON Systems to obtain additional assistance.

The variable fields of the message text are:

func	PC sub-function description
var2	PC routine sub-function code
var3	Error description
var4	Completion or Return code
var5	Reason code
var6	Location of error or failure
var7	Failing Module
var8	Failing offset

SWS3071T func (var2) SERVICE var3 var4 var5 var6 var7+var8

Explanation: The product stacking PC function has been invoked in an invalid manner or in an invalid environmental state, or has abended during execution. This is a duplicate of msg S__3070, but is written to the trace.

Action: Verify that the request that resulted in the stacking space switch PC routine being invoked is being issued to the correct product subsystem. If the problem cannot be resolved contact NEON Systems to obtain additional assistance.

The variable fields of the message text are:

func	PC sub-function description
var2	PC routine sub-function code
var3	Error description
var4	Completion or Return code
var5	Reason code
var6	Location of error or failure
var7	Failing Module
var8	Failing offset

SWS3080E var1 FAILED FOR uid RC=rc AT ad

Explanation: A logoff was attempted to the current server address space by a user other that the one currently logged on. The current server address space is terminated. A new one will started.

Action: If problems are encounterred with servers, Shadow cancels them and restarts them. Normal Shadow mode of operation. check if the current abend was an independent one or Shadow caused and escalate accordingly.

The variable fields of the message text are:

var1	Current operation text string
uid	Userid
rc	Return code

SWS3081T TSO SERVER IN ASID ASID var2 var3 var4 var5

Explanation: This is a trace message issued by the subsystem dataset read/write routine.

Action: None.

The variable fields of the message text are:

ASID	TSO Servers Address Space ID
var2	variable trace information
var3	variable trace information
var4	variable trace information
var5	variable trace information

SWS3082W OUTPUT LIMIT EXCEEDED (var1 LINES) - CANCEL SELF WITH S722

Explanation: A TSO command running in an Shadow TSO server address space has exceeded the output line limit for server commands as specified in the TSOSRVMAXLINES parameter.

Action: Modify the command to reduce the number of lines output or increase the TSOSRVMAXOUTPUTLINES value. The TSO server will cancel itself with an S722 completion code to abort processing of the current command.

The variable fields of the message text are:

var1   Tso command output line limit

SWS3083S COMMAND REQUESTED MORE INPUT - COMMAND ABORTED

Explanation: Shadow servers do not support commands that request additional input in subcommand mode.

Action: Modify the command processor so that subcommand input is not required.

SWS3084W service OF desc FAILED, RC=rc

Explanation: This is a generic error message used to describe a wide variety of errors detected by the Shadow TSOSRV subsystem interface read/write interface routine. The message text provides the current operation and what the current operation was trying to do.

Action: Check the error messages and the return code associated with this problem. There may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error messages and restart the product.

The variable fields of the message text are:

service   Post
desc   Description (e.g. TSO execute processor)
rc   Return code

SWS3085H job A=asid (asid) TSO SERVER TERMINATED BY REQUEST

Explanation: An Shadow server address space has received a request to terminate. This may occur at shutdown or when one of the parameters governing the TSO servers (MIN or MAX values) has been modified.

Action: None.

The variable fields of the message text are:

job	Jobname
asid	Address space identifier in decimal
asid	Address space identifier in hexadecimal

SWS3086H LOGON OF Userid TO TSO SERVER FAILED - RC=var1 (var2) REASON=var3

Explanation: An Shadow TSO Server address space was not able to logon the indicate client userid. The current command is bypassed.

Action: Determine why the client userid logon failed and resubmit the command.

The variable fields of the message text are:

Userid	Client Userid
var1	SAF Interface return code
var2	RACF return code
var3	RACF reason code

SWS3087H REQUESTOR HAS REVOKED COMMAND REQUEST - CANCEL SELF WITH S622

Explanation: An Shadow TSO Server address space was not able to bind to the requesting task while attempting to return the results of a TSO command. The server abandons the request and terminates additional processing of the request by cancelling itself with a 622 completion code.

Action: Determine why the requesting task abandoned the request and resubmit. The requesting task may have timed out awaiting a response to the request.

SWS3100S INVALID TEXT INSERTION ADDRESS - addr nmoff

Explanation: The product message formatting routine detected an error in a data address passed to it. Because of the invalid data address a product message cannot be sent. This means that some other error may have occurred and the error message not sent because of the current error. the invalid address is actually an scon. The offset is the location of the calling routine that passed the invalid data.

Action: Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

addr	address
nmoff	module name and offset

SWS3101S MESSAGE NUMBER num NOT FOUND - nmoff

Explanation: The product message formatting routine could not find a message number passed to it in the product message table. Because the message number could not be found, a product message cannot be sent. This means that some other error may have occurred and the error message not sent because of the current error. The error is caused by either a calling routine passing an invalid message number or by an error in the message table. The offset is the location of the calling routine that passed the message number that could not be found.

Action: Check if the product is properly installed. Check the message table assembly time, date, and version number. Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

num	number
nmoff	module name and offset

SWS3102S INVALID MESSAGE TEXT VARIABLE - "var" nmoff

Explanation: The product message formatting routine could not process a substitution variable ('%') found in a message skeleton. Because the substitution variable could not be processed, a product message cannot be sent. This means that some other error may have occurred and the error message not sent because of the current error. the error is caused by an programming error in the message table. The offset is the location of the calling routine that invoked the message formatting routine.

Action: Check if the product is properly installed. Check the message table assembly time, date, and version number. Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

var   variable
nmoff   module name and offset

SWS3103S INVALID TEXT INSERTION DATA LENGTH - nmoff

Explanation: The product message formatting routine could not process the length part of a substitution variable ('%()') found in a message skeleton. Because the substitution variable could not be processed, a product message cannot be sent. This means that some other error may have occurred and the error message not sent because of the current error. The error is caused by a programming error in the message table. The offset is the location of the calling routine that invoked the message formatting routine.

Action: Check if the product is properly installed. Check the message table assembly time, date, and version number. Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

nmoff   module name and offset

SWS3104S INVALID TEXT INSERTION DATA TYPE - nmoff

Explanation: The product message formatting routine detected an invalid data type value passed to it by a calling routine. Because of the invalid data type value a product message cannot be sent. This means that some other error may have occurred and the error message not sent because of the current error. The error is caused by a programming error in the calling routine. The offset is the location of the calling routine that passed the invalid data type value.

Action: Check if the product is properly installed. Check the calling module assembly time, date, and version number. Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take what- ever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

nmoff   module name and offset

SWS3105S OUTPUT MESSAGE BUFFER OVERFLOW - nmoff

Explanation: The product message formatting routine found that the current message will not fit in the output buffer. Because of the buffer overflow condition a product message cannot be sent. This means that some other error may have occurred and the error message not sent because of the current error. The error is caused by either a programming error in the calling routine or a message table error. The offset is the loca- tion of the calling routine that invoked the message formatting routine.

Action: Check if the product is properly installed. Check the calling module assembly time, date, and version number. Also check the mes- sage table assembly time, date, and version number. Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Sys- tems technical support for assistance with this problem.

The variable fields of the message text are:

nmoff   module name and offset

SWS3106S INVALID PACKED DECIMAL FOR TEXT INSERTION - ivdata nmoff

Explanation: The product message formatting routine detected that an invalid decimal data value had been passed to it by a calling routine. Because of the invalid decimal data value a product message cannot be sent. This means that some other error may have occurred and the error message not sent because of the current error. The error is caused by a programming error in the calling routine. The offset is the location of the calling routine that invoked the message formatting routine.

Action: Check if the product is properly installed. Check the calling module assembly time, date, and version number. Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take what-ever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

ivdata	invalid data value
nmoff	module name and offset

SWS3107S INVALID REPLY PARAMETER - nmoff

Explanation: The product message formatting routine detected that a reply area had been passed to it, for a message that is not marked as a WTOR in the message table. Because of this logical inconsistency a product message cannot be sent. This means that some other error may have occurred and the error message not sent because of the current error. The error is caused by either a programming error in the calling routine or a message table error. The offset is the location of the calling routine that invoked the message formatting routine.

Action: CHECK if the product is properly installed. Check the calling module assembly time, date, and version number. Also check the message table assembly time, date, and version number. Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take what-ever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

nmoff	module name and offset

SWS3108S INVALID REPLY AREA LENGTH - rplen nmoff

Explanation: The data value entered by a user was too long for the reply area passed by the calling routine. This error was detected by the message formatting routine. The error is caused by a programming error in the calling routine. The offset is the location of the calling routine that invoked the message formatting routine.

Action: Check if the product is properly installed. Check the calling module assembly time, date, and version number. Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

rplen	reply area length
nmoff	module name and offset

SWS3109E INTERNAL ERROR DETECTED AT OPSNMG + X'off', RC = X'rc'

Explanation: The message formatting routine detected a serious internal error. For example, a system service may have failed with a non-zero return code or an abend may have occurred. this means that some other error may have occurred and the error message not sent because of the current error. the error is caused by either a programming error in the calling routine or a message table error.

Action: Check if the product is properly installed. Check the calling module assembly time, date, and version number. also check the message table assembly time, date, and version number. check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

off	module offset
rc	return code

SWS3120S am service FAILED FOR DDNAME=ddn, DSNAME=dsn

Explanation: An attempt to open the specified dataset failed.

Action: Try to determine why the open failed. If you are unable to deter-
mine the reason for the failure call NEON Systems technical support for
assistance.

The variable fields of the message text are:

am	access method (QSAM, BSAM or BPAM)
service	open
ddn	ddname
dsn	dataset name

SWS3121S RECORD SIZE size INVALID, LRECL=lrecl, BLK-SIZE=blksize, DDNAME=ddn, DSNAME=dsn

Explanation: During a WRITE/PUT operation, the product I/O rou-
tines have been passed a record with an invalid record size. The record
size is either 0 or greater than the maximum logical record size (lrecl)
allowed for the indicated dataset.

Action: Attempt to determine the reason for the failure. If you are
unable to determine the reason for the failure call NEON Systems techni-
cal support for assistance.

The variable fields of the message text are:

size	size of current record
lrecl	LRECL from the DCB
blksize	BLKSIZE from the DCB
ddn	ddname
dsn	dataset name

SWS3122S VSAM type FAILED, RC=rc, fname FIELD=fvalue, DDNAME=ddn, DSNAME=dsn

Explanation: Product generalised input/output processing routine tried to open a VSAM dataset. The VSAM OPEN failed.

Action: Review the error message text. See what caused the OPEN to fail based on the return code. Review the current dataset for any obvious errors. Correct the above problems and restart.

The variable fields of the message text are:

type	type of operation (OPEN)
rc	return code
fname	the ACB or RPL field name
fvalue	the ACB or RPL field value
ddn	ddname
dsn	dataset name

SWS3123S UNSUPPORTED obj TYPE, DDNAME=ddn, DSNAME=dsn

Explanation: The product generalized I/O routine has been passed a DSORG or RECFM that is not supported.

Action: Validate that the dataset specified has a supported dataset organization (DSORG) or record format (RECFM). If you are unable to determine the reason for the failure call NEON Systems technical support for assistance.

The variable fields of the message text are:

obj	object ('DSORG' or 'RECFM')
ddn	ddname
dsn	dataset name

SWS3124S SHOWCAT FAILED, RC=rc, DDNAME=ddn, DSNAME=dsn

Explanation: Product generalised input/output processing routine tried to list the required (message data) from a dataset, the SHOWCAT operation failed with the above return code.

Action: Review the error message text. See what caused the SHOWCAT operation to fail based on the return code. Corrects the above problems and restart. Else contact your local product systems programming group for support.

The variable fields of the message text are:

rc	return code
ddn	ddname
dsn	dataset name

SWS3125S INVALID VSAM OBJECT ("obj"), DDNAME=ddn, DSNAME=dsn

Explanation: Product generalised input/output processing routine when processing a VSAM dataset, found the object to be invalid.

Action: Review the error message text. Validate the VSAM object and analyse for integrity. Review errors with the definition of the current dataset. Notice if it was properly defined and that no other errors exist with it.

The variable fields of the message text are:

obj	vsam data object
ddn	ddname
dsn	dataset name

SWS3126E DYNAMIC ALLOCATION FAILED, RC=rc, ERROR CODE=ec, INFO CODE=ic, DDNAME=ddn, DSNAME=dsn

Explanation: An attempt to dynamically allocate a dataset failed. The error message contains the information associated with the failed request.

Action: Review the information contained in the message and attempt to correct the problem. Information on the codes may be obtained from the MVS/ESA SPL: Application Development Guide (see the section 'SVC 99 Return Codes'). If after reviewing this information you are still unable to correct the problem call NEON Systems technical support to obtain additional assistance.

The variable fields of the message text are:

rc	return code
ec	error code
ic	information reason code
ddn	ddname
dsn	dataset name

SWS3127S VSAM service FAILED, RC=rc, DDNAME=ddn, DSNAME=dsn

Explanation: Product generalised input/output processing routine could not display check error message for the current VSAM dataset. The operation failed.

Action: Review the error message text. Validate the VSAM dataset, analyse for intergrity. Review errors with the definition of the current dataset. That it was properly defined and no other errors exist with it.

The variable fields of the message text are:

service	type of operation (CHECK)
rc	return code
ddn	ddname
dsn	dsname

SWS3128E service desc FAILED RC=rc, DETECTED AT ad

Explanation: This is a generic error message used to describe a wide variety of i/o related errors. The message text gives a description of the current operation and what the current operation was trying to do.

Action: Check the error messages and the return code associated with this problem. There may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error mes-sages and restart the product. If the problem cannot be resolved contact NEON Systems to obtain additional assistance.

The variable fields of the message text are:

service	current operation, GETMAIN, FREEMAIN, ATTACH etc.
desc	description
rc	return code

SWS3129E service desc

Explanation: This is a generic error message used to describe a wide variety of i/o related errors. The message text gives a description of the current operation and what the current operation was trying to do.

Action: Check the error messages and the return code associated with this problem. There may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error mes-sages and restart the product. If the problem cannot be resolved contact NEON Systems to obtain additional assistance.

The variable fields of the message text are:

service	current operation, GETMAIN, FREEMAIN, ATTACH etc.
desc	error description

SWS3130E Dynamic Allocation command error. Command Dynamic

Explanation: The format of a dynamic allocation/de-allocation command is in error. The message contains information associated with the parameter(s) in error.

Action: Review the information contained in the message and correct the command format.

The variable fields of the message text are:

Command   parser error message
Dynamic   Allocation/De-Allocation command

SWS3131E Directory Entry Services failed. RC=Return, RSN=Reason

Explanation: While issuing the DESERV macro to obtain Directory Entry information, the system returned an unexpected return code and reason code.

Action: Review the DFSMS/MVS manual to ensure that you do not have any file problems. Otherwise, add "MODIFY PARM(FILEIO-MODE) VALUE(24)" to your initialization member (S___IN00) and restart the Shadow Server address space. Then contact NEON Systems Support with the return code, reason code, MVS and DFSMS levels.

The variable fields of the message text are:

Return   code from the DESERV macro
 Reason   code from the FUNC=GET_ALL service

SWS3132E HFS Service failed for 'Path' - RC=Return (ERRNO), RSN=Reason (JERRNO) - ERRNO / JERRNO

Explanation: While invoking an Open Edition HFS service for the entity identified by path, the system returned an unexpected return code and reason code.

Action: Review the appropriate Open Edition manual for the meaning of the return and reason codes. If the cause of the error cannot be readily determined, then contact NEON Systems Technical Support.

The variable fields of the message text are:

Service	name
Path	name
Return	code from the Open Edition Service
ERRNO	name string from Open Edition Service
Reason	code from the Open Edition Service
JERRNO	name string from Open Edition Service
ERRNO	description
JERRNO	description

SWS3140W INVALID desc CODE func FOR service, DETECTED AT ad

Explanation: A product routine called the system management module with an invalid function code. This failure was probably caused by a programming error in the calling routine. This failure can also be caused by product installation and maintenance errors.

Action: Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

desc	description
func	current function
service	current operation

SWS3141E rsrce ss FAILED, RC=rc, DETECTED AT ad

Explanation: Some type of error occurred in the system management routines of the product. See the actual text of the message for an explanation. The error was probably caused by a failure in an operating system service requested by a product system management routine.

Action: Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

rsrce	resource name
ss	system service
rc	return code

SWS3142W INVALID ivdata FOR func, DETECTED AT ad

Explanation: Some type of error occurred in the system management routines of the product. See the actual text of the message for an explanation. This failure was probably caused by a programming error in the calling routine or in the system management module. This failure can also be caused by product installation and maintenance errors.

Action: Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

ivdata	invalid data
func	current function

SWS3143U DISPATCHER FAILURE DETECTED AT ad

Explanation: The internal product dispatcher detected a serious error. This failure was probably caused by a programming error in the system management module. This failure can also be caused by product installation and maintenance errors.

Action: Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

SWS3145S cb ERROR SUBSYS =subsys

Explanation: The product detected a serious operating system control block error. The operating system control block error prevented the system management routine from performing some request on behalf of a caller. This control block error may cause other system errors and may cause the operating system to fail.

Action: Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. You may need to IPL the system to resolve this problem. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

cb	control block
subsys	subsystem name

SWS3146S EMERGENCY PRODUCT SHUTDOWN STARTED - err-desc

Explanation: The product is shutting down because of a serious error. The error may be an abend failure inside the product or because a product rate limit has been exceeded. The message text describes the current error. the error may have been caused by a product programming error or by a system failure of some kind. The product will turn itself off and disconnect itself from the operating system.

Action: Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

errdesc   error description

SWS3148E MAIN PRODUCT ADDRESS SPACE NOT ACTIVE

Explanation: Some routine tried to use a product facility that requires the main product address space to be active. the product facility could not be used because the main product address space is not active.

Action: This may or may not be an error condition. Start or restart the main product address space if need be. check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

SWS3150E INVALID desc, VALUE ivdata, DETECTED AT ad

Explanation: A system management routine detected invalid data. The error message describes the invalid data. This failure was probably caused by a programming error in the calling routine or in the system management module. This failure can also be caused by product installation and maintenance errors.

Action: Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

desc	description
ivdata	invalid data

SWS3151H ABEND abcd IN func mod+off

Explanation: A system management routine detected an abend while processing a message queue. The message text provides the abend code, current operation, and abend location. this failure may have been caused by a programming error in the calling routine or in the system management module. This failure can also be caused by product installation and maintenance errors. This failure will also occur when an address space containing a message queue terminates unexpectedly.

Action: Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

abcd	ABEND code
func	current function
mod	module name
off	module offset

SWS3152W errdesc errdesc errdesc, DETECTED AT ad

Explanation: A system management routine detected an error while processing a request on behalf of a caller. The message text describes the failure. This failure may have been caused by a programming error in the calling routine or in the system management module. This failure can also be caused by product installation and maintenance errors.

Action: Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

errdesc	error description
errdesc	error description
errdesc	error description

SWS3153E ABEND abcd IN func mod+off

Explanation: A system management routine detected an ABEND while performing a service on behalf of a caller. The message text provides the ABEND code, current operation, and ABEND location. This failure may have been caused by a programming error in the calling routine or in the system management module. This failure can also be caused by product installation and maintenance errors.

Action: Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

abcd	ABEND code
func	current function
mod	module name
off	module offset

SWS3156E rsrce MISSING AND REQUIRED FOR ss, DETECTED AT ad

Explanation: A system management routine detected that a resource needed to perform a service on behalf of a user is not available. The service cannot be be provided because of the error. The message text identifies the service requested by the user and the missing resource.

Action: Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

rsrce	resource name
ss	system service

SWS3157E func ABEND abcd AT addr

Explanation: An ABEND failure occurred when a system management routine called an mvs service routine. The ABEND occurred in the MVS service routine. The error message provides the ABEND code and ABEND location. This failure was probably caused by a programming error in the calling routine, in the system management module, or possibly in the IBM service routine. This failure can also be caused by product installation and maintenance errors.

Action: Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

func	current function
abcd	ABEND code
addr	address at which the ABEND occurred

SWS3200W INVALID SUBPOOL NUMBER=subp REQUESTED BY mod+off

Explanation: The storage management routine detected an invalid subpool number in a parameter list passed by a caller. The subpool number is not supported by the storage management routine. The storage management module cannot perform the service requested by the caller. The error message gives the invalid subpool number and the location of the calling routine. This failure may have been caused by a programming error in the calling routine or in the storage management routine. This failure can also be caused by product installation and maintenance errors.

Action: Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

subp	storage subpool number
mod	module name
off	module offset

SWS3201W STORAGE USAGE stgsfx EXCEEDS LIMIT, REQUESTED BY mod+off

Explanation: The storage management routine detected that the current storage request would cause the product to exceed one of its storage allocation limits. The product has storage allocation limits (for CSA, ECSA, Private, Eprivate) to prevent excessive storage requests from impacting the operating system as a whole. The current storage request would cause an allocation limit to be exceeded, if the request was accepted. Instead the storage allocation request is rejected. This failure may have been caused by a programming error in the calling routine, or in the storage management routine, or in some other part of the product. This failure may show that a storage allocation limit needs to be increased. This failure can also be caused by product installation and maintenance errors.

Action: Check if a storage allocation limit needs to be increased. Storage allocation limits can be changed by modifying product parameters. Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

stg	storage area size or amount
sfx	quanity suffix, 'K' or 'M'
mod	module name
off	module offset

SWS3202W func ERROR RC=rc REQUESTED BY mod+off

Explanation: A GETMAIN or FREEMAIN request failed with a non-zero return code. The error message gives the storage request type ('GET' or 'FREE'), the return code, and the location of the calling routine. This failure may have been caused by a programming error in the calling routine or in the storage management routine. This failure can also be caused by product installation and maintenance errors.

Action: Check if some type of operating system problem (storage shortage) may have caused the problem. Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

func	current function
rc	return code
mod	module name
off	module offset

SWS3203W STORAGE USAGE stgsfx BELOW ZERO, REQUESTED BY mod+off

Explanation: The storage management routine detected that the current storage request (which may have been a GETMAIN or a FREEMAIN) caused one of the product storage allocation totals to fall below zero. The product has storage allocation totals (for CSA, ECSA, Private, Eprivate) to keep track of storage utilization. These totals should never fall below zero. This message indicates some type of internal product failure has occurred. This failure may have been caused by a programming error in the calling routine, or in the storage management routine, or in some other part of the product. This failure can also be caused by product installation and maintenance errors.

Action: Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

stg	storage area size or amount
sfx	quanity suffix, 'K' or 'M'
mod	module name
off	module offset

SWS3204T mod+off func stype subp stg stg stg %9

Explanation: This is a storage trace message generated by the product storage management routine. Storage traces are used to analyze product storage utilization and to find storage management bugs. This is not an error message. The message gives the calling module name, calling module offset, current function 'GET' or 'FREE', storage type, subpool number, storage area size, old storage total, and new storage total.

Action: Check if storage trace was activated for some reason. If storage trace is active, ignore this message. Otherwise, storage trace has been inadvertently activated by a memory overlay. Call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

mod	module name
off	module offset
func	current function
stype	storage type (E/CSA or E/Private)
subp	storage subpool number
stg	storage area size or amount
stg	storage area size or amount
stg	storage area size or amount

SWS3205E STORAGE ROUTINE ABEND CODE abcd AT mod+off

Explanation: The storage management routine detected an ABEND while performing a service on behalf of a caller. The message text provides the ABEND code and ABEND location. This failure may have been caused by a programming error in the calling routine or in the storage management module. This failure can also be caused by product installation and maintenance errors.

Action: Check if some type of operating system problem (storage shortage) may have caused the problem. Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

abcd	ABEND code
mod	module name
off	module offset

SWS3206S SUBPOOL subp REQUIRES GLOBAL MASTER AT mod+off

Explanation: The storage management routine detected a request for a subpool that can only be executed using the control blocks of the main product address space. However, the caller did not provide the main product address space control blocks. The current storage request will be rejected. This message indicates an internal error in the product. This failure may have been caused by a programming error in the calling routine or in the storage management module. This failure can also be caused by product installation and maintenance errors.

Action: Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

subp	subpool number
mod	module name
off	module offset

SWS3207S CROSS MEMORY REQUIRES GLOBAL MASTER AT mod+off

Explanation: The storage management routine detected a request for a cross memory GETMAIN or FREEMAIN that can only be executed using the control blocks of the main product address space. However, the caller did not provide the main product address space control blocks. The current storage request will be rejected. This message indicates an internal error in the product. This failure may have been caused by a programming error in the calling routine or in the storage management module. This failure can also be caused by product installation and maintenance errors.

Action: Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

mod	module name
off	module offset

SWS3208S stype RETURNED FOR stype REQUESTED BY mod+off

Explanation: The storage management routine detected that a request for extended storage (above the 16 MB line) was satisfied with non-extended storage (below the 16 MB line). This will only happen when the extended storage area has been depleted and MVS is returning non-extended storage to satisfy storage requests. For example, the product is requesting ECSA storage but MVS is returning CSA storage because ECSA has been completely allocated. This problem can only also occur for private area storage as well.

Action: This is a very serious error and requires immediate action. If the message shows that CSA is being returned for ECSA requests, then ECSA has been depleted. One or more products may have to be termi-nated to release ECSA. At some point, the amount of ECSA allocated may have to be increased. Note that the product can continue to execute in this case. However, CSA is likely to be depleted leading to complete MVS system failure. If the message indicates that the problem is occur-ring for private area storage contact NEON Systems product support for assistance with this problem.

The variable fields of the message text are:

stype	storage type (E/CSA or E/Private)
stype	storage type (E/CSA or E/Private)
mod	module name
off	module offset

SWS3209S NO ASCB SPECIFIED FOR TCB-LEVEL STORAGE REQUEST AT mod+off

Explanation: The storage management routine detected that a cross memory getmain or freemain with an explicitly specified TCB associa-tion did not specify the address space designation along with the request.

Action: Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Oth-erwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

mod	module name
off	module offset

SWS3250S service ERROR RC=rc

Explanation: This message describes a variety of errors encountered while using the QEDIT supervisor service.

Action: This problem may be caused by either a failure in the product or in the operating system. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

service   current operation
rc   return code

SWS3251I cmd text

Explanation: This message is only issued when the product is in debugging mode. It echos commands sent to the product.

Action: No action required. Informational only.

The variable fields of the message text are:

cmd   command verb
text   message text

SWS3252S SEF INITIALIZATION TIMEOUT DETECTED

Explanation: This message is issued when the product attempted to initialize full SEF support and SEF initialization did not complete in the allowed time period. This is a serious error and product initialization is terminated.

Action: Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

SWS3253I %PM Version vers Subsystem subsys Initialization Complete

Explanation: This is the standard product initialization complete message.

Action: No action required.

The variable fields of the message text are:

vers   product version
subsys   subsystem name

SWS3254E MODULE NAME (module) NOT FOUND IN ADDRESS VECTOR TABLE

Explanation: Product did not find the module name included in the reload modify command in the address vector table.

Action: A product internal function failed. Check the available info for any external causes to this problem. Contact your local product systems programming group for help if necessary.

The variable fields of the message text are:

module   module name

SWS3255E MODULE NAME (module) RELOAD FAILED RC=rc

Explanation: Product did find the module name included in the reload modify command in the address vector table but the reload process failed.

Action: Check why the reload failed based on the return code and the module name. See if this is not caused by some error external to the product. Contact your local product systems programming group for help.

The variable fields of the message text are:

module   module name
rc   return code

SWS3256E MODULE RELOAD COMMAND FORMAT INVALID

Explanation: Product found the current reload command to be having a command format error or invalid command format. The reload request is terminated.

Action: Check why the reload failed based on the return code and the module name. See if this is not caused by some error external to the product. Contact your local product systems programming group for help.

SWS3257I MODULE NAME (module) RELOADED AT addr

Explanation: Product reloaded the current module name at the current offset.

Action: This message is informational. No response required.

The variable fields of the message text are:

module	module name text
addr	address text string

SWS3258E MODULE NAME (module) CANNOT BE RELOADED

Explanation: Product could not reload the current module name.

Action: Check why the current module cannot be reloaded. Produce an AMBLIST report about the attributes of the current module and analyze them. Contact your local product systems programming group for support.

The variable fields of the message text are:

module	module name

SWS3259E (cmd) INVALID COMMAND

Explanation: The product tried to match an operator command to an existing command rule and was unsuccessful.

Action: Verify that the specified command is spelled correctly and and that it exists and is enabled in the current command rule dataset.

The variable fields of the message text are:

cmd   cmd rule name

SWS3300W INVALID desc CODE func FOR service, DETECTED AT ad

Explanation: A product routine called the SQL management module with an invalid function code. This failure was probably caused by a programming error in the calling routine. This failure can also be caused by product installation and maintenance errors.

Action: Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

desc   description
func   current function
service   current operation

SWS3301E PLAN plan DBRM dbrm TIMESTAMPS MISMATCH pts dts

Explanation: The timestamp associated with the SQL statement plist does not match the timestamp in the DBRM. The exact SQL statement cannot be displayed.

Action: Verify that the DBRM library specified in the JCL of the main product library is sychronized with the application program load library (i.e., both the load and the DBRM were produced from the same version of the source). Correct any mismatch and re-start the product.

The variable fields of the message text are:

plan	plan name string
dbrm	DBRM name string
pts	plist timestamp
dts	DBRM timestamp

SWS3302E ddn DDNAME NOT ALLOCATED - SQL SOURCE NOT AVAILABLE

Explanation: The DBRM DD statement is not present in the JCL used to start the main product address space.

Action: Add the DBRM DD statement to the JCL of the main product address space

The variable fields of the message text are:

ddn	ddname (DBRM)

SWS3303E DBRM OPEN FAILED FOR DDNAME=ddn DSNAME=dsn RC=iorc

Explanation: S__ tried to open the DBRM library for input and the open operation failed. Actual SQL statement texts cannot be without the DBRM(s).

Action: Examine the dataset and any other messages that may accompany this one. If you are able to resolve the problem, re-start the product.

The variable fields of the message text are:

ddn	ddname
dsn	dataset name
iorc	I/O return code

SWS3304E MEMBER dbrm NOT FOUND IN DBRM LIBRARY

Explanation: A BLDL for the DBRM member failed.

Action: Determine why the DBRM is missing from the DBRM library. If need be change the library specified in the JCL for the main address space and re-start the product.

The variable fields of the message text are:

dbrm	DBRM name

SWS3305E func FAILED FOR MEMBER=dbrm DDNAME=ddn DSNAME=dsn RC=iorc

Explanation: An I/O operation failed while attempting to access the DBRM library.

Action: Use this message in conjunction with any other messages that may accompany it to resolve the problem. You may also want to examine the dataset for problems. Once the problem is corrected, re-start the product.

The variable fields of the message text are:

func	current I/O operation
dbrm	DBRM member name
ddn	DD name text string
dsn	dataset name
iorc	current I/O operation return code

SWS3306E DBRM MEMBER dbrm TOO LARGE, MAXIMUM SIZE IS num RECORDS

Explanation: The current DBRM is too large for S__ to handle.

Action: Check to make sure that the DBRM actually does contain more than the maximum number of records. If it does, contact NEON Systems for assistance with this problem.

The variable fields of the message text are:

dbrm	DBRM name
num	maximum number of DBRM records

SWS3307E DBRM MEMBER dbrm IS EMPTY

Explanation: The DBRM member specified by the message does not contain any records.

Action: Verify that the dataset does not contain any records. If it does not contain records, replace it with a corrected DBRM member. If the member does contain records, contact NEON Systems for assistance with this problem.

The variable fields of the message text are:

dbrm	DBRM member name

SWS3308E DBRM MEMBER NAME dbrm DOES NOT MATCH PROGRAM NAME pgm

Explanation: The DBRM member name does not match the program name that is contained within the DBRM.

Action: It is possible that the DBRM member has been renamed. Verify that that is the problem and correct it. The DBRM member name and the program name contained with in the DBRM must be identical.

The variable fields of the message text are:

dbrm	DBRM member name
pgm	program name contained within the DBRM

SWS3309E SQL STATEMENT num MISSING FROM DBRM dbrm

Explanation: The SQL statement identified by the application program's plist could not be found in the corresponding DBRM member.

Action: The plist's statement number should match one of statements in the DBRM. Verify that the application program load module and the DBRM are synchronized (i.e. they were produced from the same version of the source and at the same time). Correct any mismatches and re-start the product.

The variable fields of the message text are:

num	SQL statement number from plist
dbrm	DBRM name

SWS3310E DBRM close FAILED FOR DDNAME=ddn DSNAME=dsn RC=iorc

Explanation: S__ tried to close the DBRM library and the close operation failed. Resources may not have been completely released.

Action: Examine the dataset and any other messages that may accompany this one. If you are able to resolve the problem, re-start the product.

The variable fields of the message text are:

ddn	ddname
dsn	dataset name
iorc	I/O return code

SWS3421E COF ABEND RECURSION HAS OCCURRED

Explanation: This message is generated by the COF when CICS abend recursion is detected. This means that a first level error (CICS abend) occurred in a CICS transaction and that the routine that handles CICS abends also failed. The second level CICS abend routine issues this message.

Action: This messages indicates that some type of serious internal failure has occurred in the COF. All of the information about this failure should be collected check for any additional error messages or other failures that may by related to the current problem. Contact NEON Systems technical support to obtain additional assistance.

SWS3700H TSO/SRV NOW USING var1 SERVERS - MIN=var2 MAX=var3

Explanation: Shadow has allocated a new server descriptor control block and will start a new TSO/SRV Server address space.

Action: None.

The variable fields of the message text are:

var1	Current number of active servers
var2	Current setting of the CGIMIN parameter
var3	Current setting of the CGIMAX parameter

SWS3701I service OF desc FAILED, RC=rc

Explanation: This is a generic error message used to describe a wide variety of errors detected by the Shadow server routine manager. The message text provides the current operation and what the current operation was trying to do.

Action: Check the error messages and the return code associated with this problem. There may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error messages and restart the product.

The variable fields of the message text are:

service	Current operation, GETMAIN, FREEMAIN, timer set, timer cancel, ECB post etc.
desc	Description
rc	Return code

SWS3702H TSO/SRV STARTED SERVER jb,ASID=asid

Explanation: Shadow has issued a start command to create a new TSO/SRV server address space and the address space has been created.

Action: None.

The variable fields of the message text are:

jb	Jobname
asid	ASID of the TSO/SRV server address space

SWS3703W TSO/SRV SUBTASK UNABLE TO SCHEDULE EXTERNAL TSO SERVER - ABEND/POST CODES=(var1/var2)

Explanation: Shadow TSO/SRV execute queue processing function detected an abend or error while attempting to schedule a command into an external TSO server address space. This message is returned to the original requestor.

Action: Gather all abend error data and contact your local Shadow systems programming group for support.

The variable fields of the message text are:

var1   Abend code or zero
var2   Post Return code or zero

SWS3704H TSO/SRV CANCELLED SERVER jb,ASID=asid

Explanation: Shadow has issued a cancel command to eliminate an TSO/SRV server address space. This may occur either due to a change (reduction) in the value of the TSOMINSERVERS parameter or due a server command exceeding its execution limits.

Action: When a server command exceeds the server execution limits this message is accompanied by a message describing which limit is exceeded. Either modify the limit or correct the server command/program.

The variable fields of the message text are:

jb   Jobname
asid   ASID of the TSO/SRV server address space

SWS3705I IDLE TSO SERVER TERMINATED DUE TO TSOMAXSERVERS

Explanation: Shadow detected that currently there were more servers active than the user specified TSOMAXSERVERS parameter, and terminated the server in question as it was currently idle.

Action: No action required

SWS3706W TRANSACTION ABORTED

Explanation: This message is sent to the issuer of an TSO/SRV server command when the server has terminated while executing the transaction.

Action: Check for other messages associated with this condition and attempt to resolve the problem.

SWS3707S TSO/SRV SERVER FAILED DURING INITIALIZATION

Explanation: Shadow attempted to start an TSO/SRV server address space. however the address space failed during initialization.

Action: Verify that the TSO/SRV server started task JCL is correct. JCL errors of one kind or another (e.g. dataset does not exist) are frequently the cause of this condition. if you are unable to resolve the problem contact NEON Systems customer support to obtain additional assistance.

SWS3708E UNABLE TO FIND ASVT ENTRY FOR TSO/SRV SERVER ASID=asid

Explanation: After issuing an internal start command for an TSO/SRV address space, Shadow attempted to validate the returned ASID and has found it to be invalid. The ASID is either negative, greater than the system MAXUSER value, or the associated ASVT entry is currently not in use.

Action: This condition is extremely unlikely to occur.

The variable fields of the message text are:

asid   ASID returned by the system

SWS3709W TSO SERVER CANCELED - MAX TRANSACTION TIME EXCEEDED

Explanation: The transaction currently being processed by the server in question has exceeded the maximum amount of time allowed by TSO-MAXCMDRUNTIME and thus has caused the cancellation of the server.

Action: Please examine the SYSLOG for the "S__3710" companion message which will detail the command in error and it's approximate start time. Either correct the command in error or increase the TSOMAXCM-DRUNTIME value.

SWS3710I CMD TEXT = var1 ,START TIME = var2

Explanation: This is the companion message to "S__3709". It details the command which was being processed by the canceled server and it's approximate start time.

Action: Either correct the command in error or increase the TSOMAX-CMDRUNTIME specification.

The variable fields of the message text are:

var1	Partial text of command in progress
var2	Start time of this command

SWS3711I IDLE SERVER TERMINATED DUE TO TSOMINSERVERS OR TSOSRVDORMANT TIMEOUT

Explanation: Shadow detected that the current number of servers is greater than the user specified TSOMAXSERVERS parameter, but not greater than the user specified TSOMAXSERVERS value and that the server has been idle longer than the user specified TSODORMANTTIM-EOUT value. Shadow terminated the server in question as it was currently idle.

Action: No action required

SWS3712W TSOMAXSERVERS VALUE (var1) INVALID. SET TO TSOMINSERVERS (var2).

Explanation: Shadow. server processing has detected that the TSO-MAX SERVERS value has been set to a value that is lower than the TSOMINSERVERS value. This is invalid, the maximum number of servers can never be lower than the minimum number of servers. The MAX value is changed to the MIN values.

Action: If the incorrect values are set via the startup exec or any other program then correct them. You may also adjust the TSOMINSERVERS and TSOMAXSERVERS values using the ISPF parameter display.

The variable fields of the message text are:

var1	Current (invalid) value of TSOMAXSERVERS
var2	Current TSOMINSERVERS value

SWS3713I TSO/SRV SERVER ADDED DUE TO EXCESSIVE QUEUE DEPTH (var1)

Explanation: The number of requests on the TSO/SRV server execute queue currently exceeds the threshold set by the user specified TSOSRV-QUEUEADDDEPTH. The number of servers is being increased by one since the number of servers is still below the maximum number of servers limit as specified by the TSOMAXSERVERS value.

Action: No action required

The variable fields of the message text are:

var1	Current TSO/SRV execute queue depth

SWS3714H TSO/SRV TERMINATED SERVER jb,ASID=asid

Explanation: Shadow has terminated a TSO server address space. the server has been terminated because the current number of servers exceeds the TSOMAXSERVERS limit or because the current number of servers exceeds the TSOMINSERVERS value and the current server has been idle more than TSOSRVDORMANTTIMEOUT seconds. This message may also occur when a control command requested server termination. The server address space may not terminate immediately if it is currently running a transaction. If the server does not terminate voluntarily within a limited time period the server will be cancelled by Shadow.

Action: This message is for information purposes only.

The variable fields of the message text are:

jb	Jobname
asid	ASID of the TSI server address space

SWS3715H TSO/SRV SUBTASK ABEND abcd IN func mod+off

Explanation: Shadow TSO/SRV execute queue processing function detected an abend. The message text contains the abend code, current operation, and abend location.

Action: Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate.

The variable fields of the message text are:

abcd	Abend code
func	Current function
mod	Module name
off	Module offset

SWS3716O CANCELLED TSO SERVER jb stepname (ASID=asid), HAS NOT TERMINATED

Explanation: Shadow has issued a CANCEL command to terminate an TSO server. More than 1 minute has elapsed since the CANCEL command was issued but the server address space has not terminated.

Action: First attempt another CANCEL command using the STEP NAME from the message. If this does not cause the server to terminate use the MVS "FORCE" command or attempt to "KILL" the server address space using any other means at your disposal.

The variable fields of the message text are:

jb	Jobname
stepname	Step name
asid	ASID of the TSO server address space

SWS3717H TSO SERVER EXECUTE QUEUE RESET

Explanation: An control command has caused the TSO/SRV execute Queue to be cleared. All pending TSO transactions have been discarded.

Action: None. This message is for informational purposes only.

SWS3718E TSO ADDRESS SPACE CREATION FAILED, RC = rc, REASON CODE = rec

Explanation: A failure occurred in the service routine that schedules an address space create. The TSO address space will not be created. The return and reason codes in the message are from the MVS ASCRE service routine.

Action: Check the return code in the message. If the return code is 52 or higher this is most likely a system related problem and you should report this to your system programming staff.

The variable fields of the message text are:

rc	Return Code
rec	Reason Code

SWS3720T TSO EXECUTE QUEUE ADD; QD=VAR1, CMD=CMD

Explanation: This message is actually issued by the "ADDRESS TSO | CGI" processor when the debug flag is set on. It indicates that a command is being sent to the Shadow server queue. Note that queue depth is displayed prior to the addition of the current command.

Action: None. This message is used for debugging and analysis purposes only.

The variable fields of the message text are:

VAR1   Current TSO execute queue depth
CMD   Partial text of command sent to server

SWS3721T TSO COMMAND DISPATCH; QD=VAR1, ASID=ASID, QTIME=SSS, CMD=CMD

Explanation: This message indicates that a command has been removed from the TSO execute queue and is been sent to a Shadow TSO server address space. This message is only issued when debug is set on.

Action: None. This message is used for debugging and analysis purposes only.

The variable fields of the message text are:

VAR1   Current TSO execute queue depth
ASID   Address space identifier of server
SSS   Time spent on TSO execute queue (100th sec)
CMD   Partial text of command sent to server

SWS3722T TSO COMMAND RECEIVED; ASID=ASID, ETIME=SSS, CMD=CMD

Explanation: This message indicates that a server has received a command. The delay between the time the "TSO command dispatch" message is issued and the time this message is issued is due to operating system scheduling factors. This message is only issued when debug is set on.

Action: None. This message is used for debugging and analysis purposes only.

The variable fields of the message text are:

ASID	Address space identifier of server
SSS	Time since command sent to server (100th sec)
CMD	Partial text of command sent to server

SWS3723T TSO COMMAND COMPLETE; ASID=ASID, ETIME=SSS, CPU=VAR3, I/O=IO, CMD=CMD

Explanation: This message indicates that a server has completed execution of a command. This message is only issued when debug is set on.

Action: None. This message is used for debugging and analysis purposes only.

The variable fields of the message text are:

ASID	Address space identifier of server
SSS	Time since command sent to server (seconds)
VAR3	Command CPU time in hex (microseconds)
IO	Number of I/Os performed by the command
CMD	Partial text of command sent to server

SWS3724H PGM (USERID) SENT TSO CMD CMD

Explanation: This message indicates that a server has received a command. The program or ruleset.rulename indicates where the command originated.

Action: None. This message is used for debugging and analysis purposes only.

The variable fields of the message text are:

PGM	Program name or ruleset.rulename
USERID	Run-time userid for command execution
CMD	Partial text of command sent to server

SWS3725T TSO EXECUTE PROCESSOR POSTED BY VAR1

Explanation: This message indicates that the TSO execute processor has received a signal from another component.

Action: None. This message is used for debugging and analysis purposes only.

The variable fields of the message text are:

VAR1	Component description

SWS3729T MSG VAR2 VAR3

Explanation: This message is for TSO trace purposes only.

Action: None. This message is used for debugging and analysis purposes only.

The variable fields of the message text are:

MSG	Message or message text
VAR2	None
VAR3	None

SWS3750H SEF var1 var2

Explanation: This message indicates that the Shadow execute proces-
sor has terminated.

Action: This message is for informational purposes only unless it indi-
cates that the SEF comand queue has not been allocated. In that case you
should check for any other messages that appeared on the console during
Shadow initialization that may assist you in resolving this problem. if
you are unable to resolve the problem call Shadow technical support for
further assistance.

The variable fields of the message text are:

var1	None
var2	None

SWS3751I SEF service OF desc FAILED, RC=rc

Explanation: This is a generic error message used to describe a wide
variety of global variable initialization and termination errors. The mes-
sage text provides the current operation and what the current operation
was trying to do.

Action: Check the error messages and the return code associated with
this problem. There may be one or more error messages referring to the
current problem. If possible, fix the problem identified by the error mes-
sages and restart the product. If the problem cannot be resolved contact
NEON Systems technical support to obtain additional assistance.

The variable fields of the message text are:

service	Current operation, GETMAIN, FREEMAIN, attach etc.
desc	Description
rc	Return code

SWS3752W SEF API INIITIALIZATION FAILED DUE TO var1 var2 var3

Explanation: During SEF initialization an error was detected while creating API interface linkages. The message describes the error encountered.

Action: Check the error messages and the return code associated with this problem. There may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems technical support to obtain additional assistance.

The variable fields of the message text are:

var1	Initialization step description
var2	variable information
var3	variable information

SWS3753W ABEND var1 AT var2+var3, SEF COMMAND 'var4' ABORTED

Explanation: Shadow detected this error

Action: Call Shadow technical support for assistance on this

The variable fields of the message text are:

var1	None
var2	None
var3	None
var4	None

SWS3754I SEF COMMAND SYNTAX ERROR: "var1"

Explanation: The SEF execution processor detected found a command with invalid syntax for the "ADDRESS SEF" environment. the syntax error should normally have been detected at rule enabled or program compile time.

Action: Modify the rule or program that issued the command to use a valid "ADDRESS SEF" command.

The variable fields of the message text are:

var1   The invalid SEF command

SWS3755E var1 OF PRECOMPILED DATASET (var2) FAILED RC=var3

Explanation: The SEF execution processor detected a request to allocate/ deallocate a compiled rules library and it failed. Check error messages preceding these failure for more allocation error data.

Action: Check any allocation error messages that preceeded this message for more diagnostic information. After fixing the problem reset the parameters 'SEFPRECOMPILED' and 'SEFPRECOMPILEDDSN'.

The variable fields of the message text are:

var1   allocation or deallocation
var2   failed dataset name
var3   failed allocation return code

SWS3756I SEF PRECOMPILED RULES ACTIVE

Explanation: SEF has activated the Compiled Rules facility. This facility is activated by the setting of the parameters: 'SEFPRECOMPILED' to ON; and 'SEFPRECOMPILEDDSN' to a valid compiled rule library.

Action: Informational only

SWS3780I func OF desc FAILED, RC=rc

Explanation: A failure occurred in the service routine that sets the wait timer interval for the next trace checkpoint. This message should be preceded by a message containing the return code from the MVS STIMERM service.

Action: Call NEON Systems technical support for assistance on this.

The variable fields of the message text are:

func	current function (set)
desc	description (browse timer)
rc	return code (set by product service routine)

SWS3781S ABEND abcd OCCURRED AT mod+off - desc

Explanation: An ABEND occurred during trace checkpoint processing. The location of the ABEND is shown in the ABEND error message. All trace checkpoint processing will be suspended until the main product address space is restarted. Note, that the main product address space will start to accumulate non-VIO ASM slots as if no DIV data set had ever been allocated. The gradual accumulation of ASM slots by the main product address space could eventually cause an ASM slot shortage.

Action: Check the error messages and the ABEND code associated with this problem. There may be one or more additional error messages or ABENDs referring to the current trace checkpoint processing problem. Check for OPEN errors, such as security product related ABENDs. Also check for storage allocation errors or ABENDs. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems to obtain additional assistance.

The variable fields of the message text are:

abcd	ABEND code
mod	module name
off	module offset
desc	description

SWS3782S VAR1 VAR2 VAR3 FAILED RC=VAR4 VAR5

Explanation: A problem was encountered while opening or refreshing a product dataset. The message indicates the cause of the failure.

Action: Check the error messages associated with this problem. There may be one or more additional error messages or ABENDs referring to the current processing problem. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems to obtain additional assistance.

The variable fields of the message text are:

VAR1	File description
VAR2	File DDName
VAR3	Failure encountered
VAR4	Return code
VAR5	Additional description of error

SWS3783S VAR1 VAR2 PROCESSING ABENDED CODE=VAR3 REASON=VAR4

Explanation: A problem was encountered while opening or refreshing a product dataset. The message indicates the abend code associated with the processing function.

Action: Check the error messages associated with this problem. There may be one or more additional error messages or ABENDs referring to the current processing problem. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems to obtain additional assistance.

The variable fields of the message text are:

VAR1	File description
VAR2	File DDName
VAR3	Abend code
VAR4	Abend reason code

SWS3790I func OF desc FAILED, RC=rc

Explanation: A failure occurred in the service routine that sets the wait timer interval for the next global variable checkpoint. this message should be preceded by a message containing the return code from the MVS STIMERM service.

Action: Call NEON Systems technical support for assistance.

The variable fields of the message text are:

func	Current function (SET)
desc	Desc (global variables checkpoint timer)
rc	Return code (set by Shadow service routine)

SWS3791E func FOR CREATING GLOBAL VARIABLE BACKUP, RC = rc, REASON CODE = rec

Explanation: A failure occurred in the service routine that schedules an address space create. The Global Variable backup will not execute. The return and reason codes in the message are from the MVS ASCRE service routine.

Action: Check the return code in the message. If the return code is 52 or higher this is most likely a system related problem and you should report this to your system programming staff. If the problem cannot be resolved call NEON Systems technical support for assistance.

The variable fields of the message text are:

func	Current function (ASCRE)
rc	Return Code
rec	Reason Code

SWS3792I GLOBAL VARIABLE BACKUP ADDRESS SPACE proc HAS BEEN CREATED

Explanation: Informational message only. When Shadow create the Global variable backup address space.

Action: None.

The variable fields of the message text are:

proc	Procname

SWS3849T SEF var1 OPERATIONAL MODE DOES NOT SUPPORT THE var2 FUNCTION

Explanation: Shadow SEF rule manager received a command which it does not support when operating in the indicated operational mode.

Action: Correct the command and re-issue.

The variable fields of the message text are:

var1	Version in which SEF is operating
var2	Unsupported command function.

SWS3850E INTERNAL var1 ERROR DETECTED BY var2: CALLER(var3) RTADDR(var4) - var5 var6 var7

Explanation: An error occurred while an an internal API routine was executing. This message reports some inconsistency or a possible logic error.

Action: The API rejects the current request and continues. Check for other messages which may indicate the precipitating cause.

The variable fields of the message text are:

var1	API routine name or description
var2	Routine where error detected
var3	Calling CSECT name
var4	Return address to calling routine
var5	variable information
var6	variable information
var7	variable information

SWS3889I SEF var1 OPERATIONAL MODE DOES NOT SUPPORT THE var2 FUNCTION

Explanation: Shadow SEF rule manager received a command which it does not support when operating in the indicated operational mode.

Action: Correct the command and re-issue.

The variable fields of the message text are:

var1	Version in which SEF is operating
var2	Unsupported command function.

SWS3890I var1

Explanation: Shadow SEF rule manager uses this message to list for-matted control block output messages.

Action: These mesasges contain the formatted control block image.

The variable fields of the message text are:

var1   Formatted control block output line data

SWS3891I var1

Explanation: Shadow SEF rule manager issued the current message to list ruleset information to the output area. This message id is only used when SEF is operating in V4+ configurations. For V3 SEF compatibility mode, message 3906 is used instead.

Action: The current message is statistical and lists the rulesets in output area. No response is required to this message. Check rule output listing and make choices accordingly.

The variable fields of the message text are:

var1   Message output line

SWS3892I INDEX COMMAND OPERAND (var1) IS NOT VALID - NO ACTION TAKEN

Explanation: This message is generated if an invalid INDEX command is passed to the ADDRESS SEF host command environment.

Action: No action is taken and the command is not further processed.

The variable fields of the message text are:

var1   Operand of INDEX command

SWS3893E SEF HAS DETECTED INVALID RULETYPE() SPECIFICA-TION FOR RULESET var1

Explanation: This message is generated if while opening a ruleset SEF detects that the ruleset's definition contains an invalid RULETYPE() specification.

Action: The ruleset is considered to be offline and is not opened. Check for causes which might explain the invalid RULETYPE() designation for the ruleset named in the message.

The variable fields of the message text are:

var1   Ruleset NAME() value

SWS3894I SEF IS USING VERSION 03.01.01 COMPATIBLE CONFIG-URATION PARAMETERS

Explanation: This message is traced during product initialization if SEF has been started in V3.1.1 downward compatibility mode. When started in this mode, SEF uses V3.1.1 configuration parameters to locate and process rulesets. Specifically, the following parameters are used to locate and process SEF rulesets: EPROPREFIX, EPROSUFFIX, TYPEPROSET, AUTHEPROSET, WWWEPROSET and EPROSUB-SYS. You can turn off V3 compatibility mode by setting the SEFV3COMPATIBLE start-up parameter to "NO". When operating in V4+ mode, rulesets must be defined via the S____IN00 parameterization procedure using DEFINE RULESET statements. If V4+ mode, the parameters listed above are NOT used.

Action: Consider upgrading to use V4+ SEF configuration parameters, when possible. Although at the present time only minor configuration and instrumentation differences exist between V3 and V4+ operation modes, new features may require V4+ instrumentation.

SWS3895I var1

Explanation: This message is issued in response to an SEF 'INDEX URL' command. It is the first message returned for each active rule. The data items returned, blank delimited, in this message are: The ruleset name, the rule member name, master/subord, gateway/target, count of rule process sections, and the url match criterion.

Action: None

The variable fields of the message text are:

var1   Blank-delimited information described above

SWS3896E RULESET OFFLINE var1 var2 var3 var4

Explanation: An SEF request was made which required that a ruleset be opened for processing, but the ruleset is currently stopped or offline.

Action: Take action to place the ruleset online and reissue the request.

The variable fields of the message text are:

var1   ruleset name
var2   ruleset DS name
var3   Rule types in this ruleset
var4   Reason why ruleset is offline

SWS3897E RULESET var1 IS NOT DEFINED

Explanation: An SEF request was made which required that a ruleset be opened for processing. The ruleset is not defined to the system.

Action: Check the list of defined rulesets to determine if the ruleset was not properly defined, or specify the correct ruleset name.

The variable fields of the message text are:

var1   ruleset name

SWS3898W RULESET var1 AND var2 ARE BOTH DEFINED AS MASTER WWW RULESETS - RULESET var3 FLAGGED WITH STA-TUS(OFFLINE)

Explanation: When the SEF rule manager attempted to process the list of rulesets defined to the system, it found that more than one master WWW ruleset had been defined. Only one ruleset can be defined with RULETYPE(WWW) WWWCLASS(MASTER) attributes.

Action: The second ruleset defined as a master WWW ruleset will not be processed. It is flagged with STATUS(OFFLINE) and stopped such that no processing of the dataset will occur until the RULESET defintiion has been changed.

The variable fields of the message text are:

var1	First WWW master ruleset name
var2	Second of subsequent master WWW ruleset
var3	Ruleset forced to STATUS(OFFLINE) state

SWS3899W NO SEF RULESETS HAVE BEEN DEFINED

Explanation: When the SEF rule manager attempted to process the list of rulesets defined to the system, it found that no valid rulesets had been defined.

Action: The current message is a rule status report message and may not require any response. If rulesets should be defined check your start-up procedure for errors which might have occurred while processing DEFINE RULESET statements.

SWS3900T RULE var1.var2 FOR var3 var4 var5

Explanation: Shadow SEF rule manager issued the current informational message to report the status of the current rule. Ruleset rulename now enabled.

Action: The current message is a rule status report message and does not require any response.

The variable fields of the message text are:

var1	Rule set name
var2	Rule name
var3	Rule type description string
var4	Primary criterion
var5	Status

SWS3901E var1 OF var2 FAILED, RC=var3

Explanation: The most likely, although not the only possible problem is that the SEF rule manager attempted and failed to allocate the catalog work area (below the line storage) during SEF processing. The GET-MAIN failed with the above return code.

Action: Check why the GETMAIN failed. Make sure the current storage is available and not limited by any Shadow storage limit parms (privlimit or other) or any exits in the system which limit allocation of the given storage. If this is a TSO session, make sure logon size is large enough. Correct the above problems and restart. for other services that failed, check the dataset it failed on and correct the error.

The variable fields of the message text are:

var1	Service name
var2	Service operand
var3	Service return code

SWS3902E var1 var2 SECTION IN RULE var3

Explanation: Shadow SEF rule manager did not find a matching section header table entry. The processing of the current rule is terminated.

Action: Make sure the rule sections are properly coded and valid. Review the rule for obvious coding errors. Refer to the Shadow Reference for more details on rule coding. Correct the above problem and restart.

The variable fields of the message text are:

var1	None
var2	None
var3	None

SWS3903E INVALID CRITERION "var1" IN var2 RULE var3

Explanation: Shadow SEF rule manager detected an invalid criterion when processing the current rule. Only a single wild card is allowed in the rule criterion. Rule processing terminated.

Action: Check the error message text for the criterion field and make sure the criterion is limited to one match criteria or one wild card. Refer to the Shadow Reference for more details on the firing of rules and the valid criteria.

The variable fields of the message text are:

var1	Criterion specification
var2	Rule type description
var3	Ruleset rulename

SWS3905W NO SEF RULE SETS FOR var1var2var3var4var5 IN SYSTEM CATALOG

Explanation: Shadow SEF rule manager could not find the listed ruleset dataset name in the catalog. Ruleset search terminated.

Action: Check the ruleprefix, suffix, and middle qualifier names in in the Shadow input parm member. make sure these rule datasets are catalogued and accessible to Shadow. Try browsing the datasets from ISPF. that they are there.

The variable fields of the message text are:

var1	Ruleset prefix
var2	Ruledsn qualifier
var3	Asterisk qualifier
var4	Ruledsn qualifier
var5	Rule suffix

SWS3906I var1

Explanation: Shadow SEF rule manager issued the current message to list the rule dataset index (prefix/suffix) to the output area. This message id is only used when SEF is operating in V3 compatibility mode. For V4+ SEF configuration, the 3891 message is used instead.

Action: The current message is statistical and lists the rulesets in output area. No response is required to this message. Check rule output listing and make choices accordingly.

The variable fields of the message text are:

var1	Message output line

SWS3907I SEF IS NOT ACTIVE

Explanation: Shadow SEF rule manager has detected that SEF is not active.

Action: Check that Shadow is started and SEF is active. Else contact your local Shadow systems programming group for help.

SWS3908I INVALID SEF REQUEST TYPE "var1" var2 var3

Explanation: Shadow SEF rule manager detected an invalid SEF rule request type during rule request processing. The current request is terminated.

Action: Check the current request for any errors. Check the request type in the error message text against the rule sections in the Shadow Reference for any inconsistencies. Review the problem and take corrective action.

The variable fields of the message text are:

var1	Request type
var2	Ruleset name
var3	Rule name

SWS3909I RULE var1.var2 IS NOT ENABLED

Explanation: An attempt to disable a rule failed because the rule is not currently enabled.

Action: No action required.

The variable fields of the message text are:

var1	Ruleset name
var2	Rule name

SWS3910I NO RULES ENABLED IN RULE SET var1

Explanation: Shadow SEF rule manager issued current informational or status report message. No ruleset enabled in ruleset or no rules were found in ruleset.

Action: No action required.

The variable fields of the message text are:

var1	Ruleset name

SWS3911I RULE var1 var2

Explanation: Shadow SEF rule manager did not find the member name that contains the current rule. Rule request aborted.

Action: Make sure the rule as in the rule name field of the error message exists or create one before invoking it.

The variable fields of the message text are:

var1	Ruleset.rulename string
var2	Not found

SWS3912E NO ISPF STATISTICS FOUND FOR RULE var1

Explanation: Shadow SEF rule manager found no ISPF statistics for rule.

Action: Make sure statistics exist for the rule in the PDS directory. Check that ISPF statistics is turned on.

The variable fields of the message text are:

var1	Rule name string

SWS3913E var1 CRITERION SYNTAX ERROR "line" IN RULE rule-name

Explanation: A syntax error was detected in a rule while attemtping to enable it. The screen or time criteria are syntactically incorrect.

Action: Check the reference manual for the correct syntax. Correct the rule and re-enable it.

The variable fields of the message text are:

var1	Time or screen
line	Line of rule in error.
rulename	Name of the ruleset.rule in error.

SWS3914E INCONSISTENT var1 CRITERION "line" IN RULE rule-name

Explanation: A time or screen criterion was syntactically correct but inconsistent. A starting time greater than an ending time or a row range whose first row value larger than the second may cause this error message.

Action: Correct the inconsistent criterion and re-enable the rule.

The variable fields of the message text are:

var1	Time or screen
line	Line of rule in error.
rulename	Name of the ruleset.rule in error.

SWS3915E MAXIMUM OF max var2 CRITERIA EXEEDED IN RULE rulename

Explanation: Too many screen or time criteria were specified in the header section of a rule

Action: Reduce the number of time or screen criteria in the rule and re-enable the rule.

The variable fields of the message text are:

max	Maximum number of criteria allowed
var2	Time or screen
rulename	Name of the ruleset.rule in error.

SWS3916I TOD RULE var1.var2 HAS BEEN DISABLED - ALL TIME CRITERIA HAVE EXPIRED

Explanation: Shadow SEF rule manager disabled the current rule (TOD) after all time criteria expired. This may or may not be an error.

Action: The current TOD rule time criterion is not valid beyond the the last fire time. If rule was intended to go beyond the last fire time, make sure the next TOD rule is created with the required start/stop/interval or time criteria desired.

The variable fields of the message text are:

var1	Ruleset name
var2	Rule name

SWS3917E CATALOG WORKAREA TOO SMALL FOR PREFIX var1

Explanation: The high level qualifier has more than 2500 datasets cataloged to it.

Action: Contact NEON Systems technical support services. For assistance in increasing the size of the Shadow catalog work area.

The variable fields of the message text are:

var1	Ruleset prefix

SWS3918E ERROR 43 var1 var2, LINE var3: ROUTINE var4 NOT FOUND

Explanation: Shadow SEF rule message did not find the current routine.

Action: Review the current rule code for the correct invocation and coding of a routine name. Refer to the Shadow Reference for calls to routines. Correct problem and restart.

The variable fields of the message text are:

var1	Type of compiler request
var2	Calling program name
var3	Calling program line number
var4	Called routine name

SWS3919E NO VALID RULE HEADER FOUND IN RULE var1 - var2

Explanation: Shadow SEF rule manager did not find a valid rule header in the current rule.

Action: Review the current rule code for a valid rule header. Check coding for correct header, refer to the Shadow Reference for rule header coding. Correct problem and restart.

The variable fields of the message text are:

var1	Rule name string
var2	Reason error was noted

SWS3920W FOLLOWING LINE(S) IGNORED IN RULE var1:

Explanation: Shadow SEF rule manager found a line that was skipped and will ignore the following lines.

Action: Review the current rule code and eliminate any blank lines. correct the rule and restart.

The variable fields of the message text are:

var1	Rule name string

SWS3921W RULE var1 CONTAINS NO EXECUTABLE SECTIONS

Explanation: Shadow SEF rule manager found no executable sections in the current rule.

Action: Review the current rule code to make sure it is executable code (e.g. RETURN SUPPRESS in PROC section if this is a message rule). without any executable sections, the current rule cannot be processed by the SEF manager.

The variable fields of the message text are:

var1	Rule name string

SWS3922I MATCH TABLE LIST - d1 t2

Explanation: Shadow SEF rule manager issued this message to list the match table (message parameter list).

Action: The current message is informational. No response required.

SWS3923I MATCH TABLE AT var1 PFX=var2 SFX=var3 LEN=var4 PRI=var5 ROOT AT var6

Explanation: Shadow SEF rule manager issued this message to list the match table at the address shown in the message text.

Action: The current message is informational. No response required.

The variable fields of the message text are:

var1	Match table address
var2	Match table prefix length
var3	Match table suffix length
var4	Match table length with wild card
var5	Match table internal priority code
var6	Root of match table tree

SWS3924I MATCH TABLE LIST EMPTY

Explanation: Shadow SEF rule manager issued this message to list a match table entry that is empty.

Action: The current message is informational. No response required.

SWS3925I var1 var2 var3 NODE LVL=var4 ADR=var5 LO=var6 HI=var7 AORL=var8 LEN=var9

Explanation: This message is for debugging purposes only.

Action: None.

The variable fields of the message text are:

var1	Sequential order
var2	ruleset.rule
var3	criterion
var4	Node nesting level
var5	Address current OPTI
var6	Low subtree address
var7	High subtree address
var8	Address current AORL
var9	AORL Length

SWS3926I SECTION var1 INVALID var2 ON LINE var3

Explanation: The SEF facility found an invalid section header within the rule, which could not be enabled.

Action: Correct the event procedure and re-enable

The variable fields of the message text are:

var1	Section name or name fragement
var2	reason error condition generated
var3	line number on which invalid section header appears.

SWS3927I NO MATCH FOR var1

Explanation: The Shadow rule manager did not find a match for this rule.

Action: This message is infomational.

The variable fields of the message text are:

var1	Rule name string

SWS3928E RULESET var1 'var2' IS var3

Explanation: Shadow SEF rule manager checked the ruleset prefix string and found it to be blank.

Action: See that the ruleset prefix string is not blank. refer to the Shadow Reference for setting rules datasets and related prefixes. Correct the above problem and restart.

The variable fields of the message text are:

var1	Current ruleset section
var2	Ruleset prefix string
var3	Error message text

SWS3929E MAXIMUM var1 COUNT (var2) EXCEEDED

Explanation: Shadow SEF rule manager checked the high level qualifier count and found the current ruleset to exceed it.

Action: Make sure the current rulesets high-level qualifier meets the count as detailed in the appropriate Shadow documentation. Refer to the Shadow Reference for details on setting up rulesets and applicable rules.

The variable fields of the message text are:

var1	Error message text
var2	Qualifier count value

SWS3930E RULESET var1 'var2' var3 var4

Explanation: Shadow SEF rule manager detected that the current ruleset high-level qualifier is a duplicate of another high-level qualifier.

Action: The current ruleset naming convention is incorrect. Make sure the ruleset definition complies with the standard code for Shadow rulesets. Refer to the Shadow Installation Guide for more details.

The variable fields of the message text are:

var1	Current ruleset section
var2	Ruleset alternate prefix string
var3	Error message string
var4	Error message string

SWS3931E var1 var2 IS TOO LARGE - INPUT BUFFER OVERFLOW

Explanation: Shadow SEF rule manager detected an input buffer overflow. The program is too large to be loaded in the current buffer.

Action: Check the current program for input size and if possible correct that. Contact your local Shadow systems programming group for help.

The variable fields of the message text are:

var1	Current input source (program)
var2	Program DSNAME(member)

SWS3932E var1 OF var2 FAILED, RC=rc

Explanation: Shadow SEF rule manager could not setup the Shadow/ REXX external routine table, the GETMAIN failed.

Action: Check why the GETMAIN of the required storage to create the above table failed. Check any MVS messages for their return codes. See if no exits limit acquiring of the given storage by any ASID. Review the current error text and correct problem.

The variable fields of the message text are:

var1	Service name
var2	External routine table
rc	Return code

SWS3933E ABEND IN CELL POOL PROCESSING DURING VAR1

Explanation: An abend occurred during cell pool processing initiated by the SEF Rule Manager.

Action: If the error occurred during a 'GET', check the Shadow region size else report the error to NEON Systems, Inc. Client Services for assistance with this problem.

The variable fields of the message text are:

VAR1	error function

SWS3934E var1 BE STORED IN RULESET var2 - ERROR FOUND FOR var3

Explanation: Shadow SEF rule manager found the current rule header not applicable for storage in the current ruleset.

Action: Security rules can only be stored in the security ruleset (if security rule are found). Also, non-security rules cannot be stored in the security ruleset. Make sure current rule is stored in the appropriate ruleset environment.

The variable fields of the message text are:

var1	Error message text
var2	Ruleset name string
var3	Ruleset.Rule being processed

SWS3935E CANNOT OPEN var1 (ABEND abcd AT mod+off)

Explanation: During the open processing of the compiled rule library an abend occurred.

Action: Ensure that the given library is a PDS similar by definition to the other Shadow supplied pre-compiled libraies. Check IBM message and codes manuals for the abend code. Most likely the member does not exist or the data set attributes are in error (sequential DSORG, or the LRECL and BLKSIZE are not compatible). If a system 913 abend code is reported, dataset access has been disallowed by your security subsystem.

The variable fields of the message text are:

var1	DDNAME
abcd	Abend code
mod	Module name
off	Module offset

SWS3936E var1 FAILED FOR var2 - var3 OF var4 FAILED

Explanation: The compile or LISTCOMP or DELCOMP SEF command failed

Action: Ensure that the given library is properly allocated. Ensure that the given library is a PDS similar by definition to the other Shadow supplied pre-compiled libraies. Check IBM message and codes manuals for the abend code. Most likely the member does not exist or the data set attributes are in error (sequential DSORG, or the LRECL and BLKSIZE are not compatible). If a system 913 abend code is reported, dataset access has been disallowed by your security subsystem.

The variable fields of the message text are:

var1	SEF command type
var2	Ruleset.rule name
var3	Service that failed
var4	DDNAME of the dataset

SWS3937E LISTCOMP FOR RULESET var1 FAILED - NO RULES FOUND

Explanation: The LISTCOMP command for an individual ruleset failed. No saved compile rule was found in the compiled rule library.

Action: Ensure that the given ruleset for the LISTCOMP command is the valid one and re-issue the command.

The variable fields of the message text are:

var1	Ruleset name

SWS3938E DDNAME - var1 IS CURRENTLY NOT ALLOCATED

Explanation: The compile or LISTCOMP or DELCOMP SEF command failed

Action: Ensure that a proper PDS was allocated to the 'SEFTEST' DDNAME if you are under SEF edit. Or; the DDNAME 'SWSEXEC' or 'SWSEXEC' must be allocated to the Shadow STC JCL before attempting the command again.

The variable fields of the message text are:

var1   DDNAME found missing

SWS3939E SEF COMPILE PROCESSING OF var1 FAILED

Explanation: The compile or LISTCOMP or DELCOMP SEF command failed

Action: This message should have been accompanied by other messages.

The variable fields of the message text are:

var1   Rule or ruleset name

SWS3940E AUTOENABLED FAILED - var1 IS A REXX EXTERNAL ROUTINE

Explanation: An autoenable command was issued for a member of a ruleset which is actually an Shadow/REXX external routine.

Action: Verify your command and re-issue if possible.

The variable fields of the message text are:

var1   Rule or ruleset name

SWS3941W SOURCE OF var1 MODIFIED SINCE LAST COMPILE - SEF WILL USE SOURCE

Explanation: SEF had detected a compiled verion of the current rule exist But, it detected that the source version of the rule had been modified since the last time the rule was compiled. SEF will use the source version of the rule for this enablement.

Action: You may want to re-compile the rule or AUTOENABLE it which also automatically saves the compiled verion of a rule.

The variable fields of the message text are:

var1   Rule name

SWS3942I NO rule RULES ENABLED IN RULESET var1

Explanation: Shadow SEF command LISTINST RULETYPE() informational or status report message. No rules of the type specified are enabled in the ruleset.

Action: No action required.

The variable fields of the message text are:

rule   Rule type
var1   Ruleset name

SWS3943I THERE ARE NO RULES CURRENTLY ENABLED

Explanation: Shadow SEF command LISTINST was unable to return rule or ruleset statistics because there are no enabled rules.

Action: None. This message is for information purposes only.

SWS3944I var1

Explanation: Shadow SEF command LISTINST ruleset.rulename produces one line for each enabled rule in the ruleset.

Action: The current message is for information purposes only, and lists information about the enabled rule in the output area. No response is required to this message.

The variable fields of the message text are:

var1   Enabled rule information

SWS3945I var1

Explanation: Shadow SEF command LISTINST ruleset name but no rule names produces one line for each enabled ruleset.

Action: The current message is for information purposes only, and lists information about the enabled ruleset in the output area. No response is required to this message.

The variable fields of the message text are:

var1   Enabled ruleset information.

SWS3946I TYP PROCEDURE (var1 var2) SET INVALID var3 VALUE OF "var4"

Explanation: During initialization processing of a TYP event procedure the REXX routine set an invalid parameter value.

Action: The current message is for information purposes only, and lists information about the enable attempt. The TYP rule will not be enabled.

The variable fields of the message text are:

var1   Event procedure set name
var2   Event procedure member name
var3   Parameter name
var4   Value which was invalid

SWS3947I TYP EXECUTION MODULE var1 NOT FOUND FOR var2 IN (var3 var4)

Explanation: During initialization processing of a TYP event procedure an invalid load module name was specified.

Action: The current message is for information purposes only, and lists information about the enable attempt. The TYP rule will not be enabled.

The variable fields of the message text are:

var1	Load module name which was not found
var2	REXX variable which specified the name
var3	Event Prcoedure Set Name
var4	Event procedure member name

SWS3948W TOO MANY SECTIONS FOUND IN RULE var1

Explanation: More than one process section was found in the rule. This restriction may be removed in future releases.

Action: Only a single process section may be coded within a WWW or RPC rule at the present time.

The variable fields of the message text are:

var1	Event procedure name where error found

SWS3949I var1 WWW RULE var2.var3 ALREADY DEFINES THE URL 'var4'

Explanation: A duplicate URL criterion value is specified on more than WWW rule at the same administrative level. Duplicate URL processing rules may only be activated when one of the pair resides within the Master WWW ruleset, and one resides in a subordinate ruleset. In such a case, the master rule is always processed before the subordinate rule, and the subordinate rule is only processed when the master rule is a header-only generic rule. If the master rule contains a procedural specification, such as a REXX, FILE, or PROGRAM section, the subordinate rule will never be processed.

Action: Disable the duplicate rule before activating the current rule, or change the URL criterion value in the current rule to a unique value.

The variable fields of the message text are:

var1	Ruleset type: MASTER or SUBORDINATE
var2	Ruleset where duplicate found
var3	Rule where duplicate found
var4	URL criterion value

SWS3950I var1

Explanation: Shadow SEF rule manager issued the current message to list the dataset statistics and status.

Action: The current message is statistical and lists the dataset information. No response is required to this message. Check PDS output listing and make choices accordingly.

The variable fields of the message text are:

var1	Message output line

SWS3951E DDNAME var1 NOT ALLOCATED

Explanation: Shadow SEF rule manager attempted to open a dataset for processing of /*FILE sections. The dataset could not be opened because the DD name is unassigned.

Action: Ensure that the DD Name specified in the message is allocated to a dataset in the subsystem started task JCL. Or, ensure that the correct DD name value has been specified within the /*FILE section header.

The variable fields of the message text are:

var1   DD Name of dataset

SWS3952E DDNAME var1 COULD NOT BE OPENED (var2)

Explanation: Shadow SEF rule manager attempted to open a dataset for processing of /*FILE sections. The dataset could not be opened.

Action: Ensure that the DD Name specified in the message is allocated to a dataset in the subsystem started task JCL. Or, ensure that the correct DD name value has been specified within the /*FILE section header.

The variable fields of the message text are:

var1   DD Name of dataset
var2   If a numeric code, the File Processor routine return code; otherwise, a character reason for open failure.

SWS3953T var1

Explanation: The Web transaction invoked an ADDRESS SEF command for intermeidate processing. The ADDRESS SEF command failed. Messages issued by the ADDRESS SEF command are logged to the trace using this message id.

Action: Examine the messages to see why the original /*FILE request was rejected.

The variable fields of the message text are:

var1   Text of ADDRESS SEF message

SWS3954E MEMBER var1 NOT FOUND IN DATASET var2

Explanation: The indicate member was not found within the PDS dataset referenced. The file related process is terminated with a member-not-found error.

Action: Examine the messages to see why the original /*FILE request was rejected.

The variable fields of the message text are:

var1   member name
var2   DD name

SWS3955E MEMBER var1 NOT FOUND IN DATASET var2

Explanation: The indicate member was not found within the PDS dataset referenced. The file related process is terminated with a member-not-found error.

Action: Examine the messages to see why the original /*FILE request was rejected.

The variable fields of the message text are:

var1   member name
var2   DD name

SWS3956I FILE var1 NOW var2

Explanation: The indicated file has been placed online or offline as the message indicates.

Action: None. The message is traced to indicate /*FILE related activation or deactivation of a shared PDS file.

The variable fields of the message text are:

var1   DD Name
var2   Status - OFFLINE or ONLINE

SWS3957I var1

Explanation: Shadow SEF rule manager issued the current message to list the PDS member statistcs.

Action: The current message is statistical and lists the PDS dataset member information. No response is required to this message.

The variable fields of the message text are:

var1   Message output line

SWS3958E ABEND var1 (var2) IN var3+var4 DURING var5 PROCESSING, SOME FILES MAY NOT BE var6

Explanation: An abend occurred during file open or close processing at initialization or termination time. Some files may not have been processed.

Action: The initialization or termination process continues.

The variable fields of the message text are:

var1	Abend code
var2	Abend reason
var3	Module where abend occurred
var4	Offset of abend in module
var5	Operation being performed
var6	Status of files

SWS3959I var1 OF var2 SHARED DATA FILES NOW var3

Explanation: During initialization or termination, this message is issued to indicate the results of file processing.

Action: No action is required, unless at open time, some files are remain un-opened.

The variable fields of the message text are:

var1	Count of files now open or closed
var2	Total count of shared files
var3	Current status of files

SWS3960E DSNAME DSN COULD NOT BE ALLOCATED (var2)

Explanation: Shadow SEF rule manager attempted to allocate a dataset for processing of /*FILE sections. The dataset could not be opened.

Action: Ensure that the DSNAME specified in the message exists. Or, ensure that the correct DSNAME value has been specified within the /*FILE section header.

The variable fields of the message text are:

DSN   DSNAME of the dataset
var2   If a numeric code, the File Processor routine return code; otherwise, a character reason for open failure.

SWS3961I DSNAME DSN DDNAME DDN ALLOCATED

Explanation: The indicated DSNAME has been allocated to the indi-cated DDNAME.

Action: None. The message is traced to indicate /*FILE related alloca-tion.

The variable fields of the message text are:

DSN   DSNAME
DDN   DDNAME

SWS3962I DDNAME DDN DEALLOCATED

Explanation: The indicated DDNAME has been deallocated.

Action: None. The message is traced to indicate DDNAME deallocation.

The variable fields of the message text are:

DDN   DDNAME

SWS3963I GENERATED DDNAME COUNTER FIELD ROLLOVER OCCURRED

Explanation: The 8 byte counter field used to generate ddnames rolled over.

Action: None. The message is traced to indicate a rollover of the 8 byte counter field used to generate ddnames occurred.

SWS3964E MEMBER LIST NOT VALID FOR SEQUENTIAL DATASETS DDNAME DDN, DSNAME DSN

Explanation: The Member List function was issued for a sequential dataset. The Member List function is available only for partitioned datasets (PDS or PDSE).

Action: Issue Member List function only for PDS or PDSE datasets.

The variable fields of the message text are:

DDN	DDNAME of dataset
DSN	DSNAME of dataset

SWS3965T WARNING: OUT-BOUND RESP DATA PRECEDES THIS FILE REQUEST - HTTP RESP PROTOCOL ELEMENTS WILL BE UNUSUABLE BY CLIENT

Explanation: When SWSFILE(SEND) or /*FILE was invoked to transmit a file to the HTTP client, the Server found that output data had previously been flushed for transmision to the client. The server procedes with the file request after issuing this warning message. Since the Server's file routines generate HTTP response protocol headers such as Content-type, Content-Length, Expires, etc., any data preceding these headers will LIKELY cause some un-predictable result at the client. The data sent by the file routines may not be visible, interpreted incorrectly (i.e. the client may attempt to process HTML text as a GIF image), or the client may close the communications session.

Action: If the output which precedes the file request was generated by a customer-written transaction procedure, you can correct this condition by eliminating the preceding output, foregoing the use of /*FILE or SWSFILE(SEND) within the same transaction, or ensuring that no SWSSEND(FLUSH) operation occurs.

SWS3966T EXTERNAL DATA QUEUE FULL

Explanation: When an SWSFILE operation outputs its results to the external data queue (QUEUE and MBRLIST functions), this message is traced if the external data queue fills before all the information can be written.

Action: The current SWSFILE operation ends with return code 28. Increase the size of the external data queue by specifying the QUEUE-SIZE() override on the /*WWW header statement.

SWS3967I var1

Explanation: Shadow SEF rule manager issued the current message to list the dataset names concatenated to a single DDNAME.

Action: The current message is statistical and lists the dataset information. No response is required to this message. Check PDS output listing and make choices accordingly.

The variable fields of the message text are:

var1   Message output line

SWS3968I var1 failed. Return Code: var2

Explanation: Shadow SEF rule manager issued the message due to a failure in a system service.

Action: This problem is generated due to a file processing error. Correct the file and re-process your request.

The variable fields of the message text are:

var1   System Service that failed
var2   Return code from system service

SWS3969I Format of shared file block failed - invalid identifier 'var1'

Explanation: An invalid or unmatched identifier value was specified for an internal FMTSFILE command. Either the identifier was invalid or the corresponding shared file block no longer exists.

Action: The shared file block is not formatted and processing continues.

The variable fields of the message text are:

var1   Value of shared file block unique identifier

SWS3970E MATCH CRITERION MUST BEGIN WITH /var1 - %2.%3

Explanation: During event procedure enablement, a WWW rule was found to be invalid because it's match criterion does not begin with the specified string. All WWW event procedure match criteria must begin with the event procedure set name unless they are defined in the master procedure set.

Action: Correct the error and re-enable the event procedure.

The variable fields of the message text are:

var1   Name of event procedure set

SWS3971E /*WWW STMT - var1 - %2.%3

Explanation: During event procedure enablement, a WWW procedure header statement was not coded correct. The procedure is not enabled.

Action: Correct the error and re-enable the event procedure.

The variable fields of the message text are:

var1   Error text

SWS3972E /*WWW STMT - var1 MAY ONLY BE CODED WITHIN THE var2 RULESET - %3.%4

Explanation: During event procedure enablement, a WWW procedure header statement was not coded correctly. The indicated keyword may only be coded on header statements in the Master WWW ruleset. For V4+, the Master WWW ruleset must be designated as such by coding WWWCLASS(MASTER) on the DEFINE RULESET statement which defines the ruleset. For pre-V4 configuration, the Master WWW ruleset is designated by the WWWEPROSET start-up parameter.

Action: Correct the error and re-enable the event procedure.

The variable fields of the message text are:

var1	keyword which is not valid
var2	name or description of WWW master ruleset

SWS3973E /*REXX STMT - var1 - %2

Explanation: During event procedure enablement, a REXX section header statement was not coded correct. The procedure is not enabled.

Action: Correct the error and re-enable the event procedure.

The variable fields of the message text are:

var1	Error text

SWS3974T RUNAUTH USERID 'userid' - SETUP SUCCEEDED

Explanation: The RUNAUTH userid has been logged on to the system.

Action: No action is required. Processing continues.

The variable fields of the message text are:

userid	the runauth userid

SWS3975T RUNAUTH USERID 'userid' - USERID INVALID

Explanation: The RUNAUTH userid could not be logged on to the system because the userid was invalid.

Action: The session is not permitted to proceed. The Web transaction is rejected by rescanning to the SYSTERM/ERROR/500 URL indicating a server error (with reason code 27). Correct the WWW rule which specified the invalid RUNAUTH userid.

The variable fields of the message text are:

userid   the runauth userid

SWS3976E DPRTY OPERAND 'operand' - reason

Explanation: The DPRTY operand value was invalid for the reason specified in the message.

Action: The WWW rule is not enabled. Correct the WWW rule which specified the invalid DPRTY operand and re-enable it.

The variable fields of the message text are:

operand   Operand of the DPRTY keyword
reason   Reason why operand is invalid

SWS3977T WWW TASK DISPATCH PRIORITY CHANGED FROM VAR1 BY VAR2

Explanation: The dispatching priority of the WWW transaction subtask has been changed because a match to a /*WWW rule has been made which specified the DPRTY() keyword.

Action: The WWW subtask continues using the new priority value.

The variable fields of the message text are:

VAR1   Previous priority value
VAR2   Change made to priority value

SWS3978T VAR1 OVERRIDE FAILED IN VAR2 - RC=VAR3 AT ad

Explanation: A failure occurred while trying to override the REXX work space or external data queue size. The WORKSPACE or QUEUE-SIZE operand may be too large.

Action: The WWW subtask is re-routed to the system error recovery procesure and the transaction aborted.

The variable fields of the message text are:

VAR1	Override being processed
VAR2	Failure location
VAR3	Service return code

SWS3979E ATH LOGON RULE MUST EXIT WITH 'ACCEPT' IF ACEE IS CREATED FOR SUBTASK

Explanation: An ATH logon procedure has caused the TCBSENV pointer for the current subtask to be set to a non-zero value. If an ATH logon rule creates an ACEE block, it must also return with a code indicating that logon processing is complete. This prevents ACEE blocks from being inadvertantly orphaned or destroyed by intrinsic Server security processing.

Action: The entire logon request is rejected and the logon request process is aborted with an S0C3 abend.

SWS3980E RUNAUTH USERID (userid) LOGON FAILED var1 var2 var3 - var4

Explanation: The RUNAUTH userid specified by the WWWDE-FAULTRUNAUTH system parameter failed logon processing during start-up.

Action: The Web server initialization process is aborted. Check to ensure that the Userid specified by the WWWDEFAULTRUNAUTH start-up parameter is correct.

The variable fields of the message text are:

userid	the WWWDEFAULTRUNAUTH userid
var1	the security module return code
var2	the RACF (SAF) return code
var3	the RACF (SAF) reason code
var4	error message text from RACF (SAF)

SWS3981I DEFAULT RUNAUTH USERID userid LOGGED ONTO SYSTEM

Explanation: The RUNAUTH userid specified by the WWWDE-FAULTRUNAUTH system parameter has been logged on to the system.

Action: Web Server initialization processing continuees.

The variable fields of the message text are:

userid	the WWWDEFAULTRUNAUTH userid

SWS3982E INDEXED DELETE OF var1.var2 (var3) FAILED (TRACE=var4) - RULE NOT DELETED

Explanation: The indicated rule could not be deleted from the indicies of the internal rule search tree. The rule is not deleted. although it will be disabled.

Action: If the error recurs, contact technical support.

The variable fields of the message text are:

var1	Ruleset name
var2	Rule Name
var3	Rule Criterion
var4	An internal trace back value

SWS3990E /*FILE STMT - var1

Explanation: During event procedure enablement, a /*FILE section was not enabled due to the error given.

Action: Correct the error and re-enable the event procedure.

The variable fields of the message text are:

var1   Error text

SWS3998I var1

Explanation: Shadow SEF rule manager uses this message to list for-matted control block output messages for shared files

Action: These mesasges contain the formatted control block image.

The variable fields of the message text are:

var1   Formatted control block output line data

SWS4000H text

Explanation: This is a general purpose message for certain VTAM errors.

Action: Not every condition reported on by this message is really an error. Read the text of the message carefully to determine whether an error occurred or not. If an error has occurred and you cannot resolve it. Contact NEON Systems for technical assistance.

The variable fields of the message text are:

text   the text of the VTAM error message

SWS4001H UNKNOWN service CODES - R0=r0 R15=r15

Explanation: This message reports on unknown (to S__) VTAM return and reason codes (R15 and R0).

Action: This may indicate some type of internal error. It is also possible that you are running a version of VTAM that is not yet supported by S__. If the version of VTAM that you are running DOES appear to be supported, call NEON Systems for technical assistance.

The variable fields of the message text are:

service	current operation
r0	register zero contents
r15	register fifteen contents

SWS4002H UNKNOWN service CODES - RCPR=rcpr RCSC=rcsc

Explanation: This message appears in conjunction with the 4001 message.

Action: This may indicate some type of internal error. It is also possible that you are running a version of VTAM that is not yet supported by S__. If the version of VTAM that you are running DOES appear to be supported, call NEON Systems for technical assistance.

The variable fields of the message text are:

service	current operation
rcpr	primary rpl extension codes
rcsc	seconday rpl extension codes

SWS4003H service

Explanation: This message is used for tracing certain VTAM-related events within the product.

Action: No action is required, unless the trace messages are appearing without you requesting tracing.

The variable fields of the message text are:

service	current operation

SWS4004H service - lu

Explanation: This message is used for tracing certain VTAM-related events within the product.

Action: No action is required, unless the trace messages are appearing without you requesting tracing.

The variable fields of the message text are:

service   current operation
lu   LU name

SWS4005H service - lu/mode

Explanation: This message is used for tracing certain VTAM-related events within the product.

Action: No action is required, unless the trace messages are appearing without you requesting tracing.

The variable fields of the message text are:

service   current operation
lu   LU name string
mode   mode name string

SWS4006H VTAM APPLID NOT SET - LU 6.2 PROCESSING TERMI-NATED

Explanation: The local VTAM applid has not been set. VTAM processing on this copy of S__ is impossible.

Action: The VTAM task of the main address space shuts down. This is not an error unless you actually did specify the VTAM applid in the S__xIN00 EXEC and you still got this message. Note that other processing can still take place (TCP/IP based transactions will still work) even after the VTAM task shuts down.

SWS4007H INVALID FMH-5 CONTROL BLOCK RECEIVED FROM lu

Explanation: An invalid FMH-5 control block was received from a peer LU. The invalid FMH-5 block will be ignored and the conversation will be terminated immediately.

Action: This error will only occur if a another product tries to establish a conversation with the main product address. This error should be reported to whoever is responsible for the other product.

The variable fields of the message text are:

lu vtam lu name string

SWS4050E INVALID HTTP HEADERS - errdesc - RECEIVED FROM ip

Explanation: Invalid HTTP headers were received from a remote system. The invalid HTTP headers could not be processed.

Action: The connection to the client system is terminated. The client application will probably report an error. Check for any client system error messages. If the failure continues contact NEON Systems.

The variable fields of the message text are:

errdesc error description
ip TCP/IP IP address

SWS4051E SSL CONNECTION FAILED - errdesc - RECEIVED FROM ip

Explanation: A client application attempted to establish a connection to the host using SSL. The connection could not be created for some reason related to SSL processing.

Action: The connection to the client system is terminated. The client application will probably report an error. Check for any client system error messages. If the failure continues contact NEON Systems.

The variable fields of the message text are:

errdesc error description
ip TCP/IP IP address

SWS4090T ODBC access to IMS is not authorized, contact NEON Systems (281-491-4200) to authorize access to IMS systems

Explanation: The product is not authorized for use with IMS from ODBC applications. The current request to use ODBC to connect to IMS on the host has been rejected. The current host session will be terminated.

Action: Contact NEON Systems at 281-491-4200 to obtain a new license code that will enable all ODBC applications to use the product to connect to IMS.

SWS4091T ODBC access to IMS is not enabled, enable access by setting the parameter value APPC/IMS to YES

Explanation: The product is not enabled for use with IMS from ODBC applications. The current request to use ODBC to connect to IMS on the host has been rejected. The current host session will be terminated.

Action: If access to IMS from ODBC applications is needed, enable IMS by setting the APPC/MVS product parameter to YES.

SWS4092T ODBC access to CICS is not authorized, contact NEON Systems (281-491-4200) to authorize access to CICS systems

Explanation: The product is not authorized for use with CICS from ODBC applications. The current request to use ODBC to connect to CICS on the host has been rejected. The current host session will be ter-minated.

Action: Contact NEON Systems at 281-491-4200 to obtain a new license code that will enable all ODBC applications to use the product to connect to CICS.

SWS4093T subsys Maximum number of subsys users (cnt) already connected, connection rejected

Explanation: The maximum number of users are already connected to the product on the host. The current attempt to connect to the host has been rejected. The host session will be terminated. The maximum number of users may be limited by the product license code or by the DB2CONCURRENTMX product parameter.

Action: If the maximum number of users is limited by the product license code, contact NEON Systems at 281-491-4200 to obtain a new license code that will authorize more users to connect to the host. If the maximum number of users is limited by the DB2CONCURRENTMX product parameter, raise this value.

The variable fields of the message text are:

subsys	subsystem name
subsys	subsystem name
cnt	count

SWS4094T ODBC access to ADABAS is not authorized, contact NEON Systems (281-491-4200) to authorized access to ADABAS systems

Explanation: The product is not authorized for use with ADABAS from ODBC applications. The current request to use ODBC to connect to ADABAS on the host has been rejected. The current host session will be terminated.

Action: Contact NEON Systems at 281-491-4200 to obtain a new license code that will enable all ODBC applications to use the product to connect to ADABAS.

SWS4095T ODBC access to ADABAS is not enabled, enable access by setting the parameter value ADABAS to YES

Explanation: The product is not enabled for use with ADABAS from ODBC applications. The current request to use ODBC to connect to ADABAS on the host has been rejected. The current host session will be terminated.

Action: If access to ADABAS from ODBC applications is needed, enable IMS by setting the ADABAS product parameter to YES.

SWS4096T ODBC access to Shadow_VSAM is not authorized, contact NEON at (281-491-4200) to authorized access to Shadow_VSAM

Explanation: The product is not authorized for use with VSAM/SEQ from ODBC applications. The current request to use ODBC to connect to VSAM/SEQ on the host has been rejected. The current host session will be terminated.

Action: Contact NEON Systems at 281-491-4200 to obtain a new license code that will enable all ODBC applications to use the product to connect to VSAM/SEQ.

SWS4098T NO ACTIVE STARTED TASK COPY OF THE PRODUCT LOCATED

Explanation: The userid and password provided by the client application can not be validated because there is no active started task copy of the product. A started task copy of the product is required for userid and password validation if the client application is connecting to a test copy of the product running under TSO. This error can only occur attempting to connect to a test copy of the host code running under TSO.

Action: The session is not permitted to proceed. The installation must activate a started task copy of the product before connections to TSO copies of the product will be allowed to proceed.

SWS4099T CLIENT USERID 'userid' UNEQUAL TO TSO USERID 'userid'

Explanation: The userid provided by the client application is not the same as the TSO userid running the test copy of the product. The connection attempt is rejected and the connection is severed. This error can only occur attempting to connect to a test copy of the host code running under TSO.

Action: The session is not permitted to proceed. The client must supply a valid userid/password combination (for the host) in order for the session to proceed. Change the client's userid to be the same as the TSO userid.

The variable fields of the message text are:

userid	the client userid
userid	the TSO userid

SWS4100E BIND WITH type name FAILED - NO MATCHING desc

Explanation: The bind with the remote system failed because the local and the remote systems could not agree on certain S__-to-S__ communication parameters.

Action: The bind process has failed. No communication with the remote system is possible. Note that it is NOT a VTAM bind that has failed. The bind referred to by this message is an S__-to-S__ bind. Retry the process. If the failure continues contact NEON Systems.

The variable fields of the message text are:

type	type of remote node
name	remote host name
desc	description of bind problem

SWS4101T PASSWORD VALIDATED FOR USERID 'userid' FROM type host

Explanation: The userid/password combination from a remote (and untrusted) client was successfully validated.

Action: No action is required. Processing continues.

The variable fields of the message text are:

userid	the remote userid
type	type of remote node
host	remote host name

SWS4102T LOGON ATTEMPT FAILED FOR USERID 'userid' FROM type host

Explanation: A remote client was unable to connect for one of several reasons. The userid/password combination may not have been valid or the Shadow Event Facility (SEF) may have rejected the LOGON attempt.

Action: The session is not permitted to proceed. The client must supply a valid userid/password combination (for the host) in order for a session to proceed. Check to be sure that the client's classification as untrusted is valid. If it is not, use the ADDRESS S__ MODIFY LINK command to change its status. If the client was reject by the Shadow Event Facility (SEF), the SEF ATH event LOGON rule may need to be modified.

The variable fields of the message text are:

userid	the remote userid
type	type of remote node
host	remote host name

SWS4103T text

Explanation: This message is used to display any ACF2/RACF message that may have been created as a result of a userid/password validation. This form is used for successful userid/password validations.

Action: No action required. This is an informational message.

The variable fields of the message text are:

text	the text of the ACF2/RACF message

SWS4104T text

Explanation: This message is used to display any ACF2/RACF message that may have been created as a result of a userid/password validation. This form is used for unsuccessful userid/password validations.

Action: The session is not permitted to proceed. The client must supply a valid userid/password combination (for the host) in order for a session to proceed. Check to be sure that the client's classification as untrusted is valid. If it is not, use the ADDRESS S__ MODIFY LINK command to change its status.

The variable fields of the message text are:

text   the text of the ACF2/RACF message

SWS4105E BIND failed - no matching compression type

Explanation: The bind with the remote system failed because the local and the remote systems could not agree on a compression type.

Action: The bind process has failed. No communication with the remote system is possible. Note that it is NOT a VTAM bind that has failed. The bind referred to by this message is an S__-to-S__ bind. Retry the process. If the failure continues contact NEON Systems.

SWS4106E BIND failed - no matching pointer encoding type

Explanation: The bind with the remote system failed because the local and the remote systems could not agree on a pointer encoding type.

Action: The bind process has failed. No communication with the remote system is possible. Note that it is NOT a VTAM bind that has failed. The bind referred to by this message is an S__-to-S__ bind. Retry the process. If the failure continues contact NEON Systems.

SWS4107E BIND failed - no matching data encoding type

Explanation: The bind with the remote system failed because the local and the remote systems could not agree on a data encoding type.

Action: The bind process has failed. No communication with the remote system is possible. Note that it is NOT a VTAM bind that has failed. The bind referred to by this message is an S__-to-S__ bind. Retry the process. If the failure continues contact NEON Systems.

SWS4108E BIND failed - no matching application type

Explanation: The bind with the remote system failed because the local and the remote systems could not agree on an application.

Action: The bind process has failed. No communication with the remote system is possible. Note that it is NOT a VTAM bind that has failed. The bind referred to by this message is an S__-to-S__ bind. Retry the process. If the failure continues contact NEON Systems.

SWS4109E BIND failed - no matching processing functions

Explanation: The bind with the remote system failed because the local and the remote systems could not agree on processing functions.

Action: The bind process has failed. No communication with the remote system is possible. Note that it is NOT a VTAM bind that has failed. The bind referred to by this message is an S__-to-S__ bind. Retry the process. If the failure continues contact NEON Systems.

SWS4110S INVALID MODE DETECTED - LU lu ROUTINE routine

Explanation: The LU 6.2 processing routine detected an invalid mode string. The mode string can not be used for further processing.

Action: Report the error to NEON Systems. The complete message will be needed to diagnose the problem. One or more connection attempts may fail and have to be retried.

The variable fields of the message text are:

lu	vtam lu name string
routine	routine name string

SWS4111S INVALID LU NAME DETECTED - ROUTINE routine

Explanation: The LU 6.2 processing routine detected an invalid LU name string. The LU name string can not be used for further processing.

Action: Report the error to NEON Systems. The complete message will be needed to diagnose the problem. One or more connection attempts may fail and have to be retried.

The variable fields of the message text are:

routine   routine name string

SWS4112T ODBC usage restricted to OEM, contact NEON Systems (281-491-4200) to authorize all ODBC applications

Explanation: The product is not authorized for use with general purpose ODBC applications. The current request to use ODBC on the host has been rejected. The product is only authorized for use with an OEM vendor application.

Action: Contact NEON Systems at 281-491-4200 to obtain a new license code that will enable all ODBC applications to use the product.

The variable fields of the message text are:

OEM   OEM vendor name

SWS4113T %1

Explanation: The maximum number of concurrent users has been reached. The current request to connect to the host has been rejected.

Action: Contact the person resposible for administering the Shadow server to exlpore the possiblity of raising the current maximum user count.

SWS4114T Dynamic SQL is not allowed by this instance of the Shadow Server

Explanation: This instance of the Shadow Server is to be used for Static Only DB2 applications. The Dynamic SQL request has been rejected.

Action: Contact the person resposible for administering the Shadow server for the Shadow Server(s) available which support Dynamic SQL.

SWS4115S SECONDARY USERID COUNT (%1) EXCEEDS MAXI-MUM (%2)

Explanation: The actual number of secondary userids for the current task exceeds the maximum number of supported secondary userids. Because of this problem, the secondary userid list can not be utilized and the current session will be terminated.

Action: Verify that the current userid does have an excessive number of secondary userids. Reduce the number of secondary userids and retry the connection. If the failure continues or if reducing the number of second-ary userids is not possible contact NEON Systems.

SWS4116T ODBC access to DB2 is not authorized, contact NEON Systems (281-491-4200) to authorize access to DB2 systems

Explanation: The product is not authorized for use with DB2 from ODBC applications. The current request to use ODBC to connect to DB2 on the host has been rejected. The current host session will be terminated.

Action: Contact NEON Systems at 281-491-4200 to obtain a new license code that will enable all ODBC applications to use the product to connect to DB2.

SWS4117T Connection mode is not authorized, contact NEON Sys-tems (281-491-4200) to authorize use of connection mode

Explanation: An ODBC application has requested use of a connection mode that is not authorized on the host. The request has been denied and the host session will be terminated.

Action: Contact NEON Systems at 281-491-4200 to obtain a new license code that will enable use of the requested connection mode.

SWS4118T Insufficient virtual storage is available to handle this session, session rejected

Explanation: An ODBC application has attempted to connect to the host. Not enough virtual storage was available to handle the session. The session was rejected and terminated by the host.

Action: The server address space does not have enough virtual storage to handle the number of connections that are being directed to it. You can reduce the minimum storage requirements using product parameters. However, this is not recommended. Either the amount of virtual storage per connection must be reduced, or the number of connections must be reduced, or the load must be spread across multiple copies of the product.

SWS4119T REXX VARIABLE ERROR VAR1-VAR2 VAR3 DURING FETCH OF VAR4 FOR SSEF rule VAR5

Explanation: The Shadow/REXX processor encountered a failure during termination processing for a REXX exec. A REXX variable value could not be fetched and returned to the product's internal SEF routines during the termination process. Because a truncated or missing value may cause critical errors within the rule processing facility, the product generates an S0C3 abend which forces termination of the Shadow/REXX interpretor along with processing of the current SEF rule in which the procedure was defined. NOTE: For SHVRET code, X'01-(New/Dropped Variable), the most likely cause occurs when you EXIT from a subroutine of the main Shadow/REXX procedure. If the subroutine contains a PRO-CEDURE {EXPOSE} statement some or all of the server's build-in variables are hidden during EXIT processing, and therefore are not available for post-REXX-execution interrogation by the rule facility. Ensure that the Shadow/REXX routine not deliberately EXIT from an internal PRO-CEDURE. For other SHVRET error codes, the most likely cause is an internal server error.

Action: Check the REXX exec procedure and trace log for other messages which may indicate the precipitating cause of the failure and correct. Contact technical support if this procedure fails to resolve the problem.

The variable fields of the message text are:

VAR1	SHVRET return code value as defined in IRXSHVB control block for IRXEXCOM
VAR2	Description of SHVRET feeback code
VAR3	R15 return code from IRXEXCOM
VAR4	REXX variable name
VAR5	REXX procedure name

SWS4120T REXX VARIABLE "VAR1" TRUNCATED FOR SEF RULE VAR2 - SIZE (VAR3) LONGER THAN MAX SIZE (VAR4)

Explanation: The SEF rule processor encountered a failure during termination processing for a Shadow/REXX procedure. The termination-time value assigned by Shadow/REXX to a built-in server variable is larger than the defined maximum size allowed by the SEF facility. The variable is truncated to the maximum allowable size. Truncation, however, may cause additional, spin-off error conditions to arise.

Action: Check the REXX exec procedure to see if a value was assigned which exceeds the implementation maximums for specific built-in variable.

The variable fields of the message text are:

VAR1	REXX variable name
VAR2	SEF rule where Shadow/REXX exec is located
VAR3	Actual size of the variable data
VAR4	Allowed maximum size for this variable

SWS4121W SERVICE OF DESC FAILED, RC=RC

Explanation: Shadow SEF message processing encountered a failure in a product service routine. A particular instance of this generic message may relate to a GETMAIN failure while attempting to allocate a REXX work space. In this case the return code indicates the return code from the storage management routine.

Action: Check the message related to the failure and attempt to resolve the problem. In the case of a storage allocation failure check for related MVS and product messages. Also check is your installation has an exits (e.g IEFUSI) that limits virtual storage allocation. If possible correct the problem and retry the operation.

The variable fields of the message text are:

SERVICE	Current operation (e.g. ALLOCATION, RELEASE, RESET, COPY etc.)
DESC	Description
RC	Return code

SWS4122W ABEND abcd AT mod+off IN LINE var4 OF var5

Explanation: Shadow SEF event processing detected an abend. The current rule processing request is terminated.

Action: Check what caused the abend. See if external interrupts (like a job CANCEL) caused the abend. Check if any Shadow parms limited the processing of the current rule. Refer to the Shadow Reference for Shadow parameters. Contact your local Shadow systems group for support.

The variable fields of the message text are:

abcd	Abend code
mod	Module name at time of abend
off	Module offset at time of abend
var4	Statement number being executed
var5	Ruleset rulename

SWS4123W SEF PROCESSING OF var1 var2 FOR var3 ABORTED

Explanation: Shadow SEF event processing routine detected an abend. the current rule processing request is aborted.

Action: Check what caused the abend. See if any external interrupts (like a job cancel/or job abend) caused the current rule to be aborted. If an abend happened in Shadow contact your local Shadow systems programming group for support. If abend happened within a job, then treat this error as an environmental error. Correct or ignore the current error as applicable to your environment.

The variable fields of the message text are:

var1	Current rule type
var2	Search id at time of abend
var3	Jobname at time of abend

SWS4124W CANNOT var1 PROCEDURE var2 - %3 SECTIONS NOT ENABLED

Explanation: Shadow SEF event processing routine detected that a TYP rule has been disabled which is referenced by another event procedure. The event procedure cannot be run because the TYP rule is currently disabled. Processing of the procedure is bypassed.

Action: Check to see why the TYP rule is disabled and re-enable it.

The variable fields of the message text are:

var1	TYP rule language name
var2	Event procedure which cannot be run

SWS4127E var1 FOR MESSAGE ID=var2

Explanation: Shadow SEF event processing found too many compound symbols. The pattern match error is reported. Processing for the current rule is terminated.

Action: Check the exceeded compound symbol value and adjust your rule code to it. Correct the above problem and restart.

The variable fields of the message text are:

var1	Error text
var2	Message id string

SWS4128E RULE var1 SET var2 TO AN INVALID var3 VALUE

Explanation: Shadow SEF event processing encountered an error in conversion of a character to an integer. Further processing is terminated.

Action: Check the error text for the invalid input character data causing this error. Remove or modify the invalid data and restart.

The variable fields of the message text are:

var1	Ruleset rulename
var2	Compound variable name
var3	Control block field name

SWS4129E var1 FOR var2 RULE var3

Explanation: Shadow SEF event processing encountered too many internally generated compound symbols (security related) or the length of one of these symbol names exceeds an internal product limit. Further processing of this rule is terminated.

Action: This is an internal product error condition. Report this error condition to NEON Systems technical support immediately.

The variable fields of the message text are:

var1	Error text
var2	Rule type string
var3	Ruleset rulename string

SWS4130E RULE VAR1 DISABLED FOR EXCEEDING FIRING LIMIT OF VAR2

Explanation: Shadow SEF Event Processing detected excessive firing of the rule named in the message. As a result, the rule has been disabled.

Action: Increase the limit, if appropriate, and enable the rule.

The variable fields of the message text are:

VAR1	RULESET RULENAME string
VAR2	Rule firing limit

SWS4131E RULE VAR1 HAS EXCEEDED THE SEF FIRING LIMIT OF VAR2

Explanation: Shadow SEF Event Processing detected excessive firing of the rule named in the message. The associated parameter, SEFLIMIT-DISABLE indicates the rule is not to be disabled.

Action: This message is informational. No response required. You may wish to code a message rule that conditionally disables the rule.

The variable fields of the message text are:

VAR1	RULESET RULENAME string
VAR2	Rule firing limit

SWS4132I USER PROGRAM VAR1 NOT FOUND IN LIBRARY

Explanation: While enabling a rule specifying execution of a user load module, the system was unable to preload the indicated module. Enablement of the rule is suppressed.

Action: Verify that the module named in the rule actually exists within the User program load library or STEPLIB.

The variable fields of the message text are:

VAR1	User load module name

SWS4133I MSG.CONSNAME NOT ALTERED - CONSOLE NAME cn INVALID

Explanation: A message rule attempted to modify the MSG.CON-SNAME variable. The console name given as the new value was an invalid name. Another possibility was that the message rule modified the MSG.CONID variable (note: MSG.CONSNAME if modified takes precedence) and Shadow attempted to translate the new console ID to a corresponding console NAME and found that console to be invalid.

Action: Validate the rule processing.

The variable fields of the message text are:

cn   Console name

SWS4134E RSRCE SS FAILED, RC=RC, DETECTED AT ad

Explanation: Some type of error occurred in a product service routine. See the actual text of the message for an explanation. the error was probably caused by a failure in an operating system service requested by a product service routine.

Action: Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

RSRCE	Resource name
SS	System service
RC	Return code

SWS4135E SEF rule processor entered by var1 for invalid event type - var2

Explanation: The SEF rule processing facility was invoked with an invalid event type. This is probably an internal error.

Action: Check if any other error messages were generated along with the error message above. Capture a copy of the trace records surrounding the time of this error showing the TCB address and contact NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

var1	calling csect name
var2	invalid event type code value

SWS4136E ABEND during var1 control block locate - SEF rule execution bypassed

Explanation: An internal control block could not be located prior to SEF event execution scheduling.

Action: Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

var1	control block name

SWS4150T desc addr size PLAN plan

Explanation: This is a trace message that is produced whenever the TRACECURSOR parameter has been set to YES. This message provides information related to the product's SQL plist and status area.

Action: No action required.

The variable fields of the message text are:

desc	control block description
addr	address of the control block
size	size of the control block in hex
plan	the plan name

SWS4151T desc addr size DBRM dbrm CURSOR sqlsec DATA dbaddr dbcnt QUERY rowlen colcnt TYPE stmttype

Explanation: This is a trace message that is produced whenever the TRACECURSOR parameter has been set to YES. This message is used to trace the product's cursor control blocks. There may be multiple cursor control blocks for each product SQL plist.

Action: No action required.

The variable fields of the message text are:

desc	control block description
addr	address of the control block
size	size of the control block in hex
dbrm	the DBRM name
sqlsec	SQL section number
dbaddr	first data block address
dbcnt	number of chained data blocks
rowlen	total data row length
colcnt	number of query columns
stmttype	last prepared statement type

SWS4152T desc addr size nxof lsof

Explanation: This is a trace message that is produced whenever the TRACECURSOR parameter has been set to YES. This message is used to trace the product's data blocks. There may be multiple data blocks for each product cursor block.

Action: No action required.

The variable fields of the message text are:

desc	control block description
addr	address of the control block
size	size of the control block in hex
nxof	next offset value (hex)
lsof	last offset value (hex)

SWS4153T desc type len namlen name

Explanation: This is a trace message that is produced whenever the TRACECURSOR parameter has been set to YES. This message is used to trace the columns of the SQLDA. There may be multiple columns described by the SQLDA.

Action: No action required.

The variable fields of the message text are:

desc	control block description
type	type of data for the column (integer)
len	length of the data in the column (hex)
namlen	length of the column name (integer)
name	column name (up to 30 characters)

SWS4180S INVALID BUFFER RECEIVED FROM A CLIENT SYSTEM

Explanation: This message is issued if an invalid communication buffer is received from a client system. The buffer should have contained a request for additional RPC data. However, it did not.

Action: The session fails. Retry the session. If the problem persists check to see if there are other messages that may indicate another problem. If there are no other messages, contact NEON Systems for assistance.

SWS4181S RPC DATA WILL NOT FIT INTO BUFFER

Explanation: This message is issued if an RPC data item of some kind will not fit into the communication buffer. This error should never occur.

Action: The session fails. Retry the session. If the problem persists check to see if there are other messages that may indicate another problem. If there are no other messages, contact NEON Systems for assistance.

SWS4190E BIND WITH type host FAILED - NO MATCHING prob

Explanation: This message is produced when the local system is unable to negotiate a bind with the remote system. Note that this is not a VTAM bind. It is an S__-specific bind.

Action: The session fails. Retry the session. If the problem persists check to see if there are other messages that may indicate another problem. If there are no other messages, contact NEON Systems for assistance.

The variable fields of the message text are:

type	type of remote node
host	name of remote node
prob	specific description of problem

SWS4191E text

Explanation: This message indicates a logon failure. The text of the message is produced by the security package (RACF, ACF2).

Action: Check the text of the message to determine the cause of the logon failure. You may need additional authorization.

The variable fields of the message text are:

text	the text of the message

SWS4192T var1 - var2 - var3

Explanation: An error occurred while processing an ODBC request.

Action: This error message is a generalized message to identify user interface errors.

The variable fields of the message text are:

var1	ODBC service being called (IMSTM, CICSEXCI)
var2	Element/Operation in error
var3	Error description

SWS4200I var1: 'var2'

Explanation: This message is issued as a result of a host command being sent to the Shadow/REXX "MESSAGE" environment.

Action: This message is informational. No response required.

The variable fields of the message text are:

var1	Host environment name string (message)
var2	Host command insert

SWS4201E BIND WITH text %2 FAILED - NO MATCHING %3

Explanation: This message indicates a logon failure. The text of the message is produced by the security package (RACF, ACF2).

Action: Check the text of the message to determine the cause of the logon failure. You may need additional authorization.

The variable fields of the message text are:

text	the text of the message

SWS4233I ERROR SENDING MESSAGE TO EXTERNAL DATA QUEUE

Explanation: An error has occurred while attempting to send an informational record to the external data queue. this may be caused by a full external data queue.

Action: Contact your local Shadow systems programming group for help.

SWS4250E text

Explanation: This message is used to write out error messages received from remote systems.

Action: Check the text of the message to determine the cause of the problem.

The variable fields of the message text are:

text   the text of the message

SWS4251E INVALID ADDRESS addr PASSED BY PROGRAM 'pgm'

Explanation: This message is issued if an invalid address is detected in the routine that copies data from a user program into the buffer that is sent to the remote system. The data at the specified address could not be accessed.

Action: The program passing the invalid address to the product may fail or give incorrect results. Check the DB2 application program and fix it if possible.

The variable fields of the message text are:

addr   invalid data address
pgm   program passing the invalid address

SWS4260H TCP/IP component FOR SUBSYSTEM 'ssn' status

Explanation: This message is used to indicate incomplete TCP/IP initialization.

Action: No action is required. When TCP/IP completes initialization S__ will complete its own TCP/IP-related initialization.

The variable fields of the message text are:

component	the component S__ is looking for
ssn	the TCP/IP subsystem name
status	the component's status

SWS4261H IBM TCP/IP STARTED TASK NAME NOT SET - IBM TCP/IP PROCESSING TERMINATED

Explanation: The name of the TCP/IP started task has not been set. TCP/IP processing using this copy of the product is not possible.

Action: The TCP/IP task of the main address space shuts down. This is not an error unless you actually did specify the TCP/IP started task name in the S__xIN00 EXEC and you still get this message. Note, that other processing can still take place (VTAM based transactions will still work) even after the TCP/IP task shuts down.

SWS4262S MAXIMUM SESSION COUNT (cnt) HAS BEEN REACHED

Explanation: The main TCP/IP task was not able to allocate a socket for a new session. The session was terminated.

Action: Raise the TCP/IP maximum session limit and restart the product. The maximum TCP/IP session limit is set using the TCPMAXSESSIONS product parameter. This parameter can only be set using the product initialization REXX program.

The variable fields of the message text are:

cnt	count

SWS4263S SOCKET ALLOCATION FAILED

Explanation: The main TCP/IP task was not able to allocate a socket for a new session. The session was terminated.

Action: Raise the TCP/IP maximum session limit and restart the product. The maximum TCP/IP session limit is set using the TCPMAXSESSIONS product parameter. This parameter can only be set using the product initialization REXX program.

SWS4264H HOST SYSTEM LINK NOT FOUND - TCP/IP TERMINATED

Explanation: No link is defined for the local system. TCP/IP cannot be used until the local system is defined.

Action: Check the initialization EXEC to determine if a link definition exists for the local system. If it does and there were no initialization error messages, contact NEON systems.

SWS4266S SSL PORT NUMBER REQUIRED - TCP/IP TERMINATED

Explanation: SSL processing has been requested. However, the SSL port number has not been set or has been set to zero. IBM TCP/IP was terminated.

Action: Set the SSL port number in the initialization EXEC and restart the product. If this does not resolve the problem, contact technical support for additional assistance.

SWS4267S INVALID NETWORK MODE FOR SSL - TCP/IP TERMINATED

Explanation: SSL processing has been requested. However, the current Network Execution Mode does not support SSL. IBM TCP/IP was terminated. SSL can only be used with the default Network Execution Mode (NONE) or with the TCPMAIN mode. Some other Network Execution Mode was specified.

Action: Either set the Network Execution Mode to a value that can be used with SSL or remove the request for SSL processing. The product parameter for setting the Network Execution Mode is NETMODE. The product parameter for activating SSL is SSL.

SWS4268S SSL AND NON-SSL PORTS MATCH - TCP/IP TERMI-NATED

Explanation: SSL processing has been requested. However, the SSL port number is the same as the non-SSL port number. IBM TCP/IP was terminated.

Action: Change either the SSL or the NON-SSL port numbers and restart the product. The product parmater for setting the non-SSL port number is IBMPORTNUMBER. The product parameter for setting the SSL port number is IBMSSLPORTNUMBER.

SWS4269H MVS TCP/IP PORT NUMBER NOT SET - TCP/IP TERMI-NATED

Explanation: The port number for MVS TCP/IP has not been set. MVS TCP/IP processing using this copy of the product is not possible.

Action: The MVS TCP/IP task of the main address space shuts down. This is not an error unless you actually did specify the MVS TCP/IP port number in the S__xIN00 EXEC and you still get this message. Note, that other processing can still take place (VTAM based transactions will still work) even after the MVS TCP/IP task shuts down.

SWS4270H %1 SUBSYSTEM NAME '%2' NOT SET - %1 TCP/IP PRO-CESSING TERMINATED

Explanation: The name of the TCP/IP subsystem has not been set. TCP/IP processing using this copy of the product is not possible.

Action: The TCP/IP task of the main address space shuts down. This is not an error unless you actually did specify the TCP/IP subsystem name in the S__xIN00 EXEC and you still get this message. Note, that other processing can still take place (VTAM based transactions will still work) even after the TCP/IP task shuts down.

SWS4271S SSL AND NON-SSL PORTS MATCH - TCP/IP TERMI-NATED

Explanation: SSL processing has been requested. However, the SSL port number is the same as the non-SSL port number. Interlink TCP/IP was terminated.

Action: Change either the SSL or the NON-SSL port numbers and restart the product. The product parmater for setting the non-SSL port number is ITCPORTNUMBER. The product parameter for setting the SSL port number is ITCSSLPORTNUMBER.

SWS4272H 'vendor' TCP/IP component FOR SUBSYSTEM 'ssn' status

Explanation: This message is used to indicate incomplete INTERLINK TCP/IP initialization.

Action: No action is required. When TCP/IP completes initialization S__ will complete its own TCP/IP-related initialization.

The variable fields of the message text are:

vendor	the TCP/IP vendor
component	the TCP/IP component
ssn	the TCP/IP component subsystem name
status	the component's status

SWS4279I count NEW RESMGR E-O-T CLEANUP FAILURES OR STALLS DETECTED AND CORRECTED

Explanation: This message is issued when a change is noted in the number of MVS Resource Manager End-of-task failures or stalls which have been detected and automatically corrected by the Subsystem end-of-task SSI intercept. Missing RESMGR EOT notifications normally occur only for connected TSO userids which are cancelled with S622 ABENDs (because the RESMGR EOT intercept is not scheduled by MVS), or which do not exit/reenter a dialog (such as the trace display) between restarts of the main product address space. Undetected EOT events may indicate a more serious problem when they occur for subtasks executing within the main product address space.

Action: No action is normally required. Some sites may receive these notifications with regular frequency; other sites may rarely or never receive these notifications. If you note an increase in the number of RESMGR EOT failures, check the trace to locate DET events (TRACE-DETACHEVENTS must be YES). Those entries which contain the text "EOT" or "EOM" are of interest. Display the Jobname and Userid columns. If the failing DET events are not being recorded for TSO user address spaces, then contact NEON Systems technical support for further analysis.

The variable fields of the message text are:

count   new RESMGR failures detected

SWS4280T lmtype TIME LIMIT EXCEEDED FOR uid FROM type NODE name PLAN plan CNID cnid TP pgm

Explanation: This message is issued when a task has exceeded a warning limit of some kind. The limit may have either been a CPU time limit or a wait time limit.

Action: No action is required. However, an automated response to this message may be needed.

The variable fields of the message text are:

lmtype	the limit type, either CPU of wait
uid	userid string
type	type of remote node
name	remote host name
plan	plan name string
cnid	connection ID value
pgm	program name

SWS4281T lmtype TIME LIMIT EXCEEDED FOR uid FROM type NODE name PLAN plan CNID cnid TP pgm

Explanation: This message is issued when a task has exceeded a error limit of some kind. The limit may have either been a CPU time limit or a wait time limit.

Action: No action is required. However, an automated response to this message may be needed.

he variable fields of the message text are:

lmtype	the limit type, either CPU of wait
uid	userid string
type	type of remote node
name	remote host name
plan	plan name string
cnid	connection ID value
pgm	program name

SWS4282T lmtype TIME LIMIT EXCEEDED FOR uid FROM type NODE name PLAN plan CNID cnid TP pgm

Explanation: This message is issued when a task has exceeded a failure limit of some kind. The limit may have either been a CPU time limit or a wait time limit. The task is terminated with an abend.

Action: No action is required. However, an automated response to this message may be needed.

The variable fields of the message text are:

lmtype	the limit type, either CPU of wait
uid	userid string
type	type of remote node
name	remote host name
plan	plan name string
cnid	connection ID value
pgm	program name

SWS4283T SMAF UPDATE FAILED FOR TCB addr CMTC ENTRY addr SMAF addr

Explanation: This message is issued when an attempt to update product limits in a SMAF block failed for some reason. The update will not be performed. This error will normally only occur if the target task terminated while an attempt to update the SMAF was underway.

Action: No action is required.

The variable fields of the message text are:

addr	Target TCB address
addr	TCB list entry address
addr	SMAF block address

SWS4284S PROCESS BLOCK POOL IS EMPTY, SIZE IS size

Explanation: This message is issued when the process block pool is found to be empty. This can happen if all of the process blocks are in use or if process blocks are being lost (allocated and not freed).

Action: This is a very serious error. Terminate the main product address space as soon as possible and raise the number of process blocks using the PROCESS product parameter in the product initialization EXEC. The

number of process blocks must be at least as large as the number of IMS/ DRA threads plus 5. If the error persists, contact NEON Systems technical support for further assistance.

The variable fields of the message text are:

size   Process block pool size

SWS4285S cnt PROCESS BLOCK ALLOCATION FAILURES HAVE BEEN DETECTED

Explanation: This message is issued when process block allocation failures are detected. This can happen if all of the process blocks are in use or if process blocks are being lost (allocated and not freed).

Action: This is a very serious error. Terminate the main product address space as soon as possible and raise the number of process blocks using the PROCESS product parameter in the product initialization EXEC. The MINIMUM number of process blocks needed must be at least as large as the number of IMS/DRA threads, plus 5. Note, that this is the minimum number required, and it does NOT take into account various volume-based request handling. If the error persists after increasing the PROCESS parameter value, or if process block release errors are also being reported by the subsystem, contact NEON Systems technical support for further assistance.

The variable fields of the message text are:

cnt   Process block allocation failures

SWS4286S OPMS UPDATE FAILED FOR A LOGGING EXCEPTION LIMIT

Explanation: This message is issued when an attempt to update product limits in the OPMS block failed for some reason. The update will not be performed. This error will normally only occur if a serious internal error has occurred. This error could occur if the product was attempting to update a limit value at the same time the ISPF interface was also being used to update a limit value.

Action: This is a very serious error. If the error persists, contact NEON Systems technical support for further assistance.

SWS4287S cnt PENDING LOGGING REQUESTS FOUND FOR DATA-BASE 'database'

Explanation: The number of pending logging requests has exceeded the product limit value. This message is issued to notify the operators of the system or an automated operations product that the limit has been exceeded.

Action: This is a serious error. The reason for the accumulation of pending requests must be determined and fixed. Some of the possible reasons include the DB2 subsystem being down or errors accessing the DB2 logging tables.

The variable fields of the message text are:

cnt   Count
database   Database subsystem name

SWS4288S cnt PENDING LOGGING REQUESTS CLEARED FOR DATABASE 'database'

Explanation: All of the pending logging requests for a database subsystem have been cleared and the associated storage has been released. This message is issued to notify the operators of the system or an automated operations product that the pending logging requests have been released.

Action: This is a serious error. The reason for the accumulation of pending requests must be determined and fixed. Some of the possible reasons include the DB2 subsystem being down or errors accessing the DB2 logging tables.

The variable fields of the message text are:

cnt   Count
database   Database subsystem name

SWS4289S cnt SS-PC ENTRY FAILURES DETECTED, LAST: 'reason' AT timestamp

Explanation: One or more new failures were encountered during entry processing for the product's space-switch or stacking PC routine. Each new failure represents a transaction task or user interface request which could not be processed. Most often, these failures are due to the inability of the product to obtain stack storage from it's pool of pre-allocated cross-memory process blocks, and this message will be immediately preceded by message MSG4285S.

Action: If this message was preceded by MSG4285S, terminate the main product as soon as possible and raise the number of of process blocks using the PROCESS product parameter, as described for MSG4285S. If MSG4285S does not precede this message, or the problem persists, contact NEON Systems technical support for further assistance.

The variable fields of the message text are:

cnt	Count of PC entry failures
reason	Last text reason set in PC entry routine
timestamp	Timestamp of last PC entry failure

SWS4290E VAR1 GLOBAL VARIABLE WORKSPACE IS VAR2 FULL (VAR3 OF VAR4 BLOCKS USED). PROGRAM=PGMNAME.

Explanation: The global (or temporary global) variable workspace which contains global variable has met or exceeded the threshold of blocks in use as defined by the GLOBALWARNTHRESH (or GLOBAL-TEMPWARNTH) product parameter. This message will also be issued every time a new high-water mark is met or exceeded that is at least 5% higher than the previous high-water mark. The frequency at which this message is issued is controlled by the GLOBALWARNINTVAL (or GLOBALTEMPWARNIV) product parameter. Note that the check that results in this message is only made when a new global variable is allocated or an existing global variable is expanded. The condition is recorded and the message will be issued on the next reference to a global variable. If no global variable references occur then you may not be warned of this condition until the database is full.

Action: You may need to analyze the contents of the global (or temporary global) variable database using the Global Variables application and delete unused symbols. If the global variable dataset is too small then allocate a larger global variable DIV dataset and copy the old one over to it using the access method services REPRO command. Modify the Shadow GLOBALMAX (or GLOBALTEMPMAX) parameter to indicate the larger maximum number of global variable blocks. The program or rule.ruleset name in the message simply represents the program running at the time the condition was detected or at the time a deferred message was issued. This program may or may not have caused a significant portion of the global workspace to be used.

The variable fields of the message text are:

VAR1	′TEMP′ or ′ ′ to indicate type of workspace
VAR2	Global variable workspace % full
VAR3	Current global workspace blocks in use count
VAR4	Total number of blocks (GLOBALMAX)
PGMNAME	REXX program name or ruleset.rulename

SWS4291T VAR1 VAR2 VAR3 VAR4 VAR5

Explanation: This trace message is used for debugging purposes only.

Action: None.

The variable fields of the message text are:

VAR1	None
VAR2	None
VAR3	None
VAR4	None
VAR5	None

SWS4292E POSSIBLE VAR1 GLOBAL VARIABLE WORKSPACE INTEGRITY PROBLEM DETECTED (VAR2 - VAR3). REBUILD SCHEDULED.

Explanation: An ABEND occurred while updating critical control blocks in either the global (or temporary global) variable workspace. The global variable workspace will be rebuilt at the next checkpoint interval. Until the rebuild is complete attempts to access or update global variables may possibly fail.

Action: In most cases no problem has actually occurred. The rebuild will simply validate and recover all the data. If the SWS0180 messages associated with the rebuild indicate any loss of data then perform the following: Print any LOGREC software records created by Shadow. Also print the relevant sections of the Trace Browse leading up to the issuance of this message. Record the exact text of this message and call NEON Systems technical support for further assistance.

The variable fields of the message text are:

VAR1	'TEMP' or ' ' to indicate type of workspace
VAR2	Error detection type (SYNC or DELAYED)
VAR3	Integrity flag byte in hexadecimal

SWS4294E MSF SYSTEM SYSID IS NOT DEFINED OR IS INACTIVE

Explanation: The MSF system id specified in the message has not been defined or is not currently in an active state. This message will also be issued if MSF is not active. The SWSVALUE or SWSVALUE function that issued this request will fail with a REXX error code of 40.

Action: Make sure that MSF is active then define and activate the required system. Reissue the remote SWSVALUE or SWSVALUE request.

The variable fields of the message text are:

SYSID   MSF System id

SWS4295E ERRDESC

Explanation: A cross system SWSVALUE or SWSVALUE request was unsuccessful. This message contains an indication of a problem that occurred in MSF or on the remote system.

Action: Analyze the message and attempt to correct the problem.

The variable fields of the message text are:

ERRDESC   Error description

SWS4296S GLV SUBTASK HAS TERMINATED. ZEROING WORK-SPACE POINTERS

Explanation: During an attempt to access a global variable it was detected that the global variable subtask had already terminated. The workspace pointers will be zeroed to prevent any future attempts to access this data. All future SWSVALUE or SWSVALUE requests will result in REXX error 48 - Failure in system service.

Action: If the product does not shut itself down automatically, attempt to shut it down manually using the MVS STOP command. If the product still does not terminate attempt to CANCEL it.

SWS4297S VAR1 OF GLOBAL VARIABLE POOL FAILED: HASN=VAR2,PASN=VAR3,SASN=VAR4,MODE=VAR5,RC=VAR6,CALLER=VAR7

Explanation: During an attempt to access global variable pool storage a failure in the lock or unlock serialization routine was encountered. The current global variable operation will be abandoned with a failure return code. The return code field will contain a non-zero value in byte 3 if the SETLOCK or ENQ service failed. It will contain a non-zero value in bytes 1 or 2 for environmental errors.

Action: The current GLOBAL variable pool operation is failed. Check for other messages which might indicate the cause of the error and contact technical support.

The variable fields of the message text are:

VAR1	LOCK or UNLOCK
VAR2	home asid
VAR3	primary asid
VAR4	secondary asid
VAR5	PROB or SUP
VAR6	return code value
VAR7	Caller's CSECT name

SWS4298S GLOBAL VARIABLE VAR1 RECURSION ERROR DETECTED AT ad

Explanation: During an attempt to access global variable pool storage a failure in the lock or unlock serialization routine was encountered.

Action: The current GLOBAL variable pool operation is failed. Check for other messages which might indicate the cause of the error and contact technical support.

The variable fields of the message text are:

VAR1	LOCK or UNLOCK

SWS4300I SEF COMMAND REJECTED - SUBSYSTEM subsys IS NOT ACTIVE

Explanation: The current program or routine requires the services of the main product address space. However, the main product address space is not active.

Action: Start or restart the main product address space

The variable fields of the message text are:

subsys   Subsystem name

SWS4301S service - desc FAILED, RC=rc

Explanation: This is a generic error message used to describe a wide variety of internal errors that occur as a result of calling a product system management service.

Action: Record all the information in the message text and call Shadow technical support for assistance on this

The variable fields of the message text are:

service	Current operation
desc	Description
rc	Return code

SWS4302S ABEND 'ADDRESS abcd' IN desc mod+off

Explanation: An abend occurred while the current program or routine was using the services of the main product address space. The message provides a detailed explanation of what type of abend occurred at what location.

Action: Check the full text of the error message and take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

abcd	Abend code
desc	Description (e.g. SEF cmd)
mod	Module name
off	Module offset

SWS4303E SEF COMMAND TIMED OUT BEFORE ALL RESPONSES RECEIVED

Explanation: The SEF command timed out after waiting for a significant period of time without receiving the complete response from the SEF.

Action: Check that Shadow is still active. If Shadow is still active check the status of the SEF execute queue using SWS/SWS. If there is backlog of SEF requests try to determine what caused the backlog and attempt to resolve the problem. If the problem cannot be resolved call NEON Systems technical support for further assistance.

SWS4304E SEF COMMAND errdesc: 'var2'

Explanation: An invalid SEF verb or an invalid SEF command has been detected by the "ADDRESS SEF" environment syntax checker.

Action: Correct the syntax of the SEF command

The variable fields of the message text are:

errdesc	Error description (e.g. invalid verb)
var2	SEF verb or command string

SWS4305E SWS/SWS VERSION ver IS INCOMPATIBLE WITH VERSION ver OF SUBSYSTEM subsys

Explanation: The version of Shadow that you are using in your TSO environment is incompatible with the version of Shadow running in the main Shadow address space related to the subsystem to which the SEF command has been addressed.

Action: Make sure that the correct Shadow load library is allocated to your TSO environment or address the SEF request to another copy of Shadow which is running the same version of Shadow.

The variable fields of the message text are:

ver	SWS/SWS version string
ver	Main product version string
subsys	Subsystem name

SWS4307E SUBSYS SEF COMMAND CANNOT BE ISSUED IN A RULE

Explanation: The SUBSYS SEF command can not be issued from within an SEF rule environment

Action: Force this section of code to run in a server using OPSREQ.

SWS4308E errdesc, RC=rc

Explanation: Some type of service routine (operating system or product specific) failed. The error message identifies the type of error.

Action: Check the full text of the error message and attempt to correct the error.

The variable fields of the message text are:

errdesc   Error description
rc   Return code

SWS4319T ABEND IN 'ADDRESS SWSSEND' CODE=VAR1, REASON=VAR2 AT ad

Explanation: An abend occurred within the ADDRESS SWSSEND host environment.

Action: Check for other errors which might explain the condition.

The variable fields of the message text are:

VAR1   Abend Completion Code
VAR2   Abend Reason Code

SWS4320H jb subsysid sysid SEF VERB verb COMMAND cmd

Explanation: This message logs the use of SEF host commands to Trace Browse and SYSLOG.

Action: No action required - for information tracking only

The variable fields of the message text are:

subsysid	Product subsystem id
sysid	*LOCAL* or first remote MSF system name
verb	SEF verb
cmd	SEF command

SWS4321E CURRENT var1 COMMAND NOT AUTHORIZED - var2

Explanation: Shadow Shadow/REXX SEF command authorization check routine found that the current user is not authorized to execute the SEF command. Access to execute command is denied.

Action: Check the variable 1 of error message text for the command whose access is denied. Make sure the current user has the required access. Contact your security systems administrator for further help if necessary.

The variable fields of the message text are:

var1	Verb string
var2	Authorization error check message

SWS4322S ABEND abcd IN AUTHORIZATION ROUTINE mod+off

Explanation: An abend occurred in the authorization checking routine

Action: Contact the person at your installation who installs and maintains your installation security product.

The variable fields of the message text are:

abcd	Abend code
mod	Module name
off	Module offset

SWS4323E INVALID SYSTEM LIST SPECIFIED (ALL) IS MUTUALLY EXCLUSIVE WITH (EXT)

Explanation: The SYSTEM parameter specification is invalid.

Action: Selection a system(s) should specify either EXTERNAL systems or ALL system. ALL and EXTERNAL system names are mutually exclusive.

SWS4324E INVALID SYSTEM LIST SPECIFIED (ALL) IS MUTUALLY EXCLUSIVE WITH A SINGLE SYSTEM NAME

Explanation: The SYSTEM parameter specification is invalid.

Action: Selection a system(s) should specify either a single system or ALL system. ALL and a single system name are mutually exclusive.

SWS4325E INVALID SYSTEM LIST SPECIFIED (EXT) IS MUTUALLY EXCLUSIVE WITH A SINGLE SYSTEM NAME

Explanation: The SYSTEM parameter specification is invalid.

Action: Selection a system(s) should specify either a Single system or EXT system. EXT and a single system name are mutually exclusive.

SWS4326E USAGE OF SYSWAIT KEYWORD AND NOOUTPUT CREATES A CONFLICT

Explanation: The SYSWAIT & NOOUTPUT keywords are in conflict.

Action: Either use SYSWAIT or NOOUTPUT but not both.

SWS4327E CURRENT SYSTEM ID (SYSID) IS NOT DEFINED TO MSF

Explanation: The current system id is not defined as a remote system.

Action: Define the desired system name using MSF control, or check for the system name syntax.

The variable fields of the message text are:

SYSID   MSF system id

SWS4328E NO ACTIVE MSF SYSTEM FOUND

Explanation: No active MSF session found.

Action: Define the desired system name using ADDRESS OPSCTL MSF DEFINE and retry the operation.

SWS4329E ADDRESS SEF GENERATED NO OUTPUT WHEN OUT-PUT WAS REQUESTED

Explanation: Current SEF Command did not receive any output back from the remote system, when output was expected.

Action: Insure that The Connecting Cross system has the Same Level Insure that The Connecting Cross system has the Same Level of Shadow, and The Connection is still Valid.

SWS4330W SYSWAIT TIME EXCEEDED BEFORE ALL OUTPUT RECEIVED

Explanation: A cross system SEF Command did not receive the last output output message line before the cross system wait time expired. Some output may be missing.

Action: The current message may or may not indicate an error. If all messages for the command output were received, then ignore this. If some messages were not received, increase the MSFSYSWAIT parameter for Shadow.

SWS4331E SYSTEM ID SYS IS NOT AN ACTIVE MSF SYSTEM

Explanation: Address SEF cross system request is denied due to the SYSTEM ID specified is not an active system.

Action: Check the current system name specified, if the syntax is correct check and make sure that the system id is activated thru MSF.

The variable fields of the message text are:

SYS   SYSTEM name

SWS4332E CROSS SYSTEM (SYS) VERSION MISMATCH

Explanation: SEF cross system failed due to Cross system Specified is not at the Same Level as the Current SYstem.

Action: Insure that Connecting system is Running the same version of the current system.

The variable fields of the message text are:

SYS   system name

SWS4333E SYSTEM KEYWORD NOT SUPPORTED FOR DYNAMIC RULES

Explanation: SEF cross system support is not available for enablement and disablement of dynamic rules.

Action: Do not attempt to enable or disable dynamic rules on remote Shadow systems.

SWS4334E DYNAMIC RULE rule MAXIMUM RULE SIZE EXCEEDED

Explanation: Dynamic rule maximum source text size of 1 megabyte was exceeded for the rule specified.

Action: Reduce the size of the dynamic rule.

The variable fields of the message text are:

rule   Rule name

SWS4335E DYNAMIC RULE rule MAXIMUM RULE LINE SIZE EXCEEDED

Explanation: Dynamic rule maximum source text line size of 255 was exceeded for the rule specified.

Action: Reduce the line size for the dynamic rule.

The variable fields of the message text are:

rule   Rule name

SWS4337T THE TSO COMMAND IS INVALID DUE TO VAR1

Explanation: A command passed to the ADDRESS TSO or ADDRESS TSOSRV environment is invalid for the reason given. The system rejects the command with RC=-3 indicating an invalid host command environment command.

Action: Determine why the command was rejected and resubmit the command.

The variable fields of the message text are:

VAR1   Description of validation error

SWS4338I TSO REMOTE EXECUTION TIMEOUT VALUE SET TO TIMEOUT

Explanation: A GETTIMEOUT command was passed to the 'ADDRESS TSO' interface. This message is returned on the external data queue as a response.

Action: None. The timeout value is given in 100ths of seconds.

The variable fields of the message text are:

TIMEOUT   Current Timeout value in 100ths of a second

SWS4339T VAR1 COMMAND TIMED OUT

Explanation: An address 'TSO' or Address 'CGI' host command did not complete within the allowed time. The requesting routine is redispatched.

Action: Determine why the host command did not complete within the required time frame. The delay could be due to looping within the TSO/CGI command procedure, or heavy usage of the external TSO servers.

The variable fields of the message text are:

VAR1   Address Environment Name

SWS4340S SUBSYSTEM subsysid INACTIVE, MUST BE (RE)STARTED

Explanation: An address 'TSO' or address 'TSOSRV' host command has been directed to an Shadow subsystem that is not currently active.

Action: (re)start the Shadow subsystem whose subsystem id appears in the message or correct the program to specify the id of an active Shadow subsystem.

The variable fields of the message text are:

subsysid   Product subsystem id

SWS4341S TSO/E IS NOT INSTALLED

Explanation: TSO/E (IBM's program product number 5665-293) is required to support the use of Shadow.

Action: Verify that this product is available at your installation.

SWS4342E TSO COMMAND LENGTH (length) EXCEEDS MAXIMUM LENGTH (length)

Explanation: The length of the TSO command exceeds the implementation limits. Note that the length of TSO host commands sent from SEF rules to the OSF Execute Queue have a lower limit (256 bytes or the BLKSIZE on the server SYSTSIN DD statement if it is less than 256).

Action: Check if there are an excessive number of blanks in the TSO command string. If so remove the blanks from the command string. If you need to pass long values from a rule to a server REXX program, use global variables to pass the values.

The variable fields of the message text are:

length   Length of TSO command string
length   TSO command string implementation limit

SWS4343S TSO SERVICE ERROR - desc

Explanation: An error occurred in the product service routine that executes TSO commands via the TSO command service routine.

Action: Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

desc   Description of the error

SWS4344S TSO SERVICE ERROR - var1 abcd - REASON CODE rscd

Explanation: An abend occurred in the product service routine that executes TSO commands via the TSO command service routine.

Action: Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

var1	'abend code'
abcd	Abend code
rscd	Reason code

SWS4345S TSO SERVICE ERROR - desc - REASON CODE rscd

Explanation: An error was detected in the parameter list passed to the Shadow service that calls the TSO command service routine.

Action: Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

desc	Description
rscd	Reason code

SWS4346E CURRENT verb COMMAND NOT AUTHORIZED - msg

Explanation: Authorization check failed. The use of 'address OSF' is restricted by your installation security product.

Action: Contact the person at your installation who installs and maintains your installation security product.

The variable fields of the message text are:

verb	Address OSF verb
msg	Error message from authorization processing

SWS4347S ABEND abcd IN AUTHORIZATION ROUTINE mod+off

Explanation: An abend occurred in the authorization checking routine

Action: Contact the person at your installation who installs and maintains your installation security product.

The variable fields of the message text are:

abcd	Abend code
mod	Module name
off	Module offset

SWS4348S rsrce ss FAILED, RC=rc, DETECTED AT ad

Explanation: Some type of error occurred during invocation of an Shadow service routine associated with the address TSO or address OSF environment. The error occurred while attemting to set up the environ-ment for executing a TSO command via the TSO/E command service routine.

Action: Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Oth-erwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

rsrce	Resource name
ss	System service
rc	Return code

SWS4349S MESSAGE SEND TO TSO EXECUTE QUEUE FAILED, RC=rc, DETECTED AT ad

Explanation: Shadow has attempted to send a command to the TSO server execute queue in an Shadow server address space and the send has failed. if the return code in the message is 4, then the TSO execute queue is full. Any one or some combination of the following conditions may be true: 1. there may be a rule or some combination of rules that is looping. 2. there may be a loop in an application that is causing TSO commands to be issued very frequently. 3. there may be too few servers or the servers may be tied up running relatively long processes. 4. the TSO execute queue may be too small for your server workload.

Action: Review the contents of the message and any associated mes-sages and attempt to resolve the problem. If the problem cannot be resolved contact NEON Systems technical support to obtain additional assistance.

The variable fields of the message text are:

rc	Return code from the Shadow send message service

SWS4350I LOAD FOR MODULE mod FAILED, CCTL INITIALIZATION ERROR

Explanation: This message is issued if a module needed to initialize the CCTL interface to IMS could not be loaded. The message contains the module name. The module is either missing or some other error has occurred.

Action: Check if any other messages were issued. Check if the named module is in the search sequence. Note, that this problem can be resolved without restarting the main product address space.

The variable fields of the message text are:

mod   module name

SWS4351I DRA CONTROL EXIT INVALID PAPL SUBFUNCTION = code

Explanation: This message is issued when the product DRA control exit receives notification of a DRA failure, but is passed an unrecognized subfunction code.

Action: No action required. The product will attempt to restore a connection with the IMS control region. Note, that this error message may be followed by other more descriptive error messages as the product attempts to reconnect to the IMS DBCTL.

The variable fields of the message text are:

code   PAPL subfunction code

SWS4352I DRA CONTROL EXIT INVALID PAPL FUNCTION = code

Explanation: This message is issued when the product DRA control exit receives an unrecognized function code.

Action: No action required. The product will attempt to restore a connection with the IMS control region. Note, that this error message may be followed by other more descriptive error messages as the product attempts to reconnect to the IMS DBCTL.

The variable fields of the message text are:

code   PAPL function code

SWS4353I IMS CCTL SUPPORT ACTIVATED

Explanation: This message is issued when the product DRA control exit receives a notification that the connection to the IMS control region has been established successfully.

Action: No action required. This is an informational message only.

SWS4354I IMS CCTL SUPPORT TERMINATING

Explanation: This is an informational message which is issued when the product terminates it's IMS CCTL support. If the IMS CCTL support is being terminated due to a fatal error condition this message will have been preceeded by error messages which depict the exact error condition encountered.

Action: Follow the course of action recommended for the error messages which preceded this error message, and if the product CCTL support continues to terminate due to a fatal error condition, phone NEON Systems technical support for further assistance.

SWS4355I IMS CCTL CONTROL EXIT RESYNC FAILURE

Explanation: The IMS CCTL control exit has been unable to successfully process a resync request. The product IMS CCTL support is being terminated.

Action: Peruse the MVS system log for any IMS messages occurring around the time of this failure. Correct any IMS problems which may have occurred, and restart the S__ address space. If the problem continues to persist, phone NEON Systems technical support for further assistance.

SWS4356I IMS DRA TERMINATING DUE TO UNKNOWN ERROR CONDITION

Explanation: The IMS Data Resource Adaptor running inside the main product address space has terminated due to some unknown error condition. Product IMS support will be terminated.

Action: Peruse the MVS system log for any IMS messages occurring around the time of this failure. Correct any IMS problems which may have occurred, and restart the S__ address space. If the problem continues to persist, phone NEON Systems technical support for further assistance.

SWS4357I INVALID REQUEST, IMS CCTL FEATURE NOT ENABLED

Explanation: The product IMS CCTL support has not been enabled.

Action: Check the product license code string specified in the start-up initialization REXX exec to ensure that it was specified correctly. If the problem continues to persist phone NEON Systems technical support for further assistance.

SWS4358I REQUEST FAILED PRODUCT NOT IDENTIFIED TO IMS

Explanation: The product has made one or more attempts to successfully IDENTIFY itself to the IMS DBCTL region, that have failed. There currently exists no active connection between the product address space and the IMS DBCTL region.

Action: Check TRACE BROWSE for any related product messages. Check the MVS system log for any related IMS messages. Correct any IMS problems discovered. The product will continue to attempt to connect to the IMS region until a successful connection has been established.

SWS4359I PSB SCHEDULE REQUEST UNSUCCESSFUL

Explanation: The product was unable to successfully schedule the PSB specified by the client application.

Action: Check the PSB name to ensure that it is correct. If the problem continues to persist phone NEON Systems technical support for further assistance.

The variable fields of the message text are:

name   PSB name

SWS4360I REQUEST FAILED - PSB NOT IN SCHEDULED STATE

Explanation: The current request requires that a prior psb schedule attempt had completed successfully, and not active thread was found for this task.

Action: Check the program logic in the client-side application to ensure that the "CC" message was sent prior to issuing DL/I requests or the "TERM" message. If the problem continues to persist phone NEON Systems technical support for further assistance.

SWS4362I INVALID BUFFER FUNCTION CODE code

Explanation: The buffer function code passed to this routine was invalid. The host transaction program could not handle the buffer function code passed by the client.

Action: Verify that the host application requested by the client matches the current call to the host. Contact NEON Systems technical support for further assistance, if need be.

The variable fields of the message text are:

code   Buffer function code

SWS4363I PREVIOUS CCTL TERMINATION FAILED, INITIALIZATION WILL USE PREVIOUS SESSSION PAPLCTOK VALUE

Explanation: This is an informational message which is issued during product initialization when the CCTL initialization routine determines that the previous CCTL termination did not complete successfully. which depict the exact error condition encountered.

Action: No action is required, this message is for informational purposes only.

SWS4380H OE SOCKETS PORT NUMBER NOT SET - OE SOCKETS TCP/IP PROCESSING TERMINATED

Explanation: The port number for OE Sockets has not been set. OE Sockets processing using this copy of the product is not possible.

Action: The OE Sockets task of the main address space shuts down. This is not an error unless you actually did specify the OE Sockets port number in the S__xIN00 EXEC and you still get this message. Note, that other processing can still take place (VTAM based transactions will still work) even after the OE Sockets task shuts down.

SWS4381H OE SOCKETS ENVIRONMENT CONFLICT - OE SOCKETS TCP/IP PROCESSING TERMINATED

Explanation: The port number for non-OE Sockets has been set to a non-zero value. OE Sockets can not be used within the same copy of the product as non-OE Sockets.

Action: The OE Sockets task of the main address space shuts down. This is not an error unless you actually did want to use OE Sockets. Set the port number for non-OE Sockets to zero using the IBMPORTNUMBER parameter and restart the product. This will disable non-OE Sockets and allow OE Sockets to be used with the current copy of the product.

SWS4386S SSL PORT NUMBER REQUIRED - OE SOCKETS TCP/IP PROCESSING TERMINATED

Explanation: SSL processing has been requested. However, the SSL port number has not been set or has been set to zero. OE Sockets was terminated.

Action: Set the SSL port number in the initialization EXEC and restart the product. If this does not resolve the problem, contact technical support for additional assistance.

SWS4387S INVALID NETWORK MODE FOR SSL - OE SOCKETS TCP/IP PROCESSING TERMINATED

Explanation: SSL processing has been requested. However, the current Network Execution Mode does not support SSL. OE Sockets was terminated. SSL can only be used with the default Network Execution Mode (NONE) or with the TCPMAIN mode. Some other Network Execution Mode was specified.

Action: Either set the Network Execution Mode to a value that can be used with SSL or remove the request for SSL processing. The product parameter for setting the Network Execution Mode is NETMODE. The product parameter for activating SSL is SSL.

SWS4388S SSL AND NON-SSL PORTS MATCH - OE SOCKETS TCP/IP PROCESSING TERMINATED

Explanation: SSL processing has been requested. However, the SSL port number is the same as the non-SSL port number. OE Sockets was terminated.

Action: Change either the SSL or the NON-SSL port numbers and restart the product. The product parmater for setting the non-SSL port number is OEPORTNUMBER. The product parameter for setting the SSL port number is OESSLPORTNUMBER.

SWS4389S OE STACK 'oename' CAN NOT BE USED - OE SOCKETS TCP/IP PROCESSING TERMINATED

Explanation: The name of a specific OE stack was specified using the TCPNAME product parameter. However, this OE stack can not be used for some reason. OE Sockets was terminated.

Action: Correct the name of the OE stack by modifying the TCPNAME product parameter. Restart the main product address space.

The variable fields of the message text are:

oename   OE stack name

SWS4400H text

Explanation: This is a general purpose message that may or may not indicate some type of TCP/IP error.

Action: Read the message text carefully. Some messages produced under this message ID are actually error messages. If the message indicates an error. Check for any associated TCP/IP produced error messages. If you are unable to diagnose the problem contact NEON Systems for assistance.

The variable fields of the message text are:

text   the text of the message.

SWS4410E service OF desc FAILED RC=rc, DETECTED AT ad

Explanation: This is a generic error message used to describe a wide variety of message processing errors. The message text gives a description of the current operation and what the current operation was trying to do.

Action: Keep all the related error details and contact your local Shadow systems programming group for help with this problem.

The variable fields of the message text are:

service   Current operation
desc   Description
rc   Return code

SWS4411E GLOBAL VARIABLE RULE CHAINING DEPTH EXCEEDS MAXIMUM VALUE

Explanation: Global variable rule chaining has exceeded the maximum value, all pending global variable rules will not be fired. The current operation continues.

Action: If this situation has been caused by a recursive infinite global variable rule loop, modify the global variable rule to avoid this situation. If this situation is not due to a REXX programming error, increase the global variable rule chaining limit (GLVChainMax).

SWS4412E ADDRESS SPACE jb (asid) EXCEEDED MESSAGE RATE THRESHOLD - cnt

Explanation: The address space whose jobname and ASID are displayed in the message has exceeded the message generation threshold as defined by the msgthreshold product parameter.

Action: The address space defined by the jobname/ASID combination in the message text may be in a loop since it is creating a large volume of message traffic in a relatively short time span. The definition of message traffic in this context may include all of the following: WTOs/WTLs (obtained via the subsystem interface), IMS messages (obtained via the AOI exit), and dataset I/O messages (obtained via the generic dataset interface). You may create an Shadow message rule to attempt to resolve the potential loop problem.

The variable fields of the message text are:

jb	Jobname
asid	Address space identifier
cnt	Message counter value exceeding threshold

SWS4413I var1 MESSAGES SINCE THE LAST ARCHIVE. CURRENT MESSAGE NUMBER IS var2

Explanation: The number of messages added to Trace Browse since the last Trace Browse message archived has exceeded a user defined threshold.

Action: This message may be used as a trigger for starting the Trace Browse archive program based on the number of messages since the last archive rather than on a time basis using the TODARCH rule.

The variable fields of the message text are:

var1	Number of messages since last archive
var2	Current Trace Browse message sequence number

SWS4420H text

Explanation: This is a general purpose message that may or may not indicate some type of ITC/IP error.

Action: Read the message text carefully. Some messages produced under this message ID are actually error messages. If the message indicates an error. Check for any associated ITC/IP produced error messages. If you are unable to diagnose the problem contact NEON Systems for assistance.

The variable fields of the message text are:

text	the text of the message.

SWS4421H UNKNOWN service CODES - R0=r0 R15=r15

Explanation: This message reports on unknown (to S__) ITC/IP return and reason codes (R15 and R0).

Action: This may indicate some type of internal error. It is also possible that you are running a version of ITC/IP not yet supported by S__. If the version of ITC/IP that you are running DOES appear to be supported, call NEON Systems for technical assistance.

The variable fields of the message text are:

service	current operation
r0	register zero contents
r15	register fifteen contents

SWS4422H UNKNOWN service CODES - ERCD=ercd DGCD=dgcd

Explanation: This message appears in conjunction with the 4421 message.

Action: This may indicate some type of internal error. It is also possible that you are running a version of ITC/IP not yet supported by S__. If the version of ITC/IP that you are running DOES appear to be supported, call NEON Systems for technical assistance.

The variable fields of the message text are:

service	current operation
ercd	primary tpl error code
dgcd	seconday tpl diagnostic code

SWS4423H UNKNOWN service CODES - ERCD=ercd DGCD=dgcd

Explanation: This message appears in conjunction with the 4421 message.

Action: This may indicate some type of internal error. It is also possible that you are running a version of ITC/IP not yet supported by S__. If the version of ITC/IP that you are running DOES appear to be supported, call NEON Systems for technical assistance.

The variable fields of the message text are:

service	current operation
ercd	primary apcb error code
dgcd	seconday apcb diagnostic code

SWS4470S IMS CCTL FEATURE MUST BE ENABLED TO ISSUE DL/ I CALLS

Explanation: A user written RPC program attempted to issue IMS DL/ I calls. However, the IMS CCTL feature of the product was not enabled.

Action: If your installation has paid for the product IMS CCTL feature, ensure that the product license code string is specified correctly in your product initialization exec. This string may be verified by phoning NEON Systems technical support. If your installation has not paid for the product CCTL feature phone your NEON Systems account representative for additional information.

SWS4471S INVALID PSB SCHEDULE ATTEMPT - PSB ALREADY SCHEDULED

Explanation: A user written RPC program attempted to issue an IMS PCB call, in order to schedule the program's PSB. However, the program's PSB is already scheduled.

Action: correct the internal logic error in the user written RPC program and invoke the RPC program again.

SWS4472S PSB SCHEDULE FAILURE - PSB NAME = PSB

Explanation: A user written RPC program attempted to schedule the program's PSB. The PSB schedule attempt has failed.

Action: The PSB schedule may have failed for a variety of reasons. Ensure that the PSB load module is available to IMS. Ensure that the databases referenced by the PSB are available. Ensure that the PSB has not been stopped by IMS due to an earlier error. If none of the above conditions have been satisfied, check the IMS MTO log, and the MVS MCS console for any related error messages. If all attempts to schedule the PSB involved fail, contact NEON Systems technical support for further assistance.

The variable fields of the message text are:

PSB   NAME OF PSB   INVOLVED IN SCHEDULE FAILURE

SWS4473S INVALID DL/I CALL ATTEMPT - PSB NOT SCHEDULED

Explanation: A user written RPC program attempted to issue an IMS term call in order to terminate the program's PSB. However, the program's PSB was not previously scheduled.

Action: correct the internal logic error in the user written RPC program and invoke the RPC program again.

SWS4500U desc INITIAL GETMAIN FAILED - INCREASE STORAGE SIZE

Explanation: Insufficient storage - The product was unable to obtain enough storage to allocate the initial program stack.

Action: Check the ABEND code to determine if the region size should be increased. Increase the region size if necessary, and restart the product.

The variable fields of the message text are:

desc   description

SWS4501U desc UNABLE TO LOCATE THE MASTER BLOCK

Explanation: A subtask was unable to locate the product control blocks and was forced to terminate. The services provided by the subtask will not be available.

Action: Check the error messages and the return code associated with this problem. There may be one or more abend error messages referring to the current problem. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

desc   description

SWS4502H process SUBTASK IS ACTIVE

Explanation: This is the standard subtask initialization message.

Action: This is not an error message and no action is required.

The variable fields of the message text are:

process   process name

SWS4503S ESTAE service ERROR RC=rc

Explanation: The subtask driver attempted to create an ESTAE recovery environment. The ESTAE macro failed.

Action: Check the error messages and the return code associated with this problem. There may be one or more ESTAE error messages referring to the current problem. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

service   current operation, create or delete ESTAE
rc   return code

SWS4504E rsrce ss FAILED, RC=rc, DETECTED AT ad

Explanation: Some type of error occurred in the system management routines of the product. See the actual text of the message for an explanation. The error was probably caused by a failure in an operating system service requested by a product system management routine.

Action: Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

rsrce	resource name
ss	system service
rc	return code

SWS4505H ABEND abcd IN func mod+off

Explanation: The subtask driver routine detected an ABEND in the routine called by the driver. The message text provides the ABEND code, current operation, and ABEND location. This failure may have been caused by a programming error in the routine that caused the subtask exit to get control or in the subtask exit routine itself. This failure can also be caused by product installation and maintenance errors.

Action: Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

abcd	ABEND code
func	current function
mod	module name
off	module offset

SWS4506H process SUBTASK TERMINATING

Explanation: This is the standard subtask execution completed message.

Action: This is not an error message and no action is required.

The variable fields of the message text are:

process   process name

SWS4507E SUBTASK TERMINATING, RC=rc

Explanation: This message is issued when the subtask driver module terminates due to an error.

Action: Check if any other error messages were generated along with the error message above. If the combined error messages are sufficient to explain the problem, take whatever corrective action is appropriate. Otherwise, call NEON Systems technical support for assistance with this problem.

The variable fields of the message text are:

rc   return code

SWS4508H OPATMD - SUBTASK name ; obj value

Explanation: This message is only issued when the product in in debugging mode.

Action: No action required. Informational only.

The variable fields of the message text are:

name   subtask name
obj   object name
value   object value

SWS4601I var1

Explanation: This message contains the first of each 2-line response to the TSOSRV_LIST command. Each 2-line response group shows the status of the TSO server and the command being executed.

Action: None.

The variable fields of the message text are:

var1   Status information for this TSO server

SWS4602I var1

Explanation: This message contains the second of each 2-line response to the TSOSRV_LIST command. Each 2-line response group shows the status of the TSO server and the command being executed.

Action: None.

The variable fields of the message text are:

var1   Command being executed or 'N/A'

SWS4603I SERVER var1 POSTED FOR TERMINATION

Explanation: The TSOSRV_STOP command has posted the server for termination.

Action: None.

The variable fields of the message text are:

var1   ASID of server posted for termination

SWS4604I SERVER POSTED TO FREE TSSD AT var1

Explanation: The TSOSRV_FREE command has posted the server for release of the TSSD.

Action: None.

The variable fields of the message text are:

var1   ADDR of TSSD to be freed

SWS4605I var1

Explanation: The TSOSRV_QUEUE command returns information using this message.

Action: None.

The variable fields of the message text are:

var1   Status of TSO Server Execute Queues

SWS4606E ADDRESS SEF TSOSRV_STOP var1: ASID NOT SERVER ADDRESS SPACE

Explanation: An invalid hex ASID was specified on an "STOP" command.

Action: Correct the ASID and reissue the "TSOSRV_STOP" command.

The variable fields of the message text are:

var1   ASID specified.

SWS4607S var1 OF var2 FAILED, RC=rc

Explanation: The specified function failed within the ADDRESS SEF host command environment.

Action: Determine from the message text what function failed and review the return codes for the failed function. Contact your local Shadow systems programming group assistance.

The variable fields of the message text are:

var1   Function code string.
var2   Queue name (or queue type).
rc   Return code.

SWS4608E ADDRESS SEF TSOSRV_FREE var1: ADDRESS NOT THAT OF A TSSD

Explanation: An invalid address was specified on the "FREE" command.

Action: Correct the address and reissue the "TSOSRV_FREE" command.

The variable fields of the message text are:

var1   Invalid address.

SWS4609I var1

Explanation: The TSOSRV_EXECSTATS command returns information using this message.

Action: None.

The variable fields of the message text are:

var1   Execution stats for TSO Servers

SWS4612H jb HAS RESET THE TSO SERVER COMMAND EXECU-TION QUEUE

Explanation: A TSOSRV_RESETQ command was issued from the specified job.

Action: The TSO Server command queue is cleared.

SWS4650E UNABLE TO OBTAIN STG BYTES BELOW THE LINE

Explanation: "ADDRESS LINKMVS" is required to obtain storage below the 16MB line to hold both parameters and a register save area to be passed to the requested program. If this storage cannot be obtained, host command processing is terminated.

Action: Batch jobs must be rerun with a larger below the line region size. TSO users must logon with a larger region size and reissue the command.

The variable fields of the message text are:

STG   Requested storage area size

SWS4680T ENCLAVE SET RC=VAR1 FOR CALL CODE VAR2 (VAR3) - VAR4

Explanation: While attempting to invoke a High-level Lanaguage subroutine via the MVS Language Environment CEEPIPI interface module, an error has occurred. This message logs the error. This message may be followed by message 4681 for subroutine invocations.

Action: The HLL subroutine is not called and the product's LE/370 enclave may be terminated as indicated by other messages. Determine the cause of the error, if possible using other messages logged and correct; or contact NEON's technical support group.

The variable fields of the message text are:

VAR1	The CEEPIPI return code value
VAR2	The CEEPIPI invocation calling code value
VAR3	The CEEPIPI invocation call type
VAR4	Failure message specific to call type

SWS4681T ROUTINE INVOKED WAS VAR1 - VAR2

Explanation: This message follows the 4680 message when a subroutine invocation was underway. The subroutine CEEPIPI table index value and its external name are reported.

Action: See message 4680.

The variable fields of the message text are:

VAR1	The CEEPIPI subroutine table index code
VAR2	The external subroutine name

SWS4682T ROUTINE RC=VAR1 REASON=VAR2 ENCLAVE FEED-BACK(VAR3 VAR4 VAR5)

Explanation: This message follows the 4681 message and reports the subroutines return code, reason code and the LE/370 enclave feedback codes.

Action: See message 4680.

The variable fields of the message text are:

VAR1	Subroutine return code
VAR2	Subroutine reason code
VAR3	Enclave feedback code 1
VAR4	Enclave feedback code 2
VAR5	Enclave feedback code 3

SWS4683T ENCLAVE MGR CANNOT REENTER SUPERVISOR STATE

Explanation: Following a call the the LE/370 CEEPIPI routine, normal supervisor state operation of the enclave manager cannot be restored.

Action: Contact technical support

SWS4684T ENCLAVE ABENDED CONDITION CODE=VAR1, REA-SON=VAR2 FOR CALL CODE VAR3 (VAR4) - VAR5

Explanation: While attempting to invoke a High-level Lanaguage sub-routine via the MVS Language Environment CEEPIPI interface module, an abend was intercepted. This message logs the error. This message may be followed by message 4681 for subroutine invocations.

Action: The HLL subroutine is not called and the product's LE/370 enclave may be terminated as indicated by other messages. Determine the cause of the error, if possible using other messages logged and cor-rect; or contact NEON's technical support group.

The variable fields of the message text are:

VAR1	The ABEND condition code value
VAR2	The ABEND reason code value
VAR3	The CEEPIPI invocation calling code value
VAR4	The CEEPIPI invocation call type
VAR5	Failure message specific to call type

SWS4685T VAR1 PLIST ERROR VAR2 - VAR3 (VAR4)

Explanation: While attempting to invoke a High-level Lanaguage call-back routine, the callback routine detected an parameter list validation error. This message logs the reason for the plist validation error.

Action: An invalid-plist return code is set by the API function and return is made to the HLL program. Contact NEON's technical support group for assistance with this error.

The variable fields of the message text are:

VAR1	The INTERNAL-USE-ONLY API being invoked
VAR2	Reason for plist validation error
VAR3	Value of PLIST pointer word
VAR4	Data pointed to by PLIST pointer

SWS4686S VAR1

Explanation: A severe error message was logged to the trace by a High-level-language component of the main product. The message is also logged to the operator console using this messge ID.

Action: See contents of message and trace surrounding this condition and correct the problem. Contact NEON's technical support group for assistance with this error.

The variable fields of the message text are:

VAR1   Message text logged by HLL component

SWS4700T '%1' MODEL QUEUE NAME NOT SET - '%2' USED AS MODEL QUEUE

Explanation: The name fo the model queue for this qmanager instance has not been set. The default model queue will be used if possible.

Action: The MQ task will attempt to open the queue using the default model queue.

SWS4702T '%1' INPUT QUEUE NAME NOT SET - '%1' PROCESSING TERMINATED

Explanation: The name fo the input queue for this qmanager instance has not been set. The default input queue will be used if possible.

Action: The MQ task will attempt to open the queue using the default input queue.

SWS4704H UNKNOWN service CODES - RE=re RC=rc

Explanation: This message reports on unknown (to S__) IBM/MQ return and reason codes.

Action: This may indicate some type of internal error. It is also possible that you are running a version of IBM/MQ not yet supported by S__. If the version of IBM/MQ that you are running DOES appear to be supported, call NEON Systems for technical assistance.

The variable fields of the message text are:

service   current operation
re   reason code contents
rc   return code contents

SWS4706H text

Explanation: This is a general purpose message that may or may not indicate some type of IBM/MQ error.

Action: Read the message text carefully. Some messages produced under this message ID are actually error messages. If the message indicates an error. Check for any associated IBM/MQ produced error messages. If you are unable to diagnose the problem contact NEON Systems for assistance.

The variable fields of the message text are:

text   the text of the message.

SWS4750T IDCAMS SYSPRINT: text

Explanation: The IDCAMS utility has generated SYSPRINT output. The output line is given in the message text. IDCAMS has been invoked using the product's S_RXID interface.

Action: None. The message gives the text of a SYSPRINT line generated by the IDCAMS utility.

The variable fields of the message text are:

text   the text of the message.

SWS4751T IDCAMS WARNING: text

Explanation: The IDCAMS utility has generated SYSPRINT output. The output line is given in the message text. IDCAMS has been invoked using the product's S_RXID interface. The message is issued in response to an IDCxxxx message condition detected by IDCAMS.

Action: None. The message gives the text of a SYSPRINT line generated by the IDCAMS utility.

The variable fields of the message text are:

text   the text of the message.

SWS4752T IDCAMS SYSIN: text

Explanation: The IDCAMS utility is about to be invoked by the S_RXID REXX interface program. This message traces the command text which will be passed to the IDCAMS utility.

Action: None. The message gives the command text which will be presented to IDCAMS.

The variable fields of the message text are:

text   the text of the message.

SWS4753T IDCAMS RESULTS: Lastcc=VAR1 CompCode=VAR2 ReasCode=VAR3

Explanation: The IDCAMS utility has completed. This message reports the LastCC, completion and reason codes.

Action: None. The message reports the completion codes at the end of the IDCAMS request.

The variable fields of the message text are:

VAR1   IDCAMS LASTCC from the commnd
VAR2   IDCAMS System completion code
VAR3   IDCAMS Reason code

SWS4800E DYNALLOC VAR1 VAR2 - ABEND - COND=VAR3 REA-SON=VAR4

Explanation: A DYNALLOC request failed due to an ABEND.

Action: The request fails. Check for other messages which might indicate the cause of the failure.

The variable fields of the message text are:

VAR1	Type of DYNALLOC Request
VAR2	DDNAME or DSNAME of dataset
VAR3	ABEND CONDITION CODE
VAR4	ABEND REASON CODE

SWS4801H 'VAR1' COMMAND (ISSUED INTERNALLY) REJECTED - ANOTHER VAR2 REQUEST IS ALREADY RUNNING

Explanation: An internally generated SEF command cannot be scheduled at the present time, because the system allows only one request of this type to be processed at once.

Action: The system rejects the request and continues to process the inflight request. Normally, this message would be issued, infrequently, only in certain "race" conditions. If this message is issued frequently, contact customer support for advice on turning Server start-up parameters.

The variable fields of the message text are:

VAR1	Command Text
VAR2	General class of like requests

SWS4802H ABEND CC(var1) REASON(var2) IN var3+var4 WHILE PROCESSING 'var5' COMMAND ISSUED BY var6

Explanation: An SEF command service processing subtask abended while processing the indicated command.

Action: Check for other messages which might indicate the cause of this failure.

The variable fields of the message text are:

var1	ABEND Condition code
var2	ABEND Reason code
var3	Module Name
var4	Module Offset
var5	SEF Command being processed, if known
var6	Requestor's Userid, if known

SWS4803E 'var1' COMMAND FROM var2 FAILED - RC = var3 var4 var5

Explanation: The SEF command service processing routine has ended with an error. The message reports the command being processed, the requesting MVS Userid, the service return code and any ABEND condition code encountered.

Action: Check this and other messages to isolate the cause of the failure.

The variable fields of the message text are:

var1	Service Command processed
var2	Userid of requestor
var3	Service Overall Return Code
var4	Description of abend
var5	Abend completion code

SWS4804E TRACE BROWSE ARCHIVING DISBLED BECAUSE BROWSEMAX(var1) VALUE IS LESS THAN THE MINIMUM(var2) ALLOWED

Explanation: Trace browse archive support has been turned off because the trace must contain at least the minimum number of messages given.

Action: When too few messages are supported in the trace, it can wrap-around before archives of the trace can be created. The message indicates that the current trace contains so few messages this is likely to occur. Increase the BROWSEMAX start-up parameter value to at least the mini-mum amount. Note that the minimum given is only a rough estimate and may be entirely insufficient to guarantee that wrap-around will not occur.

The variable fields of the message text are:

var1	current BROWSEMAX parameter value
var2	Minimum BROWSEMAX value allowed

SWS4805H BROWSEARCHIVECOUNT PARAMETER HAS BEEN SET TO var1 - WAS BELOW MINIMUM (var2) ALLOWED

Explanation: Trace browse archive support has been turned on, but the BROWSEARCHIVECOUNT parameter was not set or set too low.

Action: The system recalculates the BROWSEARCHIVECOUNT value as one-third the BROWSEMAX value.

The variable fields of the message text are:

var1	current BROWSEARCHIVECOUNT value
var2	Minimum value allowed by the system

SWS4806H BROWSEARCHIVECOUNT PARAMETER HAS BEEN SET TO var1 - WAS ABOVE MAXIMUM (var2) ALLOWED

Explanation: Trace browse archive support has been turned on, but the BROWSEARCHIVECOUNT parameter was set too high.

Action: The system recalculates the BROWSEARCHIVECOUNT value as one-third the BROWSEMAX value.

The variable fields of the message text are:

var1   current BROWSEARCHIVECOUNT value
var2   Maximum value allowed by the system

SWS4807H BROWSEARCHIVECUSHION PARAMETER HAS BEEN SET TO var1

Explanation: Trace browse archive support has been turned on, but the BROWSEARCHIVELEAD prameter was set too high or too low.

Action: The system resets the BROWSEARCHIVELEAD value as indicated, which is the minimum allowed value.

The variable fields of the message text are:

var1   current BROWSEARCHIVELEAD value

SWS4808S ARCHIVE BACKUP IS UNDER STRESS - var1 MES-SAGES CAN BE LOGGED BEFORE OVERLAY

Explanation: An archive backup of the trace cannot currently be sched-uled because one is already underway. Wrap-around trace recording has entered the final range of messsages and a wrap-around will occur unless the previous archive completes in time for a new one to be scheduled.

Action: The system continues to monitor the status, either deleting this message when the condition is corrected or escalating the severity if a wrap-around actually occurs. If some process is inhibiting the completion of archive backup processing in a timely manner, correct the problem. Consider that the trace size (BROWSEMAX), and/or the archive control parameters (BROWSEARCHIVECOUNT and BROWSEARCHIVE-LEAD) may need to be enlarged.

The variable fields of the message text are:

var1   current BROWSEARCHIVECOUNT value

SWS4809S TRACE BROWSE IN OVERLAY MODE - UNARCHIVED RECORDS ARE BEING OVERWRITTEN

Explanation: The trace log has wrapped around and un-archived mes-sages are now being overwritten. This message replaces the 4808 mes-sage if a stress condition is not relieved.

Action: The system continues operating and monitoring conditions. This message is deleted if a new archive backup can be complete which relieves the overall stress condition; however, the overlaid records cannot be recovered.

SWS4810H TRACE 'BACKUP ARCHIVE' COMMAND SHOULD BE EXTERNALLY SCHEDULED

Explanation: The BROWSEARCHIVE option is set to "MESSAGE", and the system has detected that a backup archive of the trace should now be created.

Action: The system issues this message, and takes no other action. You should immediately schedule an archive backup operation.

SWS4811H TRACE 'ARCHIVE BACKUP' IS BEING AUTOMATICALLY REQUESTED

Explanation: The BROWSEARCHIVE option is set to "AUTO" and the trace subtask is requesting a BACKUP-type ARCHIVE of the selected messages.

Action: The ARCHIVE request is scheduled by the SEF subtask for asynchronous execution.

The variable fields of the message text are:

var1	Current BROWSEARCHIVECOUNT value
var2	1st MSGNO to be incorporated into archive

SWS4812E SEF INTERFACE SET RC=var1 FOR 'var2' COMMAND REQUEST ISSUED BY var3

Explanation: An internally generated SEF command was not scheduled due to an unexpected error in the command processing interface routines.

Action: The SEF command is not scheduled. The command requestor continues.

The variable fields of the message text are:

var1	Return code set by SEF command interface
var2	Command issued
var3	Requestor information

SWS4813I 'VAR1' COMMAND CANNOT BE SCHEDULED AT THIS TIME - A SIMILAR REQUEST IS ALREADY RUNNING

Explanation: An ARCHIVE request has been made, but processing of the request cannot be scheduled at this time, because a previous request of the same type has not yet completed. The system allows, at most, only ONE archive backup/cleanup task to run, and, at most, only ONE user requested archive extract.

Action: None. Resubmit the request once the previous request has completed.

The variable fields of the message text are:

VAR1	ARCHIVE command text

SWS4814I 'VAR1' COMMAND CANNOT BE SCHEDULED AT THIS TIME - ALL SEF SERVICE SUBTASKS ARE BUSY

Explanation: An ARCHIVE request has been made, but processing of the request cannot be scheduled at this time, because a subtask is not available to service the request.

Action: None. Resubmit the request once a subtask is free

The variable fields of the message text are:

VAR1   ARCHIVE command text

SWS4815I SEF SERVICE TASK, VAR1, ATTACHED FOR 'VAR2' - REQUESTED BY VAR3-VAR4

Explanation: An asynchronous SEF service subtask has been attached for processing of a long-running command.

Action: None.

The variable fields of the message text are:

VAR1   Service task name
VAR2   SEF command
VAR3   Command requestor's MVS Userid
VAR4   Origin of command request

SWS4816I Running: EFTK VAR1 Routine VAR2 TCB VAR3 Userid VAR4 UType VAR5 ECB VAR6 CMD VAR7

Explanation: An ARCHIVE STATUS request has been issued. This message is part of the response.

Action: None.

The variable fields of the message text are:

VAR1   EFTK control block address
VAR2   Subtask routine name
VAR3   TCB Address
VAR4   Requestor Userid
VAR5   Request origin type
VAR6   Task termination ECB contents
VAR7   Command being processed

SWS4817I Trace: CurrentMsg VAR1 LastArchived VAR2 LastTriggered VAR3 DSName VAR4 CTLS VAR5 %6

Explanation: An ARCHIVE STATUS request has been issued. This message is part of the response.

Action: None.

The variable fields of the message text are:

VAR1	Hi message in trace
VAR2	Last message number successfully backed up
VAR3	Message which caused last backup
VAR4	Internal control word 1
VAR5	Internal control word 2

SWS4818E PROCESSING OF 'VAR1' COMMAND BY VAR2 SUBTASK TERMINATED BY E-O-T - RC=VAR3

Explanation: An asychronous command procedure subtask has terminated unexpectedly while processing an SEF command. This message is sent to the requestor as notification of the failure.

Action: Check for other messages which indicate the cause of the unexpected termination.

The variable fields of the message text are:

VAR1	Command being processed
VAR2	Subtask name
VAR3	Return code for the command request

SWS4819T SERVICE SUBTASK VAR1 COMPLETED PROCESSING OF 'VAR2' COMMAND SENT BY VAR3 - RC=VAR4

Explanation: An asychronous command procedure subtask has terminated.

Action: None.

The variable fields of the message text are:

VAR1	Subtask name
VAR2	Command
VAR3	Requesting Userid
VAR4	End-of-task handler return code

SWS4820E PROCESSING OF 'VAR1' COMMAND BY VAR2 SUB-TASK TERMINATED BY PRODUCT SHUTDOWN - RC=VAR3

Explanation: An asychronous command procedure subtask was terminated forcibly by product shutdown. This message is sent to the requestor as notification of the shutdown.

Action: None.

The variable fields of the message text are:

VAR1	Command being processed
VAR2	Subtask name
VAR3	Return code for the command request

SWS4821T SERVICE SUBTASK VAR1 FORCIBLY DETACHED AT SHUTDOWN - 'VAR2' COMMAND SENT BY VAR3 - RC=VAR4

Explanation: An asychronous command procedure subtask has forcibly detached during shutdown because it did not quickly enough terminate operation voluntarily.

Action: None.

The variable fields of the message text are:

VAR1	Subtask name
VAR2	Command
VAR3	Requesting Userid
VAR4	End-of-task handler return code

SWS4822H 'ARCHIVE BACKUP' PROCESSOR HAS BEEN ATTACHED AS AN SEF SERVICE SUBTASK

Explanation: A backup-type archive of the trace browse data has been requested. The processor service routine has now been attached. Additional status and completion messsages will be logged to report the results of the backup operation.

Action: None.

SWS4823H ARCHIVE FILE: DSN='VAR1', FIRSTMSG=VAR2, LAST-MSG=VAR3, COUNT=VAR4

Explanation: A new archive dataset has been sucessfully created. This messages logs the DS name, the first and last message recorded in the archive and the count of messages.

Action: None.

The variable fields of the message text are:

VAR1	Output Dataset name
VAR2	First Message number in output
VAR3	Last Message number in output
VAR4	Message allocation count

SWS4824H VAR1 MESSAGES BEGINNING AT NUMBER VAR2 CANNOT BE BACKED UP DUE TO TRACE WRAP-AROUND

Explanation: A backup-type archive of the trace browse data has been scheduled. The indicates range of messages cannot be backed because they have been or shortly will be overlaid by wrap-around within the trace.

Action: Processing continues. Check and adjust the BROWSEMAX, BROWSEARCHIVECOUNT and BROWSEARCHIVECUSHION parameters to ensure that the trace does not wrap around without allowing backup operations to complete. This message is NORMAL if you activate automatic archives against an existing trace file which has been in use for some time.

The variable fields of the message text are:

VAR1	Messages skipped
VAR2	First relative message number skipped

SWS4825H NO WORK TO DO - ARCHIVE STARTING MESSAGE = VAR1 - ENDING MESSAGE = VAR2

Explanation: A backup-type archive of the trace browse data has been scheduled. There are no messages which can currently be backed up within the range allowed by the BROWSEARCHIVECUSHION value.

Action: Processing ends. Check and adjust the BROWSEMAX, BROWSEARCHIVECOUNT and BROWSEARCHIVECUSHION parameters to ensure that the trace does not wrap around without allowing backup operations to complete; Or explicitly request an "ARCHIVE BACKUP,TOEND" operation to bypass processing of the storage cushion value.

The variable fields of the message text are:

VAR1	First Message to be backed up
VAR2	Last message to be backed up

SWS4826W ARCHIVE PROCESSING ABORTED DUE TO SUB-SYSTEM OR SEF TERMINATION REQUEST

Explanation: An archive process is being aborted because either sub-system shutdown is underway, or SEF has requested early termination of the procedure.

Action: Processing ends as quickly as possible. Some resource cleanpu may be deferred until subsystem restart.

SWS4827I VAR1

Explanation: The S_ARCHIV REXX procedure was executed while performing an archive allocation or cleanup service. The REXX routine produced trace or SAY messages.

Action: The messages proceduced by S_ARCHIV are logged by this message.

The variable fields of the message text are:

VAR1	Data line from SYSTSPRT

SWS4828E VAR1 REXX PROCEDURE RETURNED INVALID/INCOR-RECT RESULT FOR ARCHIVE DATASET VAR2 REQUEST

Explanation: The S_ARCHIV REXX procedure was executed but not return a result, or the result returned was formatted improperly. The REXX procedure is assumed to have failed.

Action: The current archive-related operation is terminated.

The variable fields of the message text are:

VAR1	REXX procedure name
VAR2	Call type for REXX procedure

SWS4829E VAR1 REXX PROCEDURE FAILED FOR VAR2 REQUEST - ROUTINE SET RETURN CODE TO VAR3

Explanation: The S_ARCHIV REXX procedure was executed but returned with a failure return code value set.

Action: The current archive-related operation is terminated.

The variable fields of the message text are:

VAR1	REXX procedure name
VAR2	Call type for REXX procedure
VAR3	Return code set by REXX

SWS4830E VAR1 REXX PROCEDURE FAILED TO RETURN DATASET NAME FOR VAR2 REQUEST

Explanation: The S_ARCHIV REXX procedure was executed but returned without passing back an MVS dataset name, as required for the sub-function request.

Action: The current archive-related operation is terminated.

The variable fields of the message text are:

VAR1	REXX procedure name
VAR2	Call type for REXX procedure

SWS4831E DYNALLOC FAILURE - RC=VAR1 ERROR=VAR2 REA-SON=VAR3 VAR4 VAR5 VAR6

Explanation: Dynanamic allocation failure occurred while building an archive of the trace browse. The archival process terminates.

Action: Check other messages indicating the cause of the failure.

The variable fields of the message text are:

VAR1	DYNALLOC return code
VAR2	DYNALLOC Error Code
VAR3	DYNALLOC Info Code
VAR4	Description of Dynalloc operation
VAR5	Description of Dynalloc Operation
VAR6	Description of dynalloc operation

SWS4832H ALLOCATED: DDN=VAR1, DSN='VAR2' - FOR ARCHIVE OUTPUT

Explanation: A DD name allocation was made for an archive output linear dataset. Archive processing continues.

Action: None

The variable fields of the message text are:

VAR1	DDNAME
VAR2	VSAM LINEAR OUTPUT ARCHIVE DATASET NAME

SWS4833H LDS 'VAR1' CREATED FOR 'VAR2' COMMAND ISSUED BY VAR3

Explanation: An archive backup or extract procedure caused a new VSAM linear dataset for output. The actual IDCAMS definition was performed by the S_ARCHIV REXX routine, in SYSEXEC. This message logs the new cluster name.

Action: None

The variable fields of the message text are:

VAR1	New DIV dataset name
VAR2	Archive command being processed
VAR3	Userid of service requestor

SWS4834S service OF desc FAILED, RC=rc

Explanation: This is a generic error message used to describe a wide variety of archive dataset initialization and termination errors. The message text provides the current operation and what the current operation was trying to do.

Action: Check the error messages and the return code associated with this problem. there may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems to obtain additional assistance.

The variable fields of the message text are:

service	current operation, GETMAIN, FREEMAIN, ATTACH etc.
desc	description
rc	return code

SWS4835S service OF dataset FAILED, RC=rc, REASON CODE=rscd

Explanation: This error message describes errors that occurred during archive initialization, execution or termination, while using the DIV (Data In Virtual) system service. The return codes and reason codes from the DIV macro are documented in the MVS/ESA application development macro reference.

Action: Check the DIV return and reason codes associated with this problem. There may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems to obtain additional assistance.

The variable fields of the message text are:

service	DIV service (e.g. DIV IDENTIFY etc.)
dataset	dataset (e.g. trace dataset)
rc	return code
rscd	reason code

SWS4836S service OF dataset FAILED, ABEND=abcd, REASON CODE=rscd

Explanation: This error message describes an abend that occurred during archive initialization, execution or termination, while using the DIV (data in virtual) system service. the ABEND codes and reason codes from the DIV macro are documented in the MVS/ESA Application Development Macro Reference.

Action: Check the DIV ABEND and reason codes associated with this problem. There may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems to obtain additional assistance.

The variable fields of the message text are:

service	DIV service (e.g. DIV IDENTIFY etc.)
dataset	dataset (e.g. trace dataset)
abcd	abend code
rscd	reason code

SWS4837S POSSIBLE SHORTAGE OF STORAGE, size BYTES REQUIRED TO BUILD ARCHIVE OUTPUT DATASET

Explanation: This is a follow on message to S__4834 when a GETMAIN has failed. This message indicates the size, in bytes, of the area requested by the GETMAIN.

Action: If the GETMAIN return code indicates insufficient storage to complete the GETMAIN request, please increase your available storage, above the 16-meg line, by the indicated amount.

The variable fields of the message text are:

size	size of storage requested

SWS4838H DEALLOCATED: DDN=VAR1, DSN='VAR2' - FOR ARCHIVE OUTPUT

Explanation: A DD name deallocation was processed for an archive dataset

Action: None

The variable fields of the message text are:

VAR1	DDNAME
VAR2	VSAM LINEAR OUTPUT ARCHIVE DATASET NAME

SWS4839W ARCHIVE FILE: VAR1 INVALID/OVERLAID MESSAGES DETECTED DUR EXECUTION

Explanation: While the archive dataset was created messages were detected which had been overlaid or were otherwise invalid.

Action: None.

The variable fields of the message text are:

VAR1	Count of overlaid/invalid messages found

SWS4840H CLEARARCHIVERECOVERY PARAMETER SET TO YES - IN-FLIGHT ARCHIVE VAR1 INFORMATION BEING CLEARED

Explanation: During subsystem startup, the CLEARARCHIVERE-COVERY parameter is set. In-flight recovery information will be deleted for the indicated archive type.

Action: None. Recovery information is cleared unconditionally.

The variable fields of the message text are:

VAR1	Type of archive which was in-flight

SWS4841H CLEARED BACKUP RECOVERY INFO - OUTDSN=VAR1 MSGSTART=VAR2 MSGCOUNT=VAR3 LASTARCH=VAR4

Explanation: This message follows S___4840 and logs the recovery information which is being cleared.

Action: None.

The variable fields of the message text are:

VAR1	Archive dataset name
VAR2	Starting message to be archive
VAR3	Message count to be archived
VAR4	Highest message number previously archived

SWS4842H CLEARED EXTRACT RECOVERY INFO - OUT-DSN=VAR1 MSGSTART=VAR2MSGCOUNT=VAR3 FORUSER=VAR4

Explanation: This message follows S___4840 and logs the recovery information which is being cleared.

Action: None.

The variable fields of the message text are:

VAR1	Archive dataset name
VAR2	Starting message to be archive
VAR3	Message count to be archived
VAR4	User who requested the extract archive

SWS4843I 'var1' COMMAND FROM var2 COMPLETED SUCCESS-FULLY

Explanation: The SEF command service processing routine has ended with successfully.

Action: None.

The variable fields of the message text are:

var1	Service Command processed
var2	Userid of requestor

SWS4844H ARCHIVE BACKUP OF TRACE HAS SUCCESSFULLY COMPLETED

Explanation: A checkpointing-type backup of the trace browse has completed sucessfullly.

Action: None.

SWS4845H TRACE: CURRENT MESSAGE IS var1 - var2 MESSAGES SINCE LAST ARCHIVE

Explanation: Trace browse archiving in enabled. This message is produced just before an archive request is generated.

Action: None.

The variable fields of the message text are:

var1	Highest Message No. now in trace
var2	Messages added to trace singe last archive

SWS4846H TRACE: LAST MESSAGE ARCHIVED WAS var1 - LAST REQUESTED FOR MESSAGE var2

Explanation: Trace browse archiving in enabled. This message is produced just before an archive request is generated.

Action: None.

The variable fields of the message text are:

var1	Last message successfully archived
var2	Msgno when last archive requested

SWS4847I 'VAR1' CMD NOT SCHEDULED - DUPLICATE %2 CMD RECOVERY NOT COMPLETED

Explanation: An SEF service request cannnot be processed because internal controls indicate an already in-flight operation, HOWEVER, no subtask is currently processing the request. This can occur when certain commands fail and require a separate recovery procedure to be scheduled. For brief moments, a "race" condition may occur, and the recovery command has priority.

Action: Wait until the previous process to be recovered. If the condition persists, manually request recovery.

The variable fields of the message text are:

VAR1   Command text

SWS4848H 'VAR1' CMD NOT SCHEDULED - DUPLICATE %2 CMD RECOVERY NOT COMPLETED

Explanation: See message S__4847. This message is hard-copied for internally issued requests. ,

Action: See message S__4847.

The variable fields of the message text are:

VAR1   Command text

SWS4849I Parameters: Option VAR1 Count VAR2 Cushion VAR3

Explanation: An ARCHIVE STATUS request has been issued. This message is part of the response.

Action: None.

The variable fields of the message text are:

VAR1   BROWSEARCHIVE parameter value
VAR2   BROWSEARCHIVECOUNT parameter value
VAR3   BROWSEARCHIVECUSHION parameter value

SWS4850I VAR1 Type VAR2 User VAR3 Startmsg VAR4 Msgcount VAR5 DSName VAR6

Explanation: An ARCHIVE STATUS request has been issued. This message is part of the response.

Action: None.

The variable fields of the message text are:

VAR1	Description of info
VAR2	Archive type
VAR3	Requestor
VAR4	Start Msg
VAR5	Msg Count
VAR6	Output DSN

SWS4854E THE DIV OBJECT, VAR1, CANNOT BE MAPPED - THE VERSION CODE (%1) IS BACKLEVEL AND INCOMPATIBLE

Explanation: The archive dataset review request cannot be serviced because DIV reports one size for the object, but LISTCAT reports another.

Action: Contact NEON technical support

The variable fields of the message text are:

VAR1	Archive dataset name
VAR2	Hi-used-rba reported by LISTCAT
VAR3	Object byte size calculated from page count

SWS4855E THE DIV OBJECT, VAR1, CANNOT BE MAPPED - THE HI-USED-RBA VAR2 IS LESS THAN THE DIV-ACCESS PAGE COUNT VAR3 RETURN VALUE

Explanation: The archive dataset review request cannot be serviced because DIV reports one size for the object, but LISTCAT reports another.

Action: Contact NEON technical support

The variable fields of the message text are:

VAR1	Archive dataset name
VAR2	Hi-used-rba reported by LISTCAT
VAR3	Object byte size calculated from page count

SWS4856E THE DIV OBJECT, VAR1, CANNOT BE MAPPED - THE DATASET CONTROL AREA (BOST) IS INVALID

Explanation: The archive dataset review request cannot be serviced because the first page of the linear dataset object does not contain required control information.

Action: The probable cause is that you are attempting to review an archive dataset which is still being created or which was not closed properly.

The variable fields of the message text are:

VAR1	Archive dataset name

SWS4857E THE DIV OBJECT, VAR1, CANNOT BE MAPPED - THE DATASET CONTROL AREA SIZE INFORMATION (VAR2/VAR3) DOES NOT MATCH THE DIV OPEN STATS (VAR4/VAR5)

Explanation: The archive dataset review request cannot be serviced because the first page of the linear dataset object does not contain control information which matches the size information retunred by DIV.

Action: The probable cause is that you are attempting to review an archive dataset which is still being created or which was not closed properly.

The variable fields of the message text are:

VAR1	Archive dataset name
VAR2	Control area size of DIV in bytes
VAR3	Control area size of DIV in pages
VAR4	DIV open time size in bytes
VAR5	DIV open time size in pages

SWS4858E THE DIV OBJECT, VAR1, CANNOT BE MAPPED - THE DATASET CONTROL AREA VAR2 POINTER (VAR3) IS INVALID VAR4/VAR5

Explanation: The archive dataset review request cannot be serviced because the first page of the linear dataset object does not contain control information which is structurally correct.

Action: The probable cause is that you are attempting to review an archive dataset which is still being created or which was not closed properly.

The variable fields of the message text are:

VAR1	Archive dataset name
VAR2	Pointer name
VAR3	Pointer value
VAR4	Base pointer
VAR5	Message count

SWS4859I ARCHIVE RESET COMMAND ISSUED BY VAR1 HAS CHANGE LAST-ARCHIVED MESSAGE FROM VAR2 TO VAR3

Explanation: An archive reset command has been processed

Action: None.

The variable fields of the message text are:

VAR1	Userid who issued the command
VAR2	Previous last-archive message number
VAR3	New last-archived message number

SWS4860T ARCHIVE FILE: DSN='VAR1', FIRSTMSG=VAR2, LAST-MSG=VAR3, COUNT=VAR4

Explanation: A new archive dataset has been sucessfully created. This messages logs the DS name, the first and last message recorded in the archive and the count of messages. This message is a duplicate of 4823 used for tracing.

Action: None.

The variable fields of the message text are:

VAR1	Output Dataset name
VAR2	First Message number in output
VAR3	Last Message number in output
VAR4	Message allocation count

SWS4861I VAR1

Explanation: An ARCHIVE STATUS request has been issued. This message is part of the response. This message is repeated 1 to 8 times. The server constructs a model IDCAMS "Define Cluster" statement using configured parameters. You can review this statement to ensure that configuration parameters are set correctly. The statement reported in this message is used to define archive backup files.

Action: None.

The variable fields of the message text are:

VAR1	IDCAMS define cluster statement model

SWS4862I VAR1

Explanation: An ARCHIVE STATUS request has been issued. This message is part of the response. This message is repeated 1 to 8 times. The server constructs a model IDCAMS "Define Cluster" statement using configured parameters. You can review this statement to ensure that configuration parameters are set correctly. The statement reported in this message is used to define archive extract files.

Action: None.

The variable fields of the message text are:

VAR1	IDCAMS define cluster statement model

SWS4863I VAR1 VAR2 VAR3 VAR4 VAR5

Explanation: An ARCHIVE STATUS request has been issued. This message is part of the response. This message reports the output dataset allocation related parameter values set for building archive BACKUP datasets.

Action: None.

The variable fields of the message text are:

VAR1	ARCHIVEDSNPREFIX parameter setting
VAR2	ARCHIVEDATACLASS parameter setting
VAR3	ARCHIVEMGMTCLASS parameter setting
VAR4	ARCHIVESTORCLASS parameter setting
VAR5	ARCHIVEDEFCLPARMS parameter setting

SWS4864I VAR1 VAR2 VAR3 VAR4 VAR5

Explanation: An ARCHIVE STATUS request has been issued. This message is part of the response. This message reports the output dataset allocation related parameter values set for building archive EXTRACT datasets.

Action: None.

The variable fields of the message text are:

VAR1	EXTRACTDSNPREFIX parameter setting
VAR2	EXTRACTDATACLASS parameter setting
VAR3	EXTRACTMGMTCLASS parameter setting
VAR4	EXTRACTSTORCLASS parameter setting
VAR5	EXTRACTDEFCLPARMS parameter setting

SWS4865E TRACE BROWSE ARCHIVING DISBLED BECAUSE 'ARCHIVEDSNPREFIX' PARAMETER IS NOT SET

Explanation: Trace browse archive support has been turned off because the an output dataset name prefix parameter, ARCHIVEDSNPREFIX, is not set. A dataset name prefix is required.

Action: Note that you review and possibly set values for the following archive dataset allocation related parameters: ARCHIVEDSNPREFIX, ARCHIVEDATACLASS, ARCHIVEMGMTCLASS, ARCHIVESTOR-CLASS, and ARCHIVEDEFCLPARMS.

SWS4866E VAR1 OF ARCHIVE OUTPUT DATASET FAILED DUE TO 'VAR1'

Explanation: Allocation of a new archive backup or extract file failed or deletion during cleanup for a failed archive failed. For allocation failures, the reason may be that runtime parameters used to generate IDCAMS 'DEFINE CLUSTER' statements are not set properly.

Action: The current archive-related operation is terminated.

The variable fields of the message text are:

VAR1	ALLOCATION or DELETION
VAR1	Reason why operation failed

SWS4867E IDCAMS UTILITY LASTCC=VAR1 --- ABEND CONDITION VAR2, REASON VAR3 - SYSPRINT FOLLOWS

Explanation: This message follows 4866 when an idcams DEFINE CLUSTER or DELETE CLUSTER statement failed to be processed through the IDCAMS utility. The SYSPRINT output of the IDCAMS utiltity, if any, follows this message.

Action: The current archive-related operation is terminated.

The variable fields of the message text are:

VAR1	IDCAMS utility LASTCC value
VAR2	ABEND condition code, or zero
VAR3	ABEND reason code, or zero

SWS4868E IDCAMS SYSPRINT: VAR1

Explanation: This message follows 4867 when an idcams DEFINE CLUSTER or DELETE CLUSTER statement failed to be processed through the IDCAMS utility. The SYSPRINT output of the IDCAMS utiltity are reported in the message.

Action: The current archive-related operation is terminated.

The variable fields of the message text are:

VAR1	IDCAMS utility sysprint output line(s)

SWS4869E TRACE BROWSE EXTRACTS DISBLED BECAUSE 'EXTRACTDSNPREFIX' PARAMETER IS NOT SET

Explanation: Trace browse extract support has been turned off because the an output dataset name prefix parameter, EXTRACTDSNPREFIX, is not set. A dataset name prefix is required.

Action: Note that you review and possibly set values for the following extract dataset allocation related parameters: EXTRACTDSNPREFIX, EXTRACTDATACLASS, EXTRACTMGMTCLASS, EXTRACT-STORCLASS, and EXTRACTDEFCLPARMS.

SWS4870E VAR1 VAR2 - ABEND - CODE=VAR3 REASON=VAR4

Explanation: An application programming interface request abended

Action: The request fails. Check for other messages which might indicate the cause of the failure.

The variable fields of the message text are:

VAR1	Type of request
VAR2	Request function
VAR3	Abend code
VAR4	Abend reason code

SWS4871S AUTOMATIC ARCHIVAL OF TRACE SUSPENDED DUE TO PREVIOUS ERROR - CORRECT PROBLEM AND ISSUE "ARCHIVE CLEANUP"

Explanation: An archive backup operation has failed with an error requiring intervention. Such a condition exists if, for example, the IDCAMS allocation parameters are not configured properly. Any new attempt to automatically schedule an archive will likely fail until action is taken to correct the problem.

Action: Examine the console hardcopy log and the trace browse, itself, to determine why the previous automatic backup operation has failed. Correct the situation. Once the cause of the failure has been corrected, issue an "ARCHIVE CLEANUP" command via the SEF interface to reset the in-flight failure indicators. You can issue this command using the ISPF 7.5 application.

SWS5000S MESSAGE NUMBER val IS NOT DEFINED

Explanation: This message is issued whenever an undefined message number is encountered.

Action: This probably indicates a product internal error. Call NEON Systems technical support.

The variable fields of the message text are:

val	message number specified

SWS5001S obj IS AN INVALID %PX OBJECT

Explanation: You have tried to DEFINE/MODIFY an unknown S__ object.

Action: Correct the DEFINE/MODIFY command and rerun.

The variable fields of the message text are:

obj   the name of the unknown S__ object

SWS5002S cmd IS AN INVALID %PX COMMAND

Explanation: The command you have coded is unknown to ADDRESS S__.

Action: Enter a correct S__ command and rerun.

The variable fields of the message text are:

cmd   the command that was entered.

SWS5003S key IS AN INVALID KEYWORD

Explanation: This keyword is not part of any S__ command.

Action: Recode the S__ command and rerun.

The variable fields of the message text are:

key   the erroneous keyword.

SWS5004S THE key KEYWORD IS MISSING

Explanation: The indicated keyword is required but was not coded.

Action: Recode the S__ command using the keyword, and rerun.

The variable fields of the message text are:

key   the keyword that is missing.

SWS5005S val IS NOT A VALID VALUE FOR THE key KEYWORD

Explanation: The value you have coded is not valid for this keyword.

Action: Recode the value and rerun the S__ command.

The variable fields of the message text are:

val	the invalid value.
key	the name of the keyword.

SWS5006S key IS ONLY VALID FOR TYPE = type

Explanation: The keyword indicated is not valid for the given value of the type keyword.

Action: Remove the erroneous keyword (or change the type) and rerun the command.

The variable fields of the message text are:

key	the name of the erroneous keyword.
type	the type for which the keyword is valid.

SWS5007S LINK host ALREADY EXISTS

Explanation: The indicated link has already been defined.

Action: Determine which definition is correct and rerun.

The variable fields of the message text are:

host	the value of the host keyword.

SWS5008U OPRXPC TERMINATED WITH SEVERE ERROR RC = rc

Explanation: An internal component of ADDRESS S__ has failed.

Action: Contact NEON Systems technical support.

The variable fields of the message text are:

rc	OPRXPC return code.

SWS5009S MODIFY CONTAINS FIELDS NOT SUPPORTED BY LINK TYPE

Explanation: You cannot modify fields that are undefined for this type of link.

Action: Remove the keywords in error and rerun the command.

SWS5010E HOST = host DOES NOT EXIST

Explanation: The link defined by host is not yet defined and therefore cannot be modified.

Action: Either define the link, or remove the MODIFY.

The variable fields of the message text are:

host   the value of the host keyword.

SWS5011S obj DISPLAY FAILED WITH RC = rc

Explanation: The display of the object failed severely.

Action: There is probably some sort of internal error. Call NEON Systems technical support.

The variable fields of the message text are:

obj   the name of the object being displayed
rc   the OPRXPC module return code

SWS5012S key CONTAINS A QUOTE AND QUOTES ARE NOT PER-MITTED

Explanation: S__ keywords do not require or permit quotes.

Action: Remove the quote marks and rerun.

The variable fields of the message text are:

key   the keyword where quotes where found

SWS5013S %PX SUBSYSTEM subsys IS NOT ACTIVE

Explanation: The indicated subsystem is not running. The ADDRESS S__ host environment command cannot be processed.

Action: Start the subsystem (or use the SUBSYS command to identify another subsystem) and rerun the command.

The variable fields of the message text are:

subsys   the name of the subsystem to be used

SWS5014S subsys IS AN INVALID SUBSYSTEM NAME

Explanation: The subsystem name coded is not valid.

Action: Subsystem names must begin with an alpha (a-z) character; all other characters can be alphanumeric; and the name can only be 4 characters long.

The variable fields of the message text are:

subsys   the erroneous subsystem name

SWS5015E DATABASE database IS ALREADY DEFINED

Explanation: The indicated database has already been defined.

Action: Determine which definition is correct and rerun.

The variable fields of the message text are:

database   Database subsystem name

SWS5016E DATABASE = database DOES NOT EXIST

Explanation: The database defined by name is not yet defined and therefore cannot be modified.

Action: Either define the database, or remove the modify.

The variable fields of the message text are:

database   Database subsystem name

SWS5017S pana IS NOT A VALID PRODUCT PARAMETER NAME

Explanation: The parameter name is not a valid, recognized product parameter.

Action: Correct the paramter name and rerun.

The variable fields of the message text are:

pana   the parm name

SWS5018S val IS NOT A VALID VALUE FOR pana

Explanation: The parm value is not valid for this parameter.

Action: Correct the value and rerun.

The variable fields of the message text are:

val   the erroneous parm value
pana   the parm name

SWS5019E subsys IS A DB2 DATABASE SUBSYSTEM

Explanation: The database subsystem can not be defined because the subsystem is an actual DB2 subsystem.

Action: Change the database subsystem name and rerun.

The variable fields of the message text are:

subsys   the name of the subsystem to be used

SWS5020E ANOTHER COPY OF THE PRODUCT USES DATABASE SUBSYSTEM NAME subsys

Explanation: The database subsystem can not be defined because another copy of the product is using the database subsystem.

Action: Change the database subsystem name and rerun.

The variable fields of the message text are:

subsys   the name of the subsystem to be used

SWS5021E DATABASE SUBSYSTEM subsys COULD NOT BE CRE-ATED

Explanation: The database subsystem control blocks could not be created.

Action: Fix any related errors and rerun.

The variable fields of the message text are:

subsys   the name of the subsystem to be used

SWS5022E ANOTHER PRODUCT USES DATABASE SUBSYSTEM NAME subsys

Explanation: The database subsystem can not be defined because another product is using the database subsystem.

Action: Change the database subsystem name and rerun.

The variable fields of the message text are:

subsys   the name of the subsystem to be used

SWS5023E CONNECTION val IS ALREADY DEFINED

Explanation: The indicated connection has already been defined.

Action: Determine which definition is correct and rerun.

The variable fields of the message text are:

val   the value of the name keyword

SWS5024E SESSION val IS ALREADY DEFINED

Explanation: The indicated session has already been defined.

Action: Determine which definition is correct and rerun.

The variable fields of the message text are:

val   the value of the name keyword

SWS5025I DDNAME %1 IS NOT ALLOCATED TO PRODUCT ADDRESS SPACE

Explanation: The indicated ddname is not allocated to the product address space.

Action: The attempt to define the file fails. Add a DD statement to the product start-up JCL for the indicated file and restart the product.

SWS6000T ENTER MODULE CSECT

Explanation: This diagnostic trace message is issued to indicate that control has entered a particular product module.

Action: This is an informational message, no action is required. However if diagnostic tracing has been turned on at the request of NEON Systems technical support, please call for further instructions.

The variable fields of the message text are:

CSECT   CSECT name

SWS6003T MATCHING SSCT LOCATED FOR SUBSYSTEM ssid

Explanation: This diagnostic trace message is issued in response to being able to locate a SSCT that matches the subsystem name that was extracted.

Action: This is an informational message, no action is required. However if diagnostic tracing has been turned on at the request of NEON Systems technical support, please call for further instructions.

The variable fields of the message text are:

ssid   subsystem identifier

SWS6004T TRANSFERRING CONTROL TO MODULE DSNECP00

Explanation: This diagnostic trace message is issued just prior to transferring control to the IBM supplied DSN command. It has been determined that the current DSN command session is bound for a copy of DB2 whose connection is not being managed by the product.

Action: This is an informational message, no action is required. However if diagnostic tracing has been turned on at the request of NEON Systems technical support, please call for further instructions.

SWS6007T PRIOR TO LINKING TO OPDSN10 SUBCOMMAND HANDLER

Explanation: This diagnostic trace message is issued just prior to linking to OPDSN10, the subcommand handler.

Action: This is an informational message, no action is required. However if diagnostic tracing has been turned on at the request of NEON Systems technical support, please call for further instructions.

SWS6008T RETURN FROM LINKING TO OPDSN10 SUBCOMMAND HANDLER

Explanation: This diagnostic trace message is issued on return from linking to OPDSN10, the subcommand handler.

Action: This is an informational message, no action is required. However if diagnostic tracing has been turned on at the request of NEON Systems technical support, please call for further instructions.

SWS6009T PRIOR TO ATTACHING OPDSN10 SUBCOMMAND HANDLER

Explanation: This diagnostic trace message is issued just prior to attaching OPDSN10, the subcommand handler.

Action: This is an informational message, no action is required. However if diagnostic tracing has been turned on at the request of NEON Systems technical support, please call for further instructions.

SWS6010T RETURN FROM ATTACHING OPDSN10 SUBCOMMAND HANDLER

Explanation: This diagnostic trace message is issued upon returning from attaching OPDSN10, the subcommand handler.

Action: This is an informational message, no action is required. However if diagnostic tracing has been turned on at the request of NEON Systems technical support, please call for further instructions.

SWS6011T OPDSN10 SUBCOMMAND HANDLER DETACHED SUCCESSFULLY

Explanation: This diagnostic trace message is issued upon successfully detaching OPDSN10, the subcommand handler.

Action: This is an informational message, no action is required. However if diagnostic tracing has been turned on at the request of NEON Systems technical support, please call for further instructions.

SWS6013T EXITING MODULE CSECT

Explanation: This diagnostic trace message is issued just prior to exiting the module named in the diagnostic trace message.

Action: This is an informational message, no action is required. However if diagnostic tracing has been turned on at the request of NEON Systems technical support, please call for further instructions.

The variable fields of the message text are:

CSECT   CSECT name

SWS6014T OPDSN10 STAX EXIT SUCCESSFULLY ESTABLISHED

Explanation: This diagnostic trace message is issued following successfully establishing the STAX exit for module OPDSN10.

Action: This is an informational message, no action is required. However if diagnostic tracing has been turned on at the request of NEON Systems technical support, please call for further instructions.

SWS6015T OPDSN10 STAX EXIT SUCCESSFULLY REMOVED

Explanation: This diagnostic trace message is issued following successfully removing the STAX exit for module OPDSN10.

Action: This is an informational message, no action is required. However if diagnostic tracing has been turned on at the request of NEON Systems technical support, please call for further instructions.

SWS6016T VALID SUBCOMMAND cmd ACCEPTED

Explanation: This diagnostic trace message is issued following determining that the subcommand entered by the user is one of the set of valid subcommands supported by module OPDSN10.

Action: This is an informational message, no action is required. However if diagnostic tracing has been turned on at the request of NEON Systems technical support, please call for further instructions.

The variable fields of the message text are:

cmd   subcommand entered

SWS6017T UNRECOGNIZED SUBCOMMAND ASSUME TSO COMMAND cmd

Explanation: This diagnostic trace message is issued following determining that the subcommand entered by the user is neither one of the set of valid subcommands supported by OPDSN10 nor is it one of the set of TSO commands that are not supported by OPDSN10.

Action: This is an informational message, no action is required. However if diagnostic tracing has been turned on at the request of NEON Systems technical support, please call for further instructions.

The variable fields of the message text are:

cmd   subcommand entered

SWS6018T PRIOR TO LINKING TO TSO COMMAND cmd

Explanation: This diagnostic trace message is issued just prior to linking to the TSO command specified as a DSN subcommand.

Action: This is an informational message, no action is required. However if diagnostic tracing has been turned on at the request of NEON Systems technical support, please call for further instructions.

The variable fields of the message text are:

cmd   subcommand entered

SWS6019T RETURN FROM LINKING TO TSO COMMAND cmd

Explanation: This diagnostic trace message is issued on return from linking to the TSO command specified as a DSN subcommand.

Action: This is an informational message, no action is required. However if diagnostic tracing has been turned on at the request of NEON Systems technical support, please call for further instructions.

The variable fields of the message text are:

cmd   subcommand entered

SWS6020T PRIOR TO ATTACHING TSO COMMAND cmd

Explanation: This diagnostic trace message is issued just prior to attaching the TSO command specified as a DSN subcommand.

Action: This is an informational message, no action is required. However if diagnostic tracing has been turned on at the request of NEON Systems technical support, please call for further instructions.

The variable fields of the message text are:

cmd   subcommand entered

SWS6021T RETURN FROM ATTACHING TSO COMMAND cmd

Explanation: This diagnostic trace message is issued upon returning from attaching the TSO command specified as a DSN subcommand.

Action: This is an informational message, no action is required. However if diagnostic tracing has been turned on at the request of NEON Systems technical support, please call for further instructions.

The variable fields of the message text are:

cmd   subcommand entered

SWS6022T SUCCESSFUL DETACH TSO COMMAND cmd

Explanation: This diagnostic trace message is issued upon successfully detaching the TSO command specified as a DSN subcommand.

Action: This is an informational message, no action is required. However if diagnostic tracing has been turned on at the request of NEON Systems technical support, please call for further instructions.

The variable fields of the message text are:

cmd   TSO command name

SWS6023T SUCCESSFULLY ALLOCATED DATASET dsn

Explanation: This diagnostic trace message is issued upon successfully allocating the dataset specified on the LIBRARY() parameter of the RUN subcommand.

Action: This is an informational message, no action is required. However if diagnostic tracing has been turned on at the request of NEON Systems technical support, please call for further instructions.

The variable fields of the message text are:

dsn   dataset name from LIBRARY() parameter

SWS6024T SUCCESSFULLY DEALLOCATED DATASET dsn

Explanation: This diagnostic trace message is issued upon successfully deallocating the dataset specified on the LIBRARY() parameter of the RUN subcommand.

Action: This is an informational message, no action is required. However if diagnostic tracing has been turned on at the request of NEON Systems technical support, please call for further instructions.

The variable fields of the message text are:

dsn   dataset name from LIBRARY() parameter

SWS6025T RUN SUBCOMMAND BUFFER PARSED SUCCESS-FULLY

Explanation: This diagnostic trace message is issued upon successfully parsing the RUN subcommand buffer.

Action: This is an informational message, no action is required. However if diagnostic tracing has been turned on at the request of NEON Systems technical support, please call for further instructions.

SWS6026T LIBRARY : dsn

Explanation: This diagnostic trace message is issued in order to present the interpreted library specification.

Action: This is an informational message, no action is required. However if diagnostic tracing has been turned on at the request of NEON Systems technical support, please call for further instructions.

The variable fields of the message text are:

dsn   dataset name from LIBRARY() parameter

SWS6027T PLANID : pln

Explanation: This diagnostic trace message is issued in order to present the interpreted plan specification.

Action: This is an informational message, no action is required. However if diagnostic tracing has been turned on at the request of NEON Systems technical support, please call for further instructions.

The variable fields of the message text are:

pln   plan name from PLAN() parameter

SWS6028T PROGRAM : pgm

Explanation: This diagnostic trace message is issued in order to present the interpreted program specification.

Action: This is an informational message, no action is required. however if diagnostic tracing has been turned on at the request of NEON Systems technical support, please call for further instructions.

The variable fields of the message text are:

pgm   program name from PROGRAM() parameter

SWS6029T CP : val

Explanation: This diagnostic trace message is issued in order to present a yes/no value depicting whether the CP parm was or was not specified.

Action: This is an informational message, no action is required. However if diagnostic tracing has been turned on at the request of NEON Systems technical support, please call for further instructions.

The variable fields of the message text are:

val   (YES/NO) indicates whether CP parm was or was not specified.

SWS6030T PARMS : val

Explanation: This diagnostic trace message is issued in order to present a yes/no value depicting whether the PARMS() parameter was or was not specified.

Action: This is an informational message, no action is required. However if diagnostic tracing has been turned on at the request of NEON Systems technical support, please call for further instructions.

The variable fields of the message text are:

val   (YES/NO) indicates whether PARMS() parm was or was not specified.

SWS6031T BEFORE IDENTIFY DB2 CALL

Explanation: This diagnostic trace message is issued prior to processing the DB2 identify request.

Action: This is an informational message, no action is required. However if diagnostic tracing has been turned on at the request of NEON Systems technical support, please call for further instructions.

SWS6032T AFTER IDENTIFY DB2 CALL

Explanation: This diagnostic trace message is issued following processing the DB2 identify request.

Action: This is an informational message, no action is required. However if diagnostic tracing has been turned on at the request of NEON Systems technical support, please call for further instructions.

SWS6033T BEFORE CREATE THREAD DB2 CALL

Explanation: This diagnostic trace message is issued prior to processing the DB2 create thread request.

Action: This is an informational message, no action is required. However if diagnostic tracing has been turned on at the request of NEON Systems technical support, please call for further instructions.

SWS6034T AFTER CREATE THREAD DB2 CALL

Explanation: This diagnostic trace message is issued following processing the DB2 create thread request.

Action: This is an informational message, no action is required. However if diagnostic tracing has been turned on at the request of NEON Systems technical support, please call for further instructions.

SWS6037T BEFORE TERMINATE DB2 CALL

Explanation: This diagnostic trace message is issued prior to processing the terminate DB2 request.

Action: This is an informational message, no action is required. However if diagnostic tracing has been turned on at the request of NEON Systems technical support, please call for further instructions.

SWS6038T AFTER TERMINATE DB2 CALL

Explanation: This diagnostic trace message is issued following processing the terminate DB2 request.

Action: This is an informational message, no action is required. However if diagnostic tracing has been turned on at the request of NEON Systems technical support, please call for further instructions.

SWS6039T PRIOR TO LINKING TO PROGRAM pgm

Explanation: This diagnostic trace message is issued just prior to linking to the program specified on the PROGRAM() parameter of the RUN subcommand.

Action: This is an informational message, no action is required. However if diagnostic tracing has been turned on at the request of NEON Systems technical support, please call for further instructions.

The variable fields of the message text are:

pgm   program name

SWS6040T RETURN FROM LINKING TO PROGRAM pgm

Explanation: This diagnostic trace message is issued on return from linking to the program specified on the PROGRAM() parameter of the RUN subcommand.

Action: This is an informational message, no action is required. However if diagnostic tracing has been turned on at the request of NEON Systems technical support, please call for further instructions.

The variable fields of the message text are:

pgm   program name

SWS6041T APPLICATION PROGRAM FAILED WITH ABEND CODE abcd

Explanation: This diagnostic trace message is issued if the application program fails with any type of abend code. This message is generated both when the application program is attached and when it is linked to.

Action: This is an informational message, no action is required. However if diagnostic tracing has been turned on at the request of NEON Systems technical support, please call for further instructions.

The variable fields of the message text are:

abcd   abend code

SWS7000I SYNTAX ERROR: UNMATCHED PARENTHESIS

Explanation: The command used to invoke the system function was coded incorrectly. Unbalanced parentheses were found in the input command, which consequently could not be understood and processed.

Action: Reenter the corrected command.

SWS7001I SYNTAX ERROR: UNMATCHED QUOTATION MARK OR APOSTROPH

Explanation: The command used to invoke the system function was coded incorrectly. A string literal was not enclosed within matching quotation marks or apostrophes.

Action: Reenter the corrected command.

SWS7002I SYNTAX ERROR: INSUFFICIENT STORAGE FOR PARSING THE COMMAND (REC)

Explanation: The command used to invoke the system function could not be parsed because insufficient storage exists for the command parser.

Action: If the reason code is "1", increase the storage size of the region and re-submit the command request. For reason code "2", ensure that the command was correctly entered. If you are unable to correct the problem contact NEON Systems technical support.

The variable fields of the message text are:

REC   Reason code

SWS7003I SYNTAX ERROR: INVALID HEX LITERAL

Explanation: The command used to invoke the system function could not be parsed because it contains an incorrectly formatted hexadecimal literal. The hex literal contains more than 8 hex digits or contains an invalid digit.

Action: Reenter the corrected command.

SWS7004I SYNTAX ERROR: EXTRANEOUS OR UNDEFINED INPUT AT 'TOKEN

Explanation: The command used to invoke the system function could not be parsed because it contains extraneous undefined operands or duplicate keyword operands.

Action: Reenter the corrected command.

The variable fields of the message text are:

TOKEN   Token which is extraneous or undefined

SWS7005I SYNTAX ERROR: POSITIONAL PARAM. PANO OF PARM - ERRDESC

Explanation: The command used to invoke the system function could not be parsed because it contains an error in a positional parameter. The full text of the message explains which parameter number of what portion of the command. It also contains an explanation as to why the parameter is invalid.

Action: Reenter the corrected command.

The variable fields of the message text are:

PANO   Parameter number relative to origin
PARM   Keyword parameter name or "Command"
ERRDESC   Reason why parameter is invalid

SWS7006I SYNTAX ERROR: REQUIRED KEYWORD KEY - MISSING

Explanation: The required keyword was not entered on the command line.

Action: Reenter the corrected command.

The variable fields of the message text are:

KEY   Keyword

SWS7007I SYNTAX ERROR: REQUIRED KEYWORD MISSING - MUST BE ON

Explanation: A required keyword was not entered on the command line.

Action: Reenter the corrected command.

SWS7008I KEY

Explanation: This message lists the keywords from which a choice must be made.

Action: Reenter the corrected command.

The variable fields of the message text are:

KEY   Keyword

SWS7009I SYNTAX ERROR: OPERAND OF KEY IS INVALID OR MISSING

Explanation: The operand coded for the indicated keyword is not valid or was omitted.

Action: Reenter the corrected command.

The variable fields of the message text are:

KEY   Keyword

SWS7010I SYNTAX ERROR: VAR1

Explanation: The input was invalid for the reason indicated in the message.

Action: Reenter the corrected command.

The variable fields of the message text are:

VAR1   Reason why input is invalid

SWS7050T VARIABLE var (value) SET TO "%3"

Explanation: This message is used to trace the variable values which have been parsed from an in-bound http transaction header.

Action: None

The variable fields of the message text are:

var	REXX or other variable name
value	value of variable

SWS7075T DUPLICATE ASXB ENQUEUE DETECTED FOR TASK CNID var1

Explanation: This message is used to trace a logic error detected in the ASXB cleanup routine. Cleanup processing continues.

Action: Contact technical support.

The variable fields of the message text are:

var1	The unique subtask "CNID" value for the task detecting the error.

SWS7076T ASXB CHECK ERROR - TRACE INFO var1 var2 var3 var4 var5

Explanation: This message is used to trace a logic error artifact information. Cleanup processing continues.

Action: Contact technical support.

The variable fields of the message text are:

var1	The unique subtask "CNID" value for the last task to modify the asxb fields.
var2	code address where last modification made.
var3	Acee address last inserted in asxb.
var4	Userid last inserted into asxb.
var5	trace flags.

SWS7077T ASXB FIELD var1 BEING RESET FROM var2 TO var3 BY var4

Explanation: This message is used to trace a logic error recovery of asxb information fields. Cleanup processing continues.

Action: Contact technical support.

The variable fields of the message text are:

var1	The ASXB control block field name.
var2	Value currently in ASXB block.
var3	Recovery value being restored.
var4	Procedure driving recovery cleanup.

SWS7101T Error 01 @(var1/var2) - Too many nested HTML Extension delimiter pairs on this source line.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1	Line number in source file where error found
var2	Offset in source line where error detected

SWS7102T Error 02 @(var1/var2) - Un-matched <%% delimiter in source line.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1	Line number in source file where error found
var2	Offset in source line where error detected

SWS7103T Error 03 @(var1/var2) - Too many tokens, or tokens invalid in statement.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1	Line number in source file where error found
var2	Offset in source line where error detected

SWS7104T Error 04 @(var1/var2) - Un-identified or invalid HTML extension statement.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1	Line number in source file where error found
var2	Offset in source line where error detected

SWS7105T Error 05 @(var1/var2) - This statement type must be on a line with no other non-blank text.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1	Line number in source file where error found
var2	Offset in source line where error detected

SWS7106T Error 06 @(var1/var2) - Invalid token or label precedes statement operation keyword.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1	Line number in source file where error found
var2	Offset in source line where error detected

SWS7107T Error 07 @(var1/var2) - Invalid statement label syntax.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1	Line number in source file where error found
var2	Offset in source line where error detected

SWS7108T Error 08 @(var1/var2) - Too many operands for statement type.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1	Line number in source file where error found
var2	Offset in source line where error detected

SWS7109T Error 09 @(var1/var2) - Too few operands for statement type.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1	Line number in source file where error found
var2	Offset in source line where error detected

SWS7110T Error 10 @(var1/var2) - Invalid EXIT statement operand value.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1	Line number in source file where error found
var2	Offset in source line where error detected

SWS7111T Error 11 @(var1/var2) - Invalid keyword specified - not ADVANCE or NOADVANCE.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1	Line number in source file where error found
var2	Offset in source line where error detected

SWS7112T Error 12 @(var1/var2) - Invalid condition name for IF statement operand two.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1	Line number in source file where error found
var2	Offset in source line where error detected

SWS7113T Error 13 @(var1/var2) - Variable name symbol too long - maximum name size is 50 characters.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1	Line number in source file where error found
var2	Offset in source line where error detected

SWS7114T Error 14 @(var1/var2) - Number of nested IF/ENDIF statement pairs exceeds compiler maximum.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1	Line number in source file where error found
var2	Offset in source line where error detected

SWS7115T Error 15 @(var1/var2) - ELSE without preceding IF statement.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1	Line number in source file where error found
var2	Offset in source line where error detected

SWS7116T Error 16 @(var1/var2) - Duplicate ELSE statements for current IF/ENDIF pair.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1	Line number in source file where error found
var2	Offset in source line where error detected

SWS7117T Error 17 @(var1/var2) - ENDIF not preceded by IF statement.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1	Line number in source file where error found
var2	Offset in source line where error detected

SWS7118T Error 18 @(var1/var2) - Nested DO/ENDDO groups exceeds compiler maximum nesting levels.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1	Line number in source file where error found
var2	Offset in source line where error detected

SWS7119T Error 19 @(var1/var2) - Statement should only appear within DO/ENDDO statement group.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1	Line number in source file where error found
var2	Offset in source line where error detected

SWS7120T Error 20 @(var1/var2) - Label name not defined by any preceding DO statement.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1	Line number in source file where error found
var2	Offset in source line where error detected

SWS7121T Error 21 @(var1/var2) - Number of LEAVE statements exceeds compiler maximums.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1	Line number in source file where error found
var2	Offset in source line where error detected

SWS7122T Error 22 @(var1/var2) - Duplicate DO statement label name defined.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1	Line number in source file where error found
var2	Offset in source line where error detected

SWS7123T Error 23 @(var1/var2) - Label not defined in source file

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1	Line number in source file where error found
var2	Offset in source line where error detected

SWS7124T Error 24 @(var1/var2) - Compiler maximum for label names within a source file exceeded.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1	Line number in source file where error found
var2	Offset in source line where error detected

SWS7125T Error 25 @(var1/var2) - One or more referenced statement labels are undefined in source file.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1	Line number in source file where error found
var2	Offset in source line where error detected

SWS7126T Error 26 @(var1/var2) - Compiler area overflow - source file too complex.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1	Line number in source file where error found
var2	Offset in source line where error detected

SWS7127T Error 27 @(var1/var2) - One or more IF statements has no matching ENDIF.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1   Line number in source file where error found
var2   Offset in source line where error detected

SWS7128T Error 28 @(var1/var2) - One or more DO statements has no matching ENDDO.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1   Line number in source file where error found
var2   Offset in source line where error detected

SWS7129T Error 29 @(var1/var2) - Additional errors were detected in source file - first 5 reported.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1   Line number in source file where error found
var2   Offset in source line where error detected

SWS7130T Error 30 @(var1/var2) - Invalid SWSINFO() pseudo-function operand value.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1	Line number in source file where error found
var2	Offset in source line where error detected

SWS7131T Error 31 @(var1/var2) - HTXINDEX. stem syntax invalid.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1	Line number in source file where error found
var2	Offset in source line where error detected

SWS7132T Error 32 @(var1/var2) - For 'HTXINDEX.Label' - the 'Label' name is not defined.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1	Line number in source file where error found
var2	Offset in source line where error detected

SWS7133T Error 33 @(var1/var2) - Invalid SWSPARM() pseudo-functionoperand value.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1	Line number in source file where error found
var2	Offset in source line where error detected

SWS7134T Error 34 @(var1/var2) - Invalid TOUPPER() pseudo-functionoperand value.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1	Line number in source file where error found
var2	Offset in source line where error detected

SWS7135T Error 35 @(var1/var2) - Nested RULE statements are not allowed.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1	Line number in source file where error found
var2	Offset in source line where error detected

SWS7136T Error 36 @(var1/var2) - An unmatched /RULE statement was encountered.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1	Line number in source file where error found
var2	Offset in source line where error detected

SWS7137T Error 37 @(var1/var2) - Storage allocation failure during RULE processing.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1	Line number in source file where error found
var2	Offset in source line where error detected

SWS7138T Error 38 @(var1/var2) - One or more RULE statements has no matching /RULE.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1	Line number in source file where error found
var2	Offset in source line where error detected

SWS7139T Error 39 @(var1/var2) - Enablement failed for embedded RULE.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1	Line number in source file where error found
var2	Offset in source line where error detected

SWS7140T Error 40 @(var1/var2) - /*FILE sections are not allowed within embedded RULEs.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1	Line number in source file where error found
var2	Offset in source line where error detected

SWS7141T Error 41 @(var1/var2) - DATE(?) operand invalid or not specified.

Explanation: A syntax error was detected in the DATE(?) HTML Extension function. Refer to the documentation for the correct options.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1	Line number in source file where error found
var2	Offset in source line where error detected

SWS7142T Error 42 @(var1/var2) - TIME(?) operand invalid or not specified.

Explanation: A syntax error was detected in the TIME(?) HTML Extension function. Refer to the documentation for the correct options.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1   Line number in source file where error found
var2   Offset in source line where error detected

SWS7143T Error 43 @(var1/var2) - Embedded RULEs cannot be empty.

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1   Line number in source file where error found
var2   Offset in source line where error detected

SWS7144T Error 44 @(var1/var2) - Target of ASSIGNMENT must be L-Value

Explanation: A syntax error was detected while a text file was scanned for HTML Extension statements. The source file line number and offset within the line where the error was found is noted in the message. The target of an assignment statement must be a valid L-Value. That is, either a variable name or a complex expression which can evaluate at runtime to the name of a variable.

Action: Examine the source file and correct the HTML extension statement syntax error.

The variable fields of the message text are:

var1	Line number in source file where error found
var2	Offset in source line where error detected

SWS7150T /*UTILITY STMT - var1 (var2)

Explanation: During event procedure enablement, a /*UTILITY section was not enabled due to the error given.

Action: Correct the error and re-enable the event procedure.

The variable fields of the message text are:

var1	Error text
var2	Function code

SWS7151T /*UTILITY STMT - var1 - var2

Explanation: During execution of an /*UTILITY statement, the statement was determined to be invalid or non-executable.

Action: If the statement text is invalid, correct the statement text. Otherwise, call NEON Systems product support for assistance.

The variable fields of the message text are:

var1	Short error message / (continued)
var2	SQL statement text

SWS7152T Utility Function var1 not enabled. Associated module (var2) not found in the %3 library.

Explanation: While attempting to enable a utility function, the module associated with the function was not found in the S__RPCLB library.

Action: The associated vendor library must be concatenated with the S__RPCLB library.

The variable fields of the message text are:

var1	Function code to be enabled.
var2	Module not found in the S__RPCLB library

SWS7153T Access to utility routines is not authorized. Contact NEON Systems (281-491-4200) to authorize access.

Explanation: Your license code does not authorize you to execute utility routines.

Action: Contact NEON Systems at (281) 491-4200 to obtain the requisite license code.

SWS7160T LINE var1 - HTML EVALUATION ERROR (var2) - var3

Explanation: While processing file information which contains HTML extensions, evaluation of a statement failed.

Action: Examine the source file to determine why the error occurred.

The variable fields of the message text are:

var1	Line number of source file
var2	Error Description
var3	Additional Error Information

SWS7161E ABEND abcd, REASON var2 DURING HTX PROCESS-ING

Explanation: While processing HTML extension processing, an abend occurred.

Action: Examine the source file to determine why the error occurred. Check for other messages which may indicate the cause of the error.

The variable fields of the message text are:

abcd	abend code
var2	abend reason code

SWS7162E var1var2var3var4

Explanation: This message used internally by ophtxpr to build abend error reporting html or text pages.

Action: None, internal use only.

The variable fields of the message text are:

var1	variable 1
var2	variable 2
var3	variable 3
var4	variable 4

SWS7163E ABEND abcd, REASON var2 DURING OPHTXPR ABEND RECOVERY

Explanation: While attempting to recover from a previous abend, the 2nd-level abend intercept was entered in ophtxpr.

Action: Examine the source file to determine why the abend occurred. Check for other messages which may indicate the cause of the error.

The variable fields of the message text are:

abcd	abend code
var2	abend reason code

SWS7164T Runtime error (Line var1) - Embedded RULEs and RES-CAN stmt not allowed in this file.

Explanation: A runtime error was detected while a text file was being processed by the HTML Extension processor. The source file line number where the error was detected is noted in the message. Note that an HTX executable RESCAN statement may also generate this error, because RESCAN is only allowed where embedded rules are authorized.

Action: The Server aborts processing of the current file and generates an error message output HTML or TEXT page. The HTML expansion request fails with RC=16. Remove the RULE or RESCAN statement which caused this condition to be raised, or authorize execution of embedded rules within this file. You authorize embedded rule execution by (1) requesting the file via the /*FILE process section or from the HFS, via /*WWW PATH(), and (2) for /*FILE, the RULE(YES) keyword must be specified.

The variable fields of the message text are:

var1   Line number in source file where error found

SWS7165T Runtime error (Line var1) - Assignment STMT Failed - var2 - var3

Explanation: A runtime error was detected while a text file was being processed by the HTML Extension processor. The source file line number where the error was detected is noted in the message. A variable assignment statement failed for the reason indicated in the message.

Action: If the message indicates that the LValue must be a global variable, ensure that the original assignment statement refers only to a 'global' variable. These include GLOBAL., GLVEVENT., or .GLVSTATE. variables. Otherwise, check for other messages which might indicate the cause of failure.

The variable fields of the message text are:

var1   Line number in source file where error found
var2   Explanation for error
var3   Runtime value for assignment target LValue

SWS7166T <%RULE%> execution must not drive recursive <%RULE%> execution

Explanation: A runtime error was detected while a text file was being processed by the HTML Extension processor. The HTML extension processor is about to execute an embedded rule, but an embedded <%RULE%> execution is already underway. This type of recursion is not allowed.

Action: The current (nested) <%RULE%> section is bypassed and HTML Extension processing of the file is aborted.

SWS7167E ABEND abcd, REASON var2 DURING HTX PROCESSING OF EMBEDDEDvar3 RULE

Explanation: While processing HTML extensions, an abend occurred while executing an embedded rule.

Action: Examine the source file to determine why the error occurred. Check for other messages which may indicate the cause of the error.

The variable fields of the message text are:

abcd	abend code
var2	abend reason code
var3	embedded rule type

SWS7168T Line var1 - EXIT-FLUSH statement executed - rescan and new rule matches disabled

Explanation: While processing file information which contains HTML extensions, an <%EXIT FLUSH%> statement was executed. This causes immediate exit from HTML extension file tailoring and also set controls so that additional rescan or rule matches are inhibited.

Action: The server will 'flush' (complete) the transaction without delay.

The variable fields of the message text are:

var1	Line number of source file

SWS7169T Line var1 - RESCAN statement operand invalid - var2 - value='var3'

Explanation: While processing file information which contains HTML extensions, a <%RESCAN x%> statement was executed. The rescan URL operand is invalid for the reason reported. If the rescan URL value was partically validated, it appears in the message; if it was not partially validated the value string will be null.

Action: The server uses the value, SYSTEM/ERROR/500, as a replacement for the invalid rescan URL. It also sets the HTTP response code to 500 (Server Error) and the error code to 61.

The variable fields of the message text are:

var1	Line number of source file
var2	Reason why rescan URL is invalid
var3	Rescan URL operand value if partially valid

SWS7170T Line var1 - EXIT option, var2, ignored because <%RULE%> processing not enabled

Explanation: While processing file information which contains HTML extensions, an <%EXIT%> statement with the indicated option was executed. The option is being ignored because HTML extension processing was requested via an interface which does not support execution of embedded rules.

Action: The EXIT option is ignored.

The variable fields of the message text are:

var1	Line number of source file
var2	Exit option being ignored

SWS7179E DATA MAPPING - var1 FIELD IS TOO LONG

Explanation: During processing of a data map a field was defined whitch was too long for processing. Fields of 3074 bytes are currently the longes fields allowed.

Action: Recreate the map with shorter fields, or disable this field.

The variable fields of the message text are:

var1	Map name
var2	Field name

SWS7180E /*EXECSQL STMT - var1

Explanation: During event procedure enablement, a /*SQL section was not enabled due to the error given.

Action: Correct the error and re-enable the event procedure.

The variable fields of the message text are:

var1	Error text

SWS7181T /*EXECSQL STMT - var1 - var2

Explanation: During execution of an /*EXECSQL statement, the SQL statement was determined to be invalid or non-executable.

Action: If the SQL statement text is invalid, correct the SQL statement text. Otherwise call NEON systems product support for assistance with this problem.

The variable fields of the message text are:

var1	Short error message / (continued)
var2	SQL statement text

SWS7182T HTML Member name missing or invalid. Data Map: var1, HTML Member: var2

Explanation: During execution of an output file send, the HTML member name was not specified in the Data Map or the HTML member name was invalid.

Action: The error is reported as a System Error Aux on the web browser. This problem may be correctable by "REFRESH"ing the Data Map after the HTML generation is complete.

The variable fields of the message text are:

var1	Name of Data Map in error
var2	Missing or Invalid HTML member name

SWS7183E /*EXECIMS STMT - var1

Explanation: During event procedure enablement, a /*EXECIMS section was not enabled due to the error given.

Action: Correct the error and re-enable the event procedure.

The variable fields of the message text are:

var1	Error text

SWS7184T /*EXECIMS STMT - var1 - var2

Explanation: During execution of an /*EXECIMS statement, the statement was determined to be invalid or non-executable.

Action: If the IMS statement text is invalid, correct the IMS statement text. Otherwise call NEON systems product support for assistance with this problem.

The variable fields of the message text are:

var1	Short error message / (continued)
var2	IMS statement text

SWS7185E Unable to obtain input storage work area. Length %1

Explanation: While processing an input request, we were unable to obtain sufficient storage to build the input message based upon the Shadow Mapping Facility definition of the input map.

Action: This may be caused by an error in the map definition. The input map may contain a field with an erroneous offset or length. The total length of the input message cannot exceed 32,702 bytes.

SWS7186E Required HTML variable missing. Name=var1

Explanation: While processing an input URL, the /*EXECIMS expects certain query variables. These are SWSINMAP, SWSCNVID and PFKIN. One or more of these variables were missing.

Action: This may be caused by an error in the coding of the HTML. The SWSINMAP variable contains the input map name required to process this URL. The SWSCNVID variable contains the conversation id required to process conversational IMS transactions. The PFKIN variable contains the interrupt key (ENTER, PF01... PF24).

The variable fields of the message text are:

var1   Missing variable name

SWS7187E /*EXECCICS STMT - var1

Explanation: During event procedure enablement, a /*EXECCICS section was not enabled due to the error given.

Action: Correct the error and re-enable the event procedure.

The variable fields of the message text are:

var1   Error text

SWS7188T /*EXECCICS STMT - var1 - var2

Explanation: During execution of an /*EXECCICS statement, the statement was determined to be invalid or non-executable.

Action: If the CICS statement text is invalid, correct the CICS statement text. Otherwise call NEON systems product support for assistance with this problem.

The variable fields of the message text are:

var1	Short error message / (continued)
var2	CICS statement text

SWS7189T Temporary Map var1 used for HTML file selection

Explanation: During execution of an output file send, the output file name was selected from the temporary map name. Permanent maps will arbitrarily use the file associated with the SWSAHTML ddname.

Action: For the /*EXECIMS, /*EXECCICS rule sections, we will select HTML file output from the HTML dataset name stored within the specified map name. This information is provided for auditing and control purposes. No action may be required.

The variable fields of the message text are:

var1	Temporary map name.

SWS7190E /*TSOSRV STMT - var1

Explanation: During event procedure enablement, a /*TSOSRV section was not enabled due to the error given.

Action: Correct the error and re-enable the event procedure.

The variable fields of the message text are:

var1	Error text

SWS7191T /*TSOSRV STMT - var1 - var2

Explanation: During execution of an /*TSOSRV statement, the TSO command statement was determined to be invalid or non-executable.

Action: If the TSO command text is invalid, correct the command state-ment text. Otherwise call NEON systems product support for assistance with this problem.

The variable fields of the message text are:

var1   Short error message / (continued)
var2   TSO Command text

SWS7192T /*TSOSRV STMT - var1 - var2

Explanation: During execution of an /*TSOSRV statement, the TSO command statement was determined to be invalid or non-executable.

Action: If the TSO command text is invalid, correct the command state-ment text. Otherwise call NEON systems product support for assistance with this problem.

The variable fields of the message text are:

var1   Short error message / (continued)
var2   TSO Command text

SWS7200T URL READ: var1

Explanation: Issued if TRACEURLREAD option is on, reception of an in-bound HTTP request is being traced.

Action: None. Indicates processing performed during HTTP request receive operations.

The variable fields of the message text are:

var1   text describing operation

SWS7201T URL READ: RECEIVED var1, TOTAL var2

Explanation: Issued if TRACEURLREAD option is on, reception of an in-bound HTTP request is being traced.

Action: None. Indicates processing performed during HTTP request receive operations.

The variable fields of the message text are:

var1	length of last read buffer
var2	total length of in-bound url

SWS7202T URL READ: HTTP REQUEST HEADERS - LENGTH var1, DELIMITER var2

Explanation: Issued if TRACEURLREAD option is on, reception of an in-bound HTTP request is being traced.

Action: None. Indicates processing performed during HTTP request receive operations.

The variable fields of the message text are:

var1	Length of HTTP transaction header
var2	Delimiters marking end of HTTP header

SWS7203T URL READ: HTTP CONTENT-LENGTH: var1

Explanation: Issued if TRACEURLREAD option is on, reception of an in-bound HTTP request is being traced.

Action: None. Indicates processing performed during HTTP request receive operations.

The variable fields of the message text are:

var1	Value of Content-length header

SWS7204T VARIABLE WWW.var1 NOT BUILT - var2

Explanation: A WWW. event variable was not built during URL parsing for the reason indicated.

Action: Correct the HTML input form used to transmit the in-bound data and re-submit.

The variable fields of the message text are:

var1	Variable not built
var2	Reason why variable not built

SWS7205T SSL ACCEPT FAILED - RC=var1 REAS=var2 - ENCLAVE RC=var3 FEEDBACK=(var4 var5 var6)

Explanation: A pending SSL connection could not be accepted by the server due to a validation failure or failure within the SSL connection handling engine. This error reports the failure.

Action: Check for other messages indicating the cause of the termination and resolve if possible.

The variable fields of the message text are:

var1	SSL acceptance code return code
var2	SSL acceptance code reason code
var3	LE/370 enclave manager return code
var4	LE/370 enclave termination feedback codes
var5	LE/370 enclave termination feedback codes
var6	LE/370 enclave termination feedback codes

SWS7206T SSL READ FAILED RC=var1 REAS=var2 - ENCLAVE RC=var3 FEEDBACK=(var4 var5 var6)

Explanation: A receive request on an SSL connection failed due to a validation failure or failure within the SSL connection engine. This error reports the failure.

Action: Check for other messages indicating the cause of the termination and resolve if possible.

The variable fields of the message text are:

var1	SSL read return code
var2	SSL read return code
var3	LE/370 enclave manager return code
var4	LE/370 enclave termination feedback codes
var5	LE/370 enclave termination feedback codes
var6	LE/370 enclave termination feedback codes

SWS7207T SSL WRITE FAILED RC=var1 REAS=var2 - ENCLAVE RC=var3 FEEDBACK=(var4 %4 var6)

Explanation: A send request on an SSL connection failed due to a validation failure or failure within the SSL connection engine. This error reports the failure.

Action: Check for other messages indicating the cause of the termination and resolve if possible.

The variable fields of the message text are:

var1	SSL write return code
var2	SSL write return code
var3	LE/370 enclave manager return code
var4	LE/370 enclave termination feedback codes
var5	LE/370 enclave termination feedback codes
var6	LE/370 enclave termination feedback codes

SWS7208T SSL CLOSE FAILED RC=var1 REAS=var2 - ENCLAVE RC=var3 FEEDBACK=(var4 var5 var6)

Explanation: A close request on an SSL connection failed due to a validation failure or failure within the SSL connection engine. This error reports the failure.

Action: Check for other messages indicating the cause of the termination and resolve if possible.

The variable fields of the message text are:

var1	SSL close return code
var2	SSL close return code
var3	LE/370 enclave manager return code
var4	LE/370 enclave termination feedback codes
var5	LE/370 enclave termination feedback codes
var6	LE/370 enclave termination feedback codes

SWS7209T var1 var2 var3 var4 var5

Explanation: The message is used to issue various warning messages when unusual conditions are detected during the parse of an in-bound HTTP request.

Action: None.

The variable fields of the message text are:

var1	variable information
var2	variable information
var3	variable information
var4	variable information
var5	variable information

SWS7210T SERVER VARIABLE var1 SKIPPED BY GLVSTATE. PRO-CESSING

Explanation: The indicated in-bound HTML Query variable or HTTP cookie variable was not processed, as expected, to re-create a GLVSTATE. information set.

Action: Processing of the in-bound HTTP request continues; however, subsequent processing of the transaction may encounter problems in the abscence of the GLVSTATE. set.

The variable fields of the message text are:

var1   Query (VAR.) or Cookie variable name

SWS7211T SSL CONNECT FAILED - RC=var1 REAS=var2 - ENCLAVE RC=var3 FEEDBACK=(var4 var5 var6)

Explanation: A attempt to establish an SSL connection failed due to a validation failure or failure within the SSL connection handling engine. This error reports the failure.

Action: Check for other messages indicating the cause of the termination and resolve if possible.

The variable fields of the message text are:

var1   SSL acceptance code return code
var2   SSL acceptance code reason code
var3   LE/370 enclave manager return code
var4   LE/370 enclave termination feedback codes
var5   LE/370 enclave termination feedback codes
var6   LE/370 enclave termination feedback codes

SWS7212T RELEASE OF SPECIALLY SIZED var1 AT var2 FOR OPPR AT var3 FAILED WITH RC=var4

Explanation: During end-of-transaction cleanup an oversized SEF work area could not be freed and has been orphaned. The oversize work area had been allocated during execution of the previous transaction through the use of the WORKSIZE() of QUEUESIZE() keywords of a WWW rule. Oversize areas are only freed when thread reuse is in effect, since they are otherwise released by end of task processing.

Action: Check for other messages indicating the cause of the termination and resolve if possible. Contact NEON Systems if this error cannot be resolved locally.

The variable fields of the message text are:

var1	type of SEF work area
var2	address of SEF work area
var3	address of owning process block
var4	return code from release service

SWS7213T SSL READ: var1

Explanation: Issued if TRACEURLREAD option is on, reception of an in-bound HTTP request is being traced. This message is generated by the SSL receive routines.

Action: None. Indicates processing performed during HTTP request receive operations.

The variable fields of the message text are:

var1	text describing operation

SWS7230T WEB BUFFER FLUSH ATTEMPTED IN X-MEM MODE BY var1+var2

Explanation: A web transaction program has issued a FLUSH request to transmit out-bound response buffers. The caller is operating in cross-memory mode and the request cannot be serviced. The buffer FLUSH request is ignored.

Action: Check for other messages which might indicate the cause of the error.

The variable fields of the message text are:

var1	Calling Module Name
var2	Offset of calling routine

SWS7231T SWSSEND REQUESTS EXCEPT PURGE OR FLUSH ARE INVALID FOLLOWING SWSFILE(SEND) REQUEST

Explanation: A web transaction program has issued a request to buffer additional out-bound response data, but this request follows completion of an SWSFILE(SEND) operation. Because SWSFILE(SEND) has generated HTTP response headers specifying total response size, no additional data can be output unless the file-send request is first purged from the output buffers or flushed to the client.

Action: Check for other messages which might indicate the cause of the error and correct.

SWS7232T HTTP RESPONSE BUFFER LIMIT (var1) EXCEEDED - SWSSEND WILL ISSUE USER ABEND X'722'

Explanation: The total number of concurrently held output buffers for a single HTTP response has execeeded the MAXHTTPRESPBUFFERS limit. This may be due to a run-away transaction procedure, or simply unexpectedly large output.

Action: The SWSSEND API routine issues an user ABEND X'722' to begin cancellation of the web transaction subtask. If your program is expected to generate excessive output, raise the MAXHTTPRESP-BUFFERS limit.

The variable fields of the message text are:

var1   Current response byte limit value

SWS7233T HTTP RESPONSE BYTE LIMIT (var1) EXCEEDED - SWS-SEND WILL ISSUE USER ABEND X'722'(1826)

Explanation: The total number of bytes output as part of a single HTTP response has exceeded the MAXHTTPRESPBYTES limit. This may be due to a run-away transaction procedure, or simply unexpectedly large output.

Action: The SWSSEND API routine issues an user ABEND X'722' to begin cancellation of the web transaction subtask. If your program is expected to generate excessive output, raise the MAXHTTPRESP-BYTES limit.

The variable fields of the message text are:

var1   Current response byte limit value

SWS7240T User-specified Content-Length different than calculated length. User length = var1, Calculated length = var2

Explanation: A web transaction program has created a Content-Length HTTP header with a length that is different than the calculated length of the data being transmitted. The Shadow WebServer will use the content length specified by the user.

Action: Ensure that the user-generated Content-Length HTTP header does not include the length of the user-generated HTTP headers.

The variable fields of the message text are:

var1   User-generated Content-Length value
var2   Shadow WebServer calculated length

SWS7250E OPISTBRU FUNCTION TERMINATED: var1

Explanation: A product display function was invoked improperly

Action: Correct the invcation parameter list and re-run.

The variable fields of the message text are:

var1   reason for termination

SWS7251T Unknown or invalid cookie found. var1 : var2

Explanation: During execution of OPISTBRU, an unrecognizable or unknown cookie was received.

Action: None. This is a warning message. The unknown cookie is ignored and product defaults utilized.

The variable fields of the message text are:

var1   Short description / (continued)
var2   Cookie text

SWS7252T One or more invalid cookie value found. var1 : var2

Explanation: During execution of OPISTBRU, one or more cookie fields were defaulted because the value of the cookie field was invalid.

Action: None. This is a warning message. The invalid cookie field is ignored and the product default for the field is used.

The variable fields of the message text are:

var1	Cookie field
var2	Cookie value

SWS7253T Invalid cookie format var1 invalid variables found: var2

Explanation: During execution of OPISTBRU, the stated number of cookie fields were defaulted because the cookie field was of invalid format. An OPMG7252 message is issued for each prior to this message for each invalid cookie field.

Action: None. This is a warning message. The invalid cookie field(s) are ignored and the product default(s) for the field(s) are used.

The variable fields of the message text are:

var1	Number of invalid cookie fields
var2	Cookie value

SWS7254T Timestamp unrecognizable in RFC1123, RFC850 or ANSI C ASCTIME() format 'var1'

Explanation: While parsing an HTTP request or response header, the time stamp value could not be parsed to yield a valid timestamp. This may be a browser dependency beyond the Server's control

Action: None. The Server assumes no value is specified for the corresponding request or response header.

The variable fields of the message text are:

var1	Timestamp string which could not be parsed

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SWS7300I INVALID COMMAND SYNTAX: var1

Explanation: A host command statement was invalid or could not be parsed for the reason indicated. The error was detected during initial command syntax scanning.

Action: Correct the command statement and re-submit.

The variable fields of the message text are:

var1   Message describing the syntax error

SWS7301S subsys IS AN INVALID SUBSYSTEM NAME

Explanation: The subsystem name coded is not valid.

Action: Subsystem names must be four characters long and must begin with the correct product id. The fourth character can be any character in the range A-Z.

The variable fields of the message text are:

subsys   the erroneous subsystem name

SWS7302I PARSER ROUTINE (OPSXPR) FAILED WITH RC=var1

Explanation: A host command statement was invalid because the general text parsing routines failed without returning a reason for the failure.

Action: Contact NEON System's product support team.

The variable fields of the message text are:

var1   Return code issued by parser routine

SWS7303S var1 IS AN INVALID OBJECT FOR var2

Explanation: You have entered an invalid command / object combination for the S__ statement.

Action: Correct the command and rerun.

The variable fields of the message text are:

var1   the name of the unknown S__ object
var2   Verb from command statement

SWS7304I var1 KEYWORD MUST BE SPECIFIED FOR 'var2 var3' STATEMENT

Explanation: A host command statement was invalid because an operand was omitted which is required for this type of command statment.

Action: Correct the command statement and re-submit.

The variable fields of the message text are:

var1	Operand which must be specified
var2	Verb from command statement
var3	Entity name from command statement

SWS7305I var1 KEYWORD MUST var2 - SHOULD BE var3

Explanation: A host command statement was invalid because an operand value was invalid.

Action: Correct the command statement and re-submit.

The variable fields of the message text are:

var1	Operand which is invalid as coded
var2	Reason why operand is invalid
var3	Required operand value type

SWS7306I EITHER var1 OR var2 KEYWORD MUST BE SPECIFIED FOR 'var3 var4'STATEMENT

Explanation: A host command statement was invalid because neither of the indicated operands was coded. At least one is required.

Action: Correct the command statement and re-submit.

The variable fields of the message text are:

var1	Operand which may be specified
var2	Operand which may be specified
var3	Verb from command statement
var4	Entity name from command statement

SWS7307I var1 KEYWORD INVALID FOR 'var2 var3' STATEMENT

Explanation: A host command statement was invalid because an operand was coded which is not valid for the command statement type.

Action: Correct the command statement and re-submit.

The variable fields of the message text are:

var1	Operand which must be omitted
var2	Verb from command statement
var3	Entity name from command statement

SWS7308I ONLY var1 KEYWORD ALLOWED FOR 'var2 var3' STATEMENT

Explanation: A host command statement was invalid because an operand was coded which can not be used for this type of command. Code only the single keyword operand indicated.

Action: Correct the command statement and re-submit.

The variable fields of the message text are:

var1	Allowable, optional operand
var2	Verb from command statement
var3	Entity name from command statement

SWS7309I var1 KEYWORD MUST BE var2 var3

Explanation: A host command statement was invalid because an operand was not valid. The allowed format for the keyword operand is given.

Action: Correct the command statement and re-submit.

The variable fields of the message text are:

var1	Invailid keyword operand
var2	Valid values for keyword operand
var3	Additional information

SWS7310S cmd IS AN INVALID var1 COMMAND

Explanation: The command you have coded is unknown.

Action: Enter a correct command and rerun.

The variable fields of the message text are:

cmd   the command that was entered.
var1   S__ command name

SWS7311S var1 SUBSYSTEM subsys IS NOT ACTIVE

Explanation: The indicated subsystem is not running. The address S__ function cannot continue.

Action: Start the subsystem (or use the SUBSYS command to identify another subsystem) and rerun the command.

The variable fields of the message text are:

var1   S__ command name
subsys   the name of the subsystem to be used

SWS7312S 'var1 var2' STATEMENT FAILED WITH RC = rc

Explanation: The requested operation failed severely.

Action: There is probably some sort of internal error. Call NEON Systems technical support.

The variable fields of the message text are:

var1   Verb from command statement
var2   Entity name from command statement
rc   the product routine return code

SWS7313S AUTHORIZATION CHECK FAILED FOR 'var1 var2' STATEMENT

Explanation: A host command statement authorization check routine found that the current user is not authorized to execute the command statement. Access to execute the statement is denied.

Action: Check variable 1 and 2 of the error message text for the command statement whose access is denied. Make sure the current user has the required access. Contact your security systems administrator for further help if necessary.

The variable fields of the message text are:

var1	Verb from command statement
var2	Entity name from command statement

SWS7314S pana IS NOT A VALID PRODUCT PARAMETER NAME

Explanation: The parameter name is not a valid, recognized product parameter.

Action: Correct the paramter name and rerun.

The variable fields of the message text are:

pana	the parm name

SWS7315S val IS NOT A VALID VALUE FOR pana

Explanation: The parm value is not valid for this parameter.

Action: Correct the value and rerun.

The variable fields of the message text are:

val	the erroneous parm value.
pana	the parm name

SWS7316E var1 var2 DOES NOT EXIST

Explanation: The entity defined by name is not yet defined and therefore cannot be modified.

Action: Either define the entity, or remove the modify.

The variable fields of the message text are:

var1	Entity name from command statement
var2	the value of the identifiying keyword

SWS7317E var1 var2 IS ALREADY DEFINED

Explanation: The indicated database has already been defined.

Action: Determine which definition is correct and rerun.

The variable fields of the message text are:

var1	Entity name from command statement
var2	the value of the identifiying keyword

SWS7318S INVALID UPDATE ATTEMPT FOR var1

Explanation: An invalid update attempt has been detected.

Action: Remove the keywords in error and rerun the command.

The variable fields of the message text are:

var1	Entity name from command statement

SWS7319I DDNAME %1 IS NOT ALLOCATED TO PRODUCT ADDRESS SPACE

Explanation: The indicated ddname is not allocated to the product address space.

Action: The attempt to define the file fails. Add a DD statement to the product start-up JCL for the indicated file and restart the product.

SWS7320I DSNAME(DSN) MUST BE A PDS(E) DATASET

Explanation: The indicated dataset is not a PDS or PDSE dataset.

Action: The attempt to define the file or ruleset fails. Change the DSNAME() keyword to correct the error

The variable fields of the message text are:

DSN   DS name which is not valid

SWS7321I RULESET VAR1 NOT VAR2

Explanation: The indicated ruleset definition was processed.

Action: This message logs definitions of or changes to SEF ruleset definitions.

The variable fields of the message text are:

VAR1   'DEFINED' or 'MODIFIED'
VAR2   Ruleset name which was defined or modified

SWS7322H jb HAS VAR1 RULESET %2

Explanation: The job or user indicated issued a critical configuration change command which was sucessfully procesed.

Action: Information only. This message is sent to the hardcopy console log.

The variable fields of the message text are:

VAR1   Text of SEF command which was processed

SWS7323H SUPERVISOR STATE REQUIRED FOR 'VAR1 VAR2' COMMAND

Explanation: The indicated command cannot be processed except by a real started-task copy of the product because supervisor state is required to perform the indicated action.

Action: Information only. This message is sent to the hardcopy console log.

The variable fields of the message text are:

VAR1	Command verb
VAR2	Command verb entity

SWS7324I var1 KEYWORD CONTAINS INVALID CHARACTER(S) AT OFFSET var2 OF THE STRING

Explanation: A host command statement was invalid because an operand was not valid. An invalid character or combination of characters was found at the indicated offset within the operand string.

Action: Correct the command statement and re-submit.

The variable fields of the message text are:

var1	Invailid keyword operand
var2	offset where invalid character(s) found

SWS7400T 'VAR1' INVALID GLVSTATE. VARIABLE - VAR2 VAR3

Explanation: The indicated variable is not a valid GLVSTATE. prefix variable. See information on the automated state mgmt. facility for information on proper variable name formats.

Action: Correct the variable name and rerun the exec or program.

The variable fields of the message text are:

VAR1	Variable name
VAR2	Reason for validity check
VAR3	Additiona feedback or error information

SWS7401T 'VAR1' DOES NOT EXIST AND CANNOT BE VAR2

Explanation: An attempt to perform a control operation on a named state information set failed becuase the set is not known to the system.

Action: The current request is ignored.

The variable fields of the message text are:

VAR1	Set name
VAR2	Operation being requested

SWS7402T 'VAR1' IS NOT A VALID VALUE FOR THE 'VAR2' VARI-ABLE

Explanation: The value indicated is not a valid value type for the variable identified.

Action: Correct the variable value and rerun the exec or program.

The variable fields of the message text are:

VAR1	Value
VAR2	Variable

SWS7403T 'VAR1' IS A READ-ONLY VARIABLE AND CANNOT BE UPDATED

Explanation: The update attempt for the named state information set failed because the indicated variable is read-only.

Action: Remove the update attempt for the variable.

The variable fields of the message text are:

VAR1	Set name

SWS7404T 'GLVSTATE.VAR1' MUST BE ACTIVE BEFORE UPDATE TO 'VAR2'

Explanation: The indicated variable does not belong to an active named state information set. The GLVSTATE. group has expired or has never been created.

Action: Create the set before attempting to set the variable.

The variable fields of the message text are:

VAR1	Set name
VAR2	variable which is a part of non-existing set

SWS7405T 'VAR1' REQUIRES A NUMERIC VALUE - FOUND 'VAR2'

Explanation: The indicated variable requires a numeric value in order to update its value.

Action: Correct the variable specification and rerun the exec or program.

The variable fields of the message text are:

VAR1	Variable name
VAR2	Value passed on assignment

SWS7406T 'VAR1' ADJUSTED FROM VAR2 TO MINIMUM VALUE OF VAR3 for '%4'

Explanation: The indicated variable was adjusted because the value being set was lower than the minimum. The minimum value is used instead.

Action: Correct the variable specification and rerun the exec or program.

The variable fields of the message text are:

VAR1	Variable name
VAR2	Value passed on assignment
VAR3	Minimum value used as an override

SWS7407T 'VAR1' IN 'VAR2' MUST BE ALPHAMERIC, BEGIN ALPHA OR AN INTEGER 0-N

Explanation: The indicated variable is not valid for use as a GLVSTATE. user-assigned name. In 'GLVSTATE.name', 'name' must be 1-8 bytes in length, begin alphabetic, and consist of only letters and numbers. The read-only variables, GLVEVENT.0 through GLVEVENT.n are also valid but do not designate a named state variable set.

Action: Correct the variable specification and rerun the exec or program.

The variable fields of the message text are:

VAR1	Variable name 2nd qualifier
VAR2	Variable name

SWS7408T 'VAR1' ALREADY EXISTS

Explanation: The indicated GLVSTATE.name group already exists. An attempt was made to assign 'NEW' to the control variable which is taken as an unconditional create-set request for a set which must not previously exist.

Action: The 'NEW' create-set request is rejected with an error. Interrogate GLVSTATE.name before issuing a request if a previously created set might exist.

The variable fields of the message text are:

VAR1	GLVSTATE.name set qualifier

SWS7409T ++++++ VAR1 VAR2 Diagnostic WWST Trace ++++++

Explanation: An internal-use diagnostic trace is being produced. Various internal state-related control blocks will be formatted and written to trace browse.

Action: None. For use by NEON Support.

The variable fields of the message text are:

VAR1	GLVSTATE. operation request type
VAR2	GLVSTATE. variable name to be operated on

SWS7410T SERVER TOKEN CREATE/DELETE SERVICE FAILED RC=VAR1 - GLVSTATE.VAR2 UPDATE WILL FAIL

Explanation: An internal service failed to create/delete a server token needed to manage a GLVSTATE. variable set. The current GLVSTATE. update request will be failed as though the update were to an invalid variable field name for some types of updates, and as a 'halt' error for others.

Action: Check for otherr messages related to this failure and contact NEON System's technical support.

The variable fields of the message text are:

VAR1	Return code from token create service
VAR2	GLVSTATE.name is the state set name

SWS7411T REQUEST VARIABLE 'VAR1' INVALID AUTOMATED STATE TRANSPORT - VAR2

Explanation: During web transaction intialization an HTML query variable or HTTP request header cookie was found with a name beginning with 'SWSSTATE_xxxxxxxx' or 'SWSTOKEN_xxxxxxxx'. All query variables and cookies with names in this form are reserved for automated processing of state information.

Action: The server bypasses built-in handling for this variable which may result in improper sessions state management activities. A variable in this form is also rejected if the 'xxxxxxxx' portion is invalid. To be valid, the customer assigned name must be 1-to-8 bytes in length, begin with an alphabetic character, and contain only alphabetic characters, the digits 0 through 9, and the underbar character.

The variable fields of the message text are:

VAR1	Query/Cookie variable being bypassed
VAR2	Reason why query or cookie variable rejected

SWS7412T 'VAR1' BYPASSED BY ASMF - DUPLICATE GLVSTATE.VAR2 SET ALREADY EXISTS

Explanation: During web transaction intialization an HTML query variable and/or HTTP 'Cookie:' request header was found which contains builtin mgmt. information for a GLVSTATE. information set. Information for this GLVSTATE. set has already been received from another query variable or cookie within this in-bound request.

Action: The server bypasses built-in handling for this variable, and uses only the first GLVSTATE. restoration information. Note that this can occur if you include the same GLVSTATE.xxxxxxxx information in both an HTML form field and an HTTP cookie or if the browser transmits two HTTP cookies with the same name.

The variable fields of the message text are:

VAR1	Name of in-bound variable being skipped
VAR2	Name of GLVSTATE. set duplicated

SWS7413T VARIABLE 'VAR1' DOES NOT CONTAIN A VALID SERVER TOKEN ID - VAR2

Explanation: During web transaction intialization an HTML query variable or HTTP request header cookie was found with a name beginning with 'SWSTOKEN_xxxxxxxx'. All query variables and cookies with names of this form are reserved for built-in GLVSTATE. processing. However, the contents of this element did not contain the expected displayable hexadecimal, 24-byte token ID value which was expected.

Action: The erroneous information is not used, the in-bound query or cookie information is ignored and no GLVSTATE. information set is created.

The variable fields of the message text are:

VAR1	Query or Cookie variable name
VAR2	Reason why value data is invalid

SWS7414T VAR1 VARIABLE DOES NOT CONTAIN VALID INFORMATION TO RECONSTRUCT GLVSTATE.VAR2 - VAR3

Explanation: During web transaction intialization an HTML cookie variable was found with a name beginning with 'SWSSTATE_'. The value data, however, does not appear to be formatted as expected for restoration of the a GLVSTATE. set. Note that this can occur for wrong-length informatin, bad encoding of the data or some other imput anomaly.

Action: The erroneous information is not used, the in-bound cookie information is ignored and no GLVSTATE. information set is created for this variable.

The variable fields of the message text are:

VAR1	Name of in-bound query/cookie variable
VAR2	Name of GLVSTATE. set
VAR3	Reason why value data invalid

SWS7415T SERVER TOKEN ID (VAR1) REUSED IMPROPERLY FOR GLVSTATE.VAR2/GLVSTATE.VAR3 SETS

Explanation: During web transaction intialization an HTML query variable or HTTP request header cookie was found with a name beginning with 'SWSSTATE_xxxxxxxx'. All query variables and cookies with names of this form are reserved for built-in GLVSTATE. processing. However, the contents of this element contained an indication that a Token ID had been improperly re-used.

Action: This is a logic error. The Server generates an S0C3 abend. Contact NEON Systems, Inc.

The variable fields of the message text are:

VAR1	Re-used Token ID value
VAR2	Name of GLVSTATE. set from Token
VAR3	Name of GLVSTATE. set from query variable

SWS7416T GLVSTATE.VAR1 NOT RECONSTRUCTED FOR TOKENID=VAR2 DUE TO ERROR VAR3

Explanation: During web transaction intialization an HTML query variable or HTTP request header cookie was found with a name beginning with 'SWSTOKEN_xxxxxxxx'. All query variables and cookies with names of this form are reserved for built-in GLVSTATE. processing. However, a Server-side token could not be retrieved due to an internal error and this GLVSTATE. set is being bypassed.

Action: This could be due to a storage shortage or other problem. The state information is handled as though the token has expired.

The variable fields of the message text are:

VAR1	Name of GLVSTATE. set
VAR2	Token ID for which retrieval failed
VAR3	Error found while accessing token data

SWS7417T AUTOMATED STATE MGMT MODULE (OPASMF) - INVALID PLIST VAR1

Explanation: The Automated state managment routine, OPASMF, was invoked with an invalid parameter list.

Action: The module generates an S0C3 abend to terminate the request. Contact NEON Systems, Inc.

The variable fields of the message text are:

VAR1	Image of parameter list in HEX

SWS7418T 'GLVSTATE.VAR1' MUST EXIST BEFORE UPDATE TO 'VAR2'

Explanation: The indicated GLVSTATE. collection does not exists. It must be created before the update to any collection members can be performed.

Action: Create the set before attempting to set the variable.

The variable fields of the message text are:

VAR1	Set name or index number
VAR2	variable for which update requested

SWS7419T UPDATE TO 'VAR1' NOT ALLOWED FOR GLVSTATE.VAR2 COLLECTIION WITH STATUS='VAR3'

Explanation: The indicated GLVSTATE. collection is currently flagged as being in a status which does not allow updates. Change the collection to 'ACTIVE' status either by resetting it or by deleting and re-creating it.

Action: The current request is rejected.

The variable fields of the message text are:

VAR1	Collection Symbol being updated
VAR2	Collection Name
VAR3	Current set status value

SWS7420T UPDATE TO 'VAR1' NOT ALLOWED BECAUSE VAR2 EXCEEDS CURRENT SUBKEY COUNT OF VAR3

Explanation: The number of keyed values within the set is lower than the key-index value specified by the symbolic reference. Key-index references may not be used to create new keyed value pairs.

Action: The current request is rejected.

The variable fields of the message text are:

VAR1	Collection Symbol being updated
VAR2	key index value in symbolic reference
VAR3	current number of keys defined

SWS7421T UPDATE TO 'VAR1' IGNORED BECAUSE GLVSTATE.VAR2 IS A VAR3 TYPE SET WHICH DOES NOT USE HTTP COOKIES

Explanation: The indicated GLVSTATE. collection does not use HTTP cookies as a transport mechanism. The current update is ignored because it does not apply to non-cookie-based information sets.

Action: The current request is ignored.

The variable fields of the message text are:

VAR1	Collection Symbol being updated
VAR2	Collection Name
VAR3	Current set type value

SWS7422T UPDATE TO 'VAR1' IGNORED BECAUSE GLVSTATE.VAR2 IS A VAR3 TYPE SET WHICH DOES NOT USE SERVER-SIDE TOKENS

Explanation: The indicated GLVSTATE. collection does not use tokens as an indirect storage mechanism. The current update is ignored because it does not apply to non-token-based information sets.

Action: The current request is ignored.

The variable fields of the message text are:

VAR1	Collection Symbol being updated
VAR2	Collection Name
VAR3	Current set type value

SWS7423T VALUE ASSIGNED TO 'VAR1' TRUNCATED BECAUSE VAR2 MAXIMUM LENGTH IS VAR3

Explanation: The indicated GLVSTATE. variable value which was being assigned was truncated because only lengths up the size given are supported.

Action: The current request is ignored.

The variable fields of the message text are:

VAR1	Collection Symbol being updated
VAR2	field usage
VAR3	maximum size for this field

SWS7425T UPDATE OF 'VAR1' IGNORED - TOKEN WITH ID=VAR2 HAS ALREADY EXPIRED

Explanation: The indicated GLVSTATE. variable value update failed because the indicated token has already expired.

Action: The current request is rejected with an error

The variable fields of the message text are:

VAR1	Collection Symbol being updated
VAR2	token id for which update required

SWS7426T 'VAR1' HAS BEEN RESET

Explanation: The indicated GLVSTATE. information set has been reset

Action: None. The request completes normally

The variable fields of the message text are:

VAR1   Set collection being reset

SWS7427T NO "Set-cookie:" SENT FOR GLVSTATE.VAR1 - COOKIE WOULD EXCEED 4K MAX. SIZE

Explanation: The indicated GLVSTATE. information set has not be used to generate an outbound HTTP Set-cookie: response because the total length of the value data, once encoded, exceeds the maximum 4k allowed by the Netscape cookie specification for the size of the name/value pair.

Action: The indicate state set is bypassed

The variable fields of the message text are:

VAR1   State information Set name

SWS7428T ERROR WHILE BUILDING SET-COOKIE: RESPONSE FOR GLVSTATE.VAR1 - RC=VAR2

Explanation: An error was encountered while building outbound Set-Cookie: response header for the indicate state information set.

Action: Buffer flush processing continues

The variable fields of the message text are:

VAR1   State information Set name
VAR2   Return code from response handler

SWS7429T VARIABLE VAR1 CONTAINS INVALID SERVER TOKENID ID WHICH MAY BE SPOOF ATTEMPT (ID=VAR2)

Explanation: An error was encountered while attempting to restore saved state information using a Server-side token ID. The characteristics of the error encountered MAY indicate an attempt to spoof a Server Token ID value, although this is by no means certain. If the error occurs frequently you may wish to investigate this possibility further.

Action: The Server Token ID is handled as though it designates an expired token from which no application data values can be restored.

The variable fields of the message text are:

VAR1	Query or Cookie variable from request
VAR2	Token ID which was in error

SWS7500I VAR1

Explanation: This is a generic message used for informational level messages from rpc programs using the swswto function.

Action: none.

The variable fields of the message text are:

VAR1	User supplied message

SWS7501W VAR1

Explanation: This is a generic message used for warning level messages from rpc programs using the swswto function.

Action: none.

The variable fields of the message text are:

VAR1	User supplied message

SWS7502S VAR1

Explanation: This is a generic message used for severe level messages from rpc programs using the swswto function.

Action: none.

The variable fields of the message text are:

VAR1   User supplied message

SWS7503H VAR1

Explanation: This is a generic message used for hardcopy level messages from rpc programs using the swswto function.

Action: none.

The variable fields of the message text are:

VAR1   User supplied message

SWS8900E CPRI VAR1 VAR2 VAR3 VAR4 VAR5 VAR6 VAR7 VAR8 VAR9

Explanation: An error was encountered while attempting to initialize a task runtime environment for C-language main product routines.

Action: The runtime environment is not initialized. Check for other messages which might indicate the cause of the failure and contact NEON Systems for problem resolution.

The variable fields of the message text are:

VAR1	Reason for failure
VAR2	variable information or text
VAR3	variable information or text
VAR4	variable information or text
VAR5	variable information or text
VAR6	variable information or text
VAR7	variable information or text
VAR8	variable information or text
VAR9	variable information or text

SWS8901T CPRI VAR1 VAR2 VAR3 VAR4 VAR5 VAR6 VAR7 VAR8 VAR9

Explanation: While initializing the C-language runtime environment statistical tracing is enabled. This message is used to trace out information about the environment.

Action: Initialization processing continues.

The variable fields of the message text are:

VAR1	Description of traced information
VAR2	variable information or text
VAR3	variable information or text
VAR4	variable information or text
VAR5	variable information or text
VAR6	variable information or text
VAR7	variable information or text
VAR8	variable information or text
VAR9	variable information or text

SWS8902W CPRI VAR1 VAR2 VAR3 VAR4 VAR5 VAR6 VAR7 VAR8 VAR9

Explanation: A correctable error was detected while initializing a task runtime environment for C-language main product routines.

Action: The runtime environment is initialized after the error is corrected.

The variable fields of the message text are:

VAR1	Error detected
VAR2	variable information or text
VAR3	variable information or text
VAR4	variable information or text
VAR5	variable information or text
VAR6	variable information or text
VAR7	variable information or text
VAR8	variable information or text
VAR9	variable information or text

SWS8903T CPRI VAR1 VAR2 VAR3 VAR4 VAR5 VAR6 VAR7 VAR8 VAR9

Explanation: While terminating the C-language runtime environment statistical tracing is enabled. This message is used to trace out information about the environment.

Action: Termination processing continues.

The variable fields of the message text are:

VAR1	Description of traced information
VAR2	variable information or text
VAR3	variable information or text
VAR4	variable information or text
VAR5	variable information or text
VAR6	variable information or text
VAR7	variable information or text
VAR8	variable information or text
VAR9	variable information or text

SWS8904W CPRI VAR1 VAR2 VAR3 VAR4 VAR5 VAR6 VAR7 VAR8 VAR9

Explanation: A correctable error was detected while terminating a task runtime environment for C-language main product routines.

Action: The runtime environment is terminated if the error is correctable. Otherwise the termination request will fail with a more severe error.

The variable fields of the message text are:

VAR1	Error detected
VAR2	variable information or text
VAR3	variable information or text
VAR4	variable information or text
VAR5	variable information or text
VAR6	variable information or text
VAR7	variable information or text
VAR8	variable information or text
VAR9	variable information or text

SWS8905E CPRI VAR1 VAR2 VAR3 VAR4 VAR5 VAR6 VAR7 VAR8 VAR9

Explanation: While terminating the C-language runtime environment an error was encountered. Termination processing continues but may leave allocated resources orphaned.

Action: Termination processing continues.

The variable fields of the message text are:

VAR1	Description of traced information
VAR2	variable information or text
VAR3	variable information or text
VAR4	variable information or text
VAR5	variable information or text
VAR6	variable information or text
VAR7	variable information or text
VAR8	variable information or text
VAR9	variable information or text

SWS9000H mod/func EXECUTION text

Explanation: This message is used to trace product termination. A message is issued before and after the execution of each termination routine.

Action: There is no action for this message. This message is only used for trace and debugging purposes.

The variable fields of the message text are:

mod	module name
func	current function code
text	text of the message

SWS9001I SUBSYSTEM ss TERMINATION COMPLETE

Explanation: This is the standard product termination complete message.

Action: No action is required.

The variable fields of the message text are:

subsys	subsystem name

SWS9002E SUBSYSTEM ss TERMINATION INCOMPLETE

Explanation: Product execution has terminated. However, one or more errors were detected during product termination. As a consequence nor- mal product termination was not possible.

Action: Check for any error messages issued during termination. If pos- sible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems prod- uct support to obtain additional assistance. Please note the exact contents of the above error message and any other error messages associated with the product termination error.

The variable fields of the message text are:

subsys   subsystem name

SWS9008S ABEND ERROR abcd AT mod+off

Explanation: A serious ABEND occurred during product initializa- tion, execution, or termination. The ABEND was not recoverable, and the product was forced to terminate.

Action: Check the ABEND code and any related ABEND messages. If possible, fix the problem identified by the error messages and restart the product. If the problem cannot be resolved contact NEON Systems prod- uct support to obtain additional assistance. Please note the exact contents of the above error message and any other error messages associated with the product failure.

The variable fields of the message text are:

abcd   ABEND code
mod   module name
off   module offset

SWS9100T INVALID COMBINATION OF ./ or ../ in "var1"

Explanation: An HFS pathname string was rejected because it contains an invalid combination of ./, ../ or other characters which are not resolveable at run time.

Action: If the PATH() operand of the matched-to WWW rule contains a wildcard(*), this may indicate an attempt by a client to refer to an HFS sub-directory to which access should not be granted. This message can also result from an incorrect combination of specifications for the Server DOCUMENTROOT start-up parameter, the HFSROOT() parameter on a "DEFINE RULESET" statement and the PATH() parameter on the WWW rule definition. The transaction is rejected with a 404 (file not found) error status.

The variable fields of the message text are:

var1   Invalid pathname string

SWS9504E service OF desc FAILED, RC=rc, DETECTED AT ad

Explanation: This is a generic error message used to describe a wide variety of internal errors. The message text provides a description of the current operation and what the current operation was attempting to do.

Action: Check the error messages and the return code associated with this problem. There may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error messages and retry the operation. If the problem cannot be resolved contact NEON Systems technical support to obtain additional assistance.

The variable fields of the message text are:

service   Current operation (GETMAIN, FREEMAIN, etc.)
desc   Description
rc   Return code

SWS9506S service OF desc FAILED, RC=rc, DETECTED AT ad

Explanation: This is a generic error message used to describe a wide variety of internal errors. The message text provides a description of the current operation and what the current operation was attempting to do.

Action: Check the error messages and the return code associated with this problem. There may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error mes- sages and retry the operation. If the problem cannot be resolved contact NEON Systems technical support to obtain additional assistance.

The variable fields of the message text are:

service	Current operation (GETMAIN, FREEMAIN, etc.)
desc	Description
rc	Return code

SWS9507E DATASET dsn DOES NOT EXIST - LOCATE OF %1 FAILED, RC=rc, REASON=rec

Explanation: A failed occurred during a LOCATE of a data set. The return and reason codes in the message are from the LOCATE routine.

Action: Check the error messages and the return code associated with this problem. There may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error mes- sages and retry the operation. If the problem cannot be resolved contact NEON Systems technical support to obtain additional assistance.

The variable fields of the message text are:

dsn	Data set name
rc	Return code
rec	Reason code

SWS9508E OBTAIN OF FORMAT1 DSCB FOR DSNAME dsn VOL-UME volid FAILED, RC = rc, REASON CODE = rec

Explanation: A failured occurred during a OBTAIN of a data set. The return and reason codes in the message are from the OBTAIN Format1 dscb routine.

Action: Check the error messages and the return code associated with this problem. There may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error messages and retry the operation. If the problem cannot be resolved contact NEON Systems technical support to obtain additional assistance.

The variable fields of the message text are:

dsn	Data set name
volid	Volume id
rc	Return code
rec	Reason code

SWS9509E OBTAIN OF FORMAT1 DSCB FOR DSNAME dsn VOL-UME volid FAILED BECAUSE DATASET IS MIGRATED

Explanation: A failured occurred during a OBTAIN of a data set. The dataset volser is set to 'MIGRAT', indicating the dataset has been migrated offline.

Action: Check the error messages and the return code associated with this problem. There may be one or more error messages referring to the current problem. If possible, fix the problem identified by the error messages and retry the operation. For some server function, you may need to manually recall the dataset before retrying the operation. If the problem cannot be resolved contact NEON Systems technical support to obtain additional assistance.

The variable fields of the message text are:

dsn	Data set name
volid	Volume id

SWS9990I var1var2var3var4var5var6var7var8var9var10var11

Explanation: This is a generic message used to format information relating to abends detected by the product. The abend module, abend off-set, abend code and registers at the time of abend are all formatted for debugging purposes. In the case of internal errors the reason for the internal abend is also indicated.

Action: Record all the information and report the problem to NEON Systems techinical support.

The variable fields of the message text are:

var1	None
var2	None
var3	None
var4	None
var5	None
var6	None
var7	None
var8	None
var9	None
var10	None
var11	None

SWS9999T VAR1 VAR2 VAR2 VAR2 VAR2 VAR2 VAR2 VAR2 VAR2

Explanation: This message is for internal Shadow testing.

Action: None.

The variable fields of the message text are:

VAR1	None
VAR2	None
VAR2	None
VAR2	None
VAR2	None
VAR2	None
VAR2	None

Dynamic to Static Analyzer Messages

CDS0000

Message contents: version.

Explanation: Shows the current version of CVDS.

Recommended actions: None. Informational only.

CDS1001

Message Contents: trying plan file

Explanation: Indicates the full path to PLN file which CVDS tries to open.

Recommended actions: None. Informational only.

CDS1002

Message contents: found plan file

Explanation: Indicates the PLN file that was successfully opened and will be loaded.

Recommended actions: None. Informational only.

CDS1003

Message contents: unmatched at:

Explanation: The statement was not matched. The message shows the part of statement from the beginning up to the character at which there was no more matches found, inclusively.

Recommended actions: Make the statement matcheable, i.e. re-run DSA on the fresh tracefiles.

CDS1004

Message contents: expected one of : […]

Explanation: For unmatched statement, shows the set of characters that is expected at failure point. In square brackets, the expected characters are listed.

CDS2001

Message contents: canonizer - **i**s one of:

- syntax error
- out of memory
- stack overflow
- unknown error

Explanation: Statement canonizer error.

Recommended actions: Correct the statement. Make the statement matcheable, i.e. re-run DSA on the fresh tracefiles.

CDS2002

Message contents: canonizer not available

Explanation: No statement canonizer was initialized.

Recommended actions: The canonizer lacked dynamic memory, so revise your application to reduce the usage of dynamic memory.

CDS9999

Message contents: <description of format error in PLN file>

Explanation: PLN file format is violated.

Recommended actions:

Rebuild PLN file using DSA and source tracefiles.

DSU0001

Message contents:

Note: line no … (…) of file <…> is incorrect or empty - skipped; line contents: <…>

Explanation: The line is empty or does not contain a time stamp.

DSU0002

Message contents: SELECT statement started in line no (…)" of file <…> does not contain column information - skipped"

Explanation: There is no column type information for a SELECT statement in an indicated trace file.

DSU0003

Message contents: Note: SQL operation started in line no (…)is marked as failed - skipped

Explanation: SQL operation delimited by scexexei or scexexpr calls is marked as failed. SQL statement corresponding to this operation is skipped from consideration.

DSU0004

Message contents: Note: option is duplicated; only the first occurrence will take effect

Explanation: An option encountered several times. The first occurrence is used.

DSU0005

Message contents: Note: option is valid only for OS/2 environment

Explanation: An option is available only for OS/2 environment.

DSU0006

Message contents: Note: cannot send DBRM file (…). Be sure to specify all the options required

Explanation: Not all the options needed to send DBRM file to host are specified.

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Options

DSU9001

Message contents: Error: invalid option

Explanation: An option is invalid.

Recommended actions:

DSU9002

Message contents: Error: option is empty

Explanation: An option does not contain a required string.

Recommended actions:

DSU9003

Message contents: Error: more than <…> characters in option

Explanation: An option string is too long.

Recommended actions:

DSU9004

Message contents: Error: no file names specified

Explanation: No trace file names are passed to DSA.

Recommended actions:

DSU9005

Message contents: Error: no response file name specified

Explanation: No response file name specified.

Recommended actions:

DSU9006

Message contents: Error: list of file names is empty

Explanation: No trace file names are specified in a response file.

Recommended actions:

DSU9007

Message contents: Error: file cannot be passed as an argument. Copy or rename the file

Explanation: The indicated trace file has a name equal to the trace file name extracted from ODBC.INI file.

Recommended actions:

DSU9008

Message contents: Error: no DBRM file name

Explanation: No DBRM file name was specified in a command line or extracted from trace/plan files.

Recommended actions:

DSU9009

Message contents: Error when processing user input

Explanation: Error when processing user input

Recommended actions:

DSU9010

Message contents: Error: no program name in command line and tracefiles

Explanation: No program name was specified in a command line or extracted from trace files.

Recommended actions:

DSU9101

Message contents: Error: trying to find column information for SELECT statement started in line no (…) of file <…>

Explanation: System error detected while trying to find column information for an indicated SELECT statement.

DSU9102

Message contents: Error: trying to find match for SQL operation started in line no (…) of file <…>

Explanation: System error detected while trying to find match for an indicated SQL operation.

DSU9103

Message contents: Error: incorrect column type in line no… (…) of file <…>; line contents:<…>

Explanation: Incorrect column type detected.

DSU9104

Message contents: Error: incorrect column size in line no (…) of file <…>; line contents: <…>

Explanation: Incorrect column size detected.

DSU9105

Message contents: Error: double scexexpr or scexexei call in line of file <…>

Explanation: Wrong pairing of scexexpr or scexexei calls detected.

DSU9106

Message contents: No extractable SQL statements in tracefiles.

Explanation: No SQL statements (SELECT, INSERT, UPDATE, DELETE) contained in trace files passed to the analyzer.

DSU9201

Message contents: Error writing to file <...>

Explanation: Error writing to an indicated file.

DSU9202

Message contents: Error getting file position for file <...>

Explanation: Error getting file position for an indicated file.

DSU9203

Message contents: Error setting file position for file <...>

Explanation: Error setting file position for an indicated file.

DSU9204

Message contents: Error: cannot determine full pathname for file ...

Explanation: Full pathname for an indicated file can not be determined

DSU9205

Message contents: Error: cannot rename file <...> to <...>

Explanation: Indicated file can not be renamed

DSU9301

Message contents: Error: ftp/tcp: unknown service

Explanation: OS/2 FTP ftperrno variable was set to FTPSERVICE value

DSU9302

Message contents: Error: unknown host

Explanation: OS/2 FTP ftperrno variable was set to FTPHOST value

DSU9303

Message contents: Error: unable to obtain socket

Explanation: OS/2 FTP ftperrno variable was set to FTPSOCKET value

DSU9304

Message contents: Error: unable to connect to server

Explanation: OS/2 FTP ftperrno variable was set to FTPCONNECT value

DSU9305

Message contents: Error: login failed

Explanation: OS/2 FTP ftperrno variable was set to FTPLOGIN value

DSU9306

Message contents: Error: transfer aborted

Explanation: OS/2 FTP ftperrno variable was set to FTPABORT value

DSU9307

Message contents: Error: problem opening local file

Explanation: OS/2 FTP ftperrno variable was set to FTPLOCALFILE value

DSU9308

Message contents: Error: problem initializing data connection

Explanation: OS/2 FTP ftperrno variable was set to FTPDATACONN value

DSU9309

Message contents: Error: command failed

Explanation: OS/2 FTP ftperrno variable was set to FTPCOMMAND value

DSU9310

Message contents: Error: proxy server does not support third party transfers

Explanation: OS/2 FTP ftperrno variable was set to TPPROXYTHIRD value

DSU9311

Message contents: Error: No primary connection for proxy transfer.

Explanation: OS/2 FTP ftperrno variable was set to FTPNOPRIMARY value.

DSU9312

Message contents: Error: No code page translation table was loaded.

Explanation: OS/2 FTP ftperrno variable was set to FTPNOXLATETBL value.

DSU9401

Message contents: Error: InternetOpen() failed with error code .

Explanation: InternetOpen() function failed under Windows NT

DSU9402

Message contents: Error: InternetConnect() failed with error code .

Explanation: InternetConnect() function failed under Windows NT

DSU9403

Message contents: Error: FtpSetCurrentDirectory() failed with error code

Explanation: FtpSetCurrentDirectory() function failed under Windows NT

DSU9404

Message contents: Error: FtpPutFile() failed with error code.

Explanation: FtpPutFile() function failed under Windows NT.

DSA0000

Message contents: DS grammar constructor v .

Explanation: DSA logo. Displays release level and date of its implementation.

DSA0001

Message contents: No SQL statements in tracefiles.

Explanation: No SQL statements (SELECT, INSERT, UPDATE, DELETE) contained in trace files passed to the analyzer.

DSA1001

Message contents: STATEMENT N is represented by DBRM file section N

Explanation: DBRM file section number corresponding to SQL statement having an indicated number.

DSA1002

Message contents: SQLDriverConnect ...

Explanation: Input string and output string, as well as the results of SQLDriverConnect call are displayed.

Recommended actions: None. Informational only.

DSA1003

Message contents: Statistics:

Explanation: This message is a header of statistics information messages.

Recommended actions: None. Informational only.

DSA1004

Message contents: DSA output files:

Explanation: This message is a header of messages about plan and DBRM files.

Recommended actions: None. Informational only.

DSA2001

Message contents: Note: can't define parameter marker data type!

Explanation: DSA can not define data type of a parameter marker encountered in SQL statement.

DSA2002

Message contents: Note: can't define host variable type!

Explanation: DSA can not define data type of a host variable included to SQL statement.

DSA2003

Message contents: Note: "..." is an undefined table name .

Explanation: SQL statement contains a table name which is not available in a database to which DSA is connected.

DSA2004

Message contents: Note: the number of values in the VALUES clause is more than the table columns number .

Explanation: INSERT statement VALUES clause contains more values than a number of columns in a corresponding table.

DSA2005

Message contents: Note: STATEMENT N has not been included in DBRM file.

Explanation: SQL statement was not included in DBRM file due to the reasons explained by DSA2001 - DSA2004 messages.

DSA2006

Message contents: Note: All SQL statements contain syntax errors .

Explanation: All SQL statements extracted from trace files contain syntax errors.

DSA2007

Message contents: Note: All SQL statements contain undefined host variable .

Explanation: All SQL statements extracted from trace files contain undefined host variables.

DSA2008

Message contents: Note: All SQL statements contain undefined host variable or syntax errors.

Explanation: All SQL statements extracted from trace files contain undefined host variables or syntax errors.

DSA2009

Message contents: Note: Syntax error! STATEMENT N ... (...)

Explanation: SQL statement contains a syntax error.

DSA2011

Message contents: Note: The input <tracefile name> trace file is incomplete! The SELECT statement using <cursor name> cursor has not been detected in the trace file!

Explanation: An input trace file is incomplete! The trace file do not contain a SELECT statement correspondent to a WCO statement contained by the trace file.

DSA2012

Message contents: Note: The SELECT statement using <cursor name> cursor has not been included in the DBRM file!

Explanation: The SELECT statement using the cursor has not been included in the DBRM file because of errors detected during its processing.

DSA2013

Message contents: Note: Too many host variables in the statement!

Explanation: Too many host variables have been detected in a statement.

DSA2014

Message contents: Note: All SQL statements have too many host variables .

Explanation: All extracted from input tracefiles statements have too many host variables.

DSA2015

Message contents: Note: the recognition grammar has shift/reduce conflicts!

Explanation: Made recognition grammar has shift/reduce conflict.

DSA8001

Message contents: Too many host variables .

Explanation: SQL statement contains too many host variables (more than 400).

DSA9002

Message contents: Error: DSA trace file can't be opened.

Explanation: DSA trace file can't be opened.

DSA9003

Message contents: Error: can't write to DSA trace file .

Explanation: DSA can not write to DSA trace file .

DSA9004

Message contents: Error: Unable to open SQL automaton .

Explanation: SQL automaton file can not be opened.

DSA9005

Message contents: Error: disk <...> full or drive error.

Explanation: Disk space is exhausted or drive error detected.

DSA9006

Message contents: Error: file <...> can't be opened.

Explanation: A file can't be opened.

DSA9007

Message contents: Error: file <...> can't be closed .

Explanation: A file can't be closed.

DSA9008

Message contents: Error: not enough memory .

Explanation: Memory is exhausted.

DSA9999

Message contents: Internal error: recognition grammar testing unsuccessful!

Explanation: The testing of the recognition grammar produced was unsuccessful.

DSA9999

Message contents: An internal error has occurred at line of file.

Explanation: DSA internal error was detected.

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